

PO# 17319-1

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-04a A572/A572M GR50-03a
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-04a

DATE	1/16/06
INVOICE NO.	13829
BILL OF LADING	766697
CUSTOMER NO.	9310
CUSTOMER P.O.	C18389

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492-0000

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG. %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI		TEMP °F	IMPACT ENERGY FT-LBS												
					MPa	MPa		°C	JOULES												
1	W27 - 84.0 30' W690 x125.0 9.144 M	3	266985	.76	57000	75000	26			.08	1.31	.018	.025	.25	.34	.15	.12	.04	.04	.001	.37
				.76	56000	74000	24											.01	.19		
					393	517	26														
					386	510	24														
2	W27 - 84.0 35' W690 x125.0 10.668 M	3	266998	.77	57000	74000	26			.07	1.31	.020	.019	.24	.41	.11	.11	.03	.04	.002	.36
				.77	57000	74000	26											.02	.18		
					393	510	26														
					393	510	26														
3	W27 - 84.0 55' W690 x125.0 16.764 M	2	267026	.74	55000	74000	24			.06	1.35	.022	.021	.21	.40	.11	.12	.03	.05	.001	.36
				.75	56000	75000	24											.02	.17		
					379	510	24														
					386	517	24														
4	W27 - 84.0 55' W690 x125.0 16.764 M	1	267066	.72	54000	75000	24			.07	1.30	.020	.017	.19	.41	.11	.14	.03	.04	.002	.36
				.74	55000	74000	24											.02	.18		
					372	517	24														
					379	510	24														
5	W27 - 84.0 60' W690 x125.0 18.288 M	3	267174	.76	58000	76000	24			.08	1.31	.018	.023	.23	.31	.12	.10	.03	.04	.001	.36
				.75	57000	76000	25											.01	.19		
					400	524	24														
					393	524	25														
6	W27 - 84.0 60' W690 x125.0 18.288 M	3	267204	.78	57000	73000	25			.07	1.30	.016	.023	.24	.33	.12	.09	.04	.04	.001	.35
				.77	57000	74000	25											.01	.17		
					393	503	25														
					393	510	25														
7	W27 - 84.0 60' W690 x125.0 18.288 M	3	267206	.77	59000	77000	24			.07	1.32	.020	.020	.24	.30	.11	.10	.03	.04	.001	.35
				.75	58000	77000	23											.01	.18		
					407	531	24														
					400	531	23														
8	W27 - 94.0 35' W690 x140.0 10.668 M	3	267310	.73	54000	74000	25			.09	1.33	.015	.022	.25	.30	.09	.10	.03	.04	.002	.37
				.75	56000	75000	25											.01	.20		
					372	510	25														
					386	517	25														
9	W27 - 94.0 45' W690 x140.0 13.716 M	1	263553	.76	55000	72000	25			.07	1.33	.017	.023	.26	.33	.11	.11	.03	.04	.001	.36
				.76	55000	72000	25											.01	.18		
					379	496	25														
					379	496	25														

CARBON EQUIVALENT: CE = C(1/5) + Mn(1/16) + Cr(1/5) + Ni(1/16) + Cu(1/16)

Conversion Index: C(1/5) + Mn(1/16) + Cr(1/5) + Ni(1/16) + Cu(1/16)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lennell

QUALITY ASSURANCE

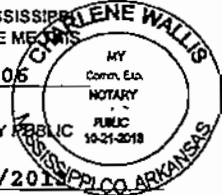
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

16 Day of 01/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2010

Bill Co: **INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT** Order Date: 06/19/2006
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Ship To: 1 **INFRA-METALS CORPORATION-CT** PO No: 019824
 Mill Order No: 3164583
 Load No: 1072549
 Manifest No: 1788417

CT WALLINGFORD TRACK 953
 US WALLINGFORD 06492

CT WALLINGFORD TRACK 953
 US WALLINGFORD 06492

SIZE W 27 X 34 / W690 X 140
 GRADE 992/572-50
 LENGTH 65 FT / 19.812 M
 PRODUCT WF BEAMS

SPECIFICATIONS
 ASTM A6-03a, A992-C6a, A572-06

HEAT NO: 30328860

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sr	V	Al	Nb	CE
	.08	1.17	.012	.026	.20	.34	.09	.07	.014	.013	.00C	.000	.018	.32

PHYSICAL PROPERTIES

Yield strength	Tensile Strength		Specimen Area		Elongation		Bend Test Dia. Result	ROA %
	KSI	MPa	Sq In	Sq cm	%	Gage Length		
56.5	389.6	71.2	490.9	1.148	7.41	25.0	8 In 200 mm	
56.7	390.9	71.9	495.7	1.170	7.55	28.0	8 In 200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom I. Harrington* Date: Nov. 21, 2006 Signed: _____ Date: _____
 Tom I. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 2 of 2

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

DATE	8/31/06
INVOICE NO.	71338
BILL OF LADING	802461
CUSTOMER NO.	7717
CUSTOMER P.O.	C19909

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S	INFRA-METALS CORP.	
H	8 PENT HIGHWAY	
I	TRACK# 953	
P	WALLINGFORD, CT	06492
T		
O		

S	ASTM A992/A992M-04a	A572/A572M GR50-04
P	ASTM A709/A709M-03a	GR50 (345)
E	ASTM A709/A709M-03a	GR50S (345S)
C	ASTM A6/A6M-05a	

S	INFRA-METALS CORP.	
O	8 PENT HIGHWAY	
L	WALLINGFORD, CT	06492
D		
T		
O		

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		TEMP °F	IMPACT ENERGY FT-LBS													
					MPa	MPa		°C	JOULES													
1	W24 - 68.0 30' W610 x101.0 9.144 M	8	280985	.78	57000	73000	25				.08	1.20	.011	.025	.22	.25	.09	.08	.02	.00	.018	.32
2	W24 - 68.0 30' W610 x101.0 9.144 M	3	280986	.78	58000	74000	25				.08	1.22	.011	.018	.25	.27	.08	.08	.03	.00	.018	.32
3	W24 - 68.0 30' W610 x101.0 9.144 M	1	280988	.78	57000	73000	25				.08	1.21	.017	.020	.29	.27	.10	.09	.03	.00	.018	.32
4	W24 - 68.0 30' W610 x101.0 9.144 M	3	281107	.77	58000	75000	24				.09	1.21	.013	.019	.24	.30	.10	.09	.03	.00	.015	.34
5	W24 - 68.0 30' W610 x101.0 9.144 M	3	281109	.80	60000	75000	25				.08	1.23	.011	.021	.22	.30	.10	.07	.03	.00	.017	.34
6	W24 - 68.0 35' W610 x101.0 10.668 M	12	281111	.78	58000	74000	25				.07	1.22	.014	.021	.24	.28	.10	.10	.03	.00	.015	.33
7	W24 - 68.0 55' W610 x101.0 16.764 M	12	281011	.78	57000	73000	25				.08	1.20	.010	.020	.24	.31	.10	.07	.03	.00	.016	.33

CARBON EQUIVALENT: CE = C(II) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+C)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

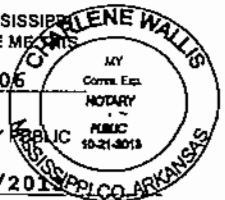
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

31 Day of 08/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2012



NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

9/11/06
74033
BILL OF LADING 804156
CUSTOMER NO. 9310
CUSTOMER P.O. P C18841 PF

SHIPIPTO
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

SPECIFICATIONS
ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A5/A6M-05a

SOLD TO
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHARPY IMPACT		CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH		ELONG	TEMP	IMPACT ENERGY	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	Cb	CE
						PSI	MPa															
				MPa	MPa	%	° C	JOULES	Sn	Pom	Cl											
1	W24 - 68.0	6	281140	.76	55000	72000	23			.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33	
	35'			.77	56000	73000	24											.03	.00	.01	.17	
	W610 x101.0																					
2	10.668 M	9	280993	.78	58000	74000	25			.07	1.21	.012	.025	.22	.25	.09	.08	.03	.00	.014	.31	
	60'			.81	58000	72000	27											.03	.00	.01	.15	
	W610 x101.0																					
3	18.288 M	3	281000	.81	62000	77000	23			.08	1.22	.012	.022	.24	.28	.08	.09	.03	.00	.017	.32	
	60'			.82	62000	76000	25											.03	.00	.01	.16	
	W610 x101.0																					
4	18.288 M	3	280796	.75	55000	73000	25			.08	1.20	.016	.021	.21	.37	.12	.10	.03	.00	.014	.34	
	40'			.75	55000	73000	24											.03	.00	.01	.18	
	W610 x113.0																					
5	12.192 M	3	280915	.78	57000	73000	26			.07	1.21	.020	.022	.20	.33	.11	.13	.03	.00	.014	.33	
	40'			.77	56000	73000	25											.03	.00	.01	.17	
	W610 x113.0																					
6	12.192 M	3	280797	.76	56000	74800	26			.08	1.23	.019	.023	.22	.38	.14	.13	.03	.00	.015	.35	
	60'			.75	57000	76000	24											.03	.00	.01	.18	
	W610 x113.0																					
7	18.288 M	3	280799	.75	55000	73000	26			.08	1.22	.019	.021	.23	.32	.12	.13	.03	.00	.015	.34	
	60'			.75	55000	73000	26											.03	.00	.01	.18	
	W610 x113.0																					
18.288 M																						

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

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Doug Lennell

QUALITY ASSURANCE

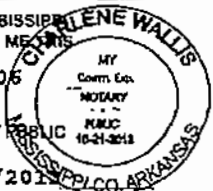
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

11 Day of 09/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE 7/13/06
 INVOICE NO. 58630
 BILL OF LADING 794320
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19982

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO: INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES																									
				YIELD TO TENSILE RATIO	TENSILE STRENGTH		ELONG. %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE												
					PSI	MPa		PSI	MPa													TEMP °F	IMPACT ENERGY FT-LBS	Sn	Pcm	Cl							
1	W24 - 62.0	3	277848	.75	54000	72000	26																										
	35'			.75	54000	72000	25															.06	1.10	.013	.028	.25	.31	.12	.10	.04	.01	.017	.30
	W610 x 92.0				372	496	26																										
	10.668 M				372	496	25																										
2	W24 - 62.0	6	278074	.73	52000	71000	27																										
	35'			.73	51000	70000	27															.07	1.20	.014	.029	.28	.28	.11	.08	.03	.01	.018	.32
	W610 x 92.0				359	490	27																										
	10.668 M				352	483	27																										
3	W24 - 62.0	3	278077	.74	50000	68000	28																										
	35'			.74	50000	68000	24															.07	1.06	.022	.035	.23	.30	.11	.13	.03	.01	.015	.31
	W610 x 92.0				345	469	28																										
	10.668 M				345	469	24																										

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

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Ray Linnell

 QUALITY ASSURANCE

CUSTOMER COPY

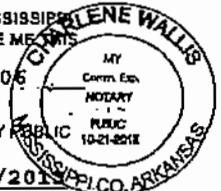
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

13 Day of 07/06

Charlene Wallis

 NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



Bill To: INFR-METALS CORPORATION-CT, R INFR-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT 06492
 US

Ship To: 1
 INFR-METALS CORPORATION-CT, R INFR-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492
 US

Order Date: 07/18/2006
 PO No: C19879
 Mill Order No: 3176903
 Load No: 1047216
 Manifest No: 1765607

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

SIZE W 24 X 62# / M610 X 52
 SPECIFICATION ASTM A6-05a, A992-06a, A572-06
 HEAT NO: 30307780

GRADE 992/572-50
 LENGTH 35 FT / 10.668 M
 PRODUCT WF BEAMS

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.96	.012	.038	.25	.35	.10	.09	.019	.013	.003	.002	.021	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
53.9	70.2	0.900	23.1	8In	200 mm
55.2	71.3	0.939	26.0	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington*
 Tom L. Harrington: Quality Assurance Manager

Date: Jul. 27, 2006 Signed: Notary Public (if applicable)
 Date: _____ Page: 4 of 8

Steel Dynamics, Inc.
 2601 S. County Road 700 East
 Columbia City, IN 46725-9044
 (260) 625-9100

Certified Mill Test Report
 100% Melted and Manufactured in USA

Ship to:
 Intra Metals-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Johnson / David Dudzinski

Bill to:
 INFRA METALS-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Haight

Date: 9/10/2006
Customer No: 000198
Bill of Lading No: 0000090239
MTR #: 0000088860

Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
1	020692459	W21X50	35' 0"	4	A026171	A992 / A992M A709 950S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C19773
2	020692461	W21X50	35' 0"	4	A026171	A992 / A992M A709 950S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C10773
3	020692468	W21X50	35' 0"	4	A026172	A992 / A992M A709 950S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C19773
4	020692470	W21X50	35' 0"	4	A026172	A992 / A992M A709 950S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C19773


CHEMICAL

Item	C	Mn	P	S	Si	Cu	V	Cr	Ni	Mo	Sn	N	B	Cb	C1	C2	PC	Analysis
1	.06	1.09	.012	.031	.22	.26	.035	.08	.09	.027	.011	.0089	.0004	.002	.30	.33	.15	HEAT
2	.06	1.09	.012	.031	.22	.26	.035	.08	.09	.027	.011	.0069	.0004	.002	.30	.33	.15	HEAT
3	.06	1.08	.011	.036	.23	.34	.034	.09	.12	.041	.012	.0058	.0003	.001	.30	.34	.16	HEAT
4	.06	1.08	.011	.036	.23	.34	.034	.09	.12	.041	.012	.0058	.0003	.001	.30	.34	.16	HEAT

MECHANICAL

Item	Test	Tensile Testing Results			Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Charpy Impact Testing Results			ASTM Grain Size No (per ASTM E112)
		Yield (fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Fy/Fu				Temp F/C	Sample 1 ft. lb/ftoules	Sample 2 ft. lb/ftoules	
1	1	54/375	72/496	.75	25		1				
1	2	53/363	69/476	.77	24		2				
2	1	54/375	72/496	.75	25		1				
2	2	53/363	69/476	.77	24		2				
3	1	51/351	68/471	.75	27		1				
3	2	52/362	70/481	.74	27		2				
4	1	51/351	68/471	.75	27		1				
4	2	52/362	70/481	.74	27		2				

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.

Signed:  Andy Patis
 Quality Assurance

State of Indiana, County of Whitley
 Sworn to and subscribed before me this ___ day of _____
 Signed: _____ Notary Public

My commission expires: _____

Special Comments/Information:

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DATE 9/22/06
 INVOICE NO 77485
 BILL OF LADING 806453
 CUSTOMER NO. 9310
 CUSTOMER P O. C19782

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H: INFRA-METALS CORP
 I 8 PENT HIGHWAY
 P TRACK # 953
 T WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	° F													FT-LBS
1	W12 - 79.0 35' W310 x117.0 10.668 M	15	281842	.77	57000	74000	26				.07	1.21	.014	.021	.20	.39	.09	.10	.02	.00	.014	.32
2	W12 - 79.0 35' W310 x117.0 10.668 M	3	281844	.78	56000	72000	26				.07	1.21	.016	.029	.19	.31	.08	.09	.02	.00	.014	.32
3	W12 - 96.0 30' W310 x143.0 9.144 M	1	243565	.77	58000	75000	26				.06	1.31	.019	.024	.23	.40	.13	.13	.04	.05	.002	.36
4	W12 - 96.0 30' W310 x143.0 9.144 M	2	282085	.76	57000	75000	25				.08	1.30	.019	.016	.21	.29	.09	.09	.03	.00	.020	.35
5	W12 - 136.0 40' W310 x202.0 12.192 M	3	281944	.76	54000	71000	30				.08	1.33	.020	.022	.24	.29	.09	.11	.03	.00	.022	.36
6	W18 - 40.0 35' W460 x 60.0 10.668 M	8	281026	.75	52000	69000	24				.07	1.12	.016	.034	.31	.24	.10	.11	.03	.01	.015	.31
7	W18 - 40.0 35' W460 x 60.0 10.668 M	2	281028	.75	51000	68000	24				.06	1.10	.015	.035	.28	.25	.11	.10	.03	.01	.014	.29
8	W18 - 40.0 35' W460 x 60.0 10.668 M	20	281029	.75	52000	69000	24				.07	1.10	.012	.031	.29	.28	.10	.09	.03	.01	.015	.31
9	W18 - 40.0 35' W460 x 60.0 10.668 M	16	281055	.74	56000	76000	25				.07	1.10	.018	.033	.30	.33	.10	.12	.03	.00	.019	.31

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH!!

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

22 Day of 09/05

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2015



DATE 11/13/06
 INVOICE NO 90798
 BILL OF LADING B15049
 CUSTOMER NO 7717
 CUSTOMER P.O. C20701

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

S
H INFRA-METALS CORP.
I 8 PENT HIGHWAY
P TRACK# 953
T WALLINGFORD, CT 06492
O

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M 06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	TEMP	IMPACT ENRGY													
					MPa	MPa	%	"F	FT-LBS													
1	W18 - 35.0 40' W460 x 52.0 12.192 M	5	281894	.77	57000	74000	24				.06	1.11	.018	.035	.31	.27	.09	.10	.03	.01	.017	.30
2	W18 - 35.0 40' W460 x 52.0 12.192 M	10	281896	.73	55000	75000	24				.07	1.10	.020	.032	.30	.31	.11	.13	.03	.00	.015	.31
3	W18 - 40.0 40' W460 x 60.0 12.192 M	4	280996	.77	53000	69000	27				.06	1.16	.013	.031	.31	.26	.10	.08	.03	.00	.021	.29
4	W18 - 40.0 40' W460 x 60.0 12.192 M	10	281001	.72	50000	69000	25				.07	1.12	.019	.026	.29	.24	.11	.13	.03	.00	.016	.31
5	W18 - 40.0 40' W460 x 60.0 12.192 M	10	281132	.76	55000	72000	25				.05	1.11	.015	.031	.29	.28	.10	.10	.03	.01	.021	.30
6	W18 - 40.0 40' W460 x 60.0 12.192 M	18	281134	.76	56000	74000	25				.06	1.15	.016	.038	.30	.30	.13	.14	.03	.01	.019	.32
7	W18 - 40.0 40' W460 x 60.0 12.192 M	8	281135	.78	56000	72000	24				.05	1.17	.015	.035	.29	.24	.10	.10	.03	.01	.018	.30

Carbon Equivalent: CE = CE(II) = C + Mn/6 + (Cr+Ni+V)/5 + (B) + Cu/15
 Charpy Index: CMB(1)(C) + 1.48(Mp) - 1.25(Cr) + 1.48(Mn) - 1.72(Si) + 1.25(Cu) + 1.48(Ni) + 1.48(V) + 1.25(B) + 1.48(Cu)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 13 Day of 11/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2014

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164378
 Load No: 1076498
 Manifest No: 1792007

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 60 FT / 18.288 M

GRADE
 992/572-50

SIZE
 W 18 X 35# / W460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Mb	C2
.08	.96	.011	.035	.23	.37	.11	.06	.017	.012	.003	.003	.020	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.3	71.6	0.581	24.4	8In	200 mm
56.8	72.0	0.672	24.3	6In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 07, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington, Quality Assurance Manager

DATE	11/13/06
INVOICE NO	90791
BILL OF LADING	814684
CUSTOMER NO	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S	INFRA-METALS CORP 8 PENT HIGHWAY TRACK # 953 WALLINGFORD, CT 06492
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S P E C I F I C A T I O N S	ASTM A992/A992M-06a A572/A572M GR50-04
	ASTM A709/A709M-03a GR50 (345)
	ASTM A709/A709M-03a GR50S (345S)
	ASTM A6/A6M-05a

S	INFRA-METALS CORP. 8 PENT HIGHWAY WALLINGFORD, CT 06492
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ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	TENSILE STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG % %	CHARPY IMPACT TEMP °F °C	IMPACT ENERGY FT-LBS JOULES	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Co	CE
																				Sn	Pcm
1	W16 - 31.0 35' W410 x 46.1 10.668 M	21	284122	.81 .83	61000 62000	75000 75000	24 24			.08	1.00	.016	.029	.29	.32	.11	.12	.03	.00	.018	.31
2	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284275	.81 .79	57000 56000	70000 71000	22 24			.07	.92	.023	.028	.23	.31	.11	.14	.02	.00	.016	.28
3	W16 - 31.0 35' W410 x 46.1 10.668 M	3	284921	.81 .82	59000 60000	73000 73000	23 25			.06	.97	.021	.039	.24	.34	.12	.16	.03	.00	.019	.29
4	W16 - 31.0 35' W410 x 46.1 10.668 M	3	284923	.82 .83	62000 63000	76000 76000	24 23			.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29

CARBON EQUIVALENT: CE = C + Mn/6 + (Cr + Mo)/5 + Ni/6 + Cu/13

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

[Signature]

QUALITY ASSURANCE

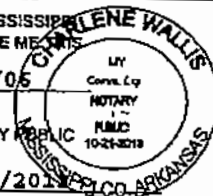
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

13 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/31/2011



DATE 6/02/06
 INVOICE NO. 48334
 BILL OF LADING 787970
 CUSTOMER NO. 9310
 CUSTOMER P.O. P C18841 FP

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a


INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa		PSI	MPa												
1	W16 - 31.0 45' W410 x 46.1 13.716 M	1	268616	.79	56000	71000	24														
				.81	59000	73000	24														
					386	490	24														
2	W16 - 31.0 45' W410 x 46.1 13.716 M	7	274753	.81	54000	67000	27														
				.82	56000	68000	27														
					372	462	27														
3	W16 - 31.0 45' W410 x 46.1 13.716 M	3	274762	.81	56000	69000	26														
				.81	56000	69000	26														
					386	476	26														
4	W16 - 31.0 45' W410 x 46.1 13.716 M	3	274766	.82	59000	72000	24														
				.83	60000	72000	23														
					407	496	24														

ELONGATION BASED ON 8 00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gay Lonnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 2 Day of 06/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2013



DATE	11/02/06
INVOICE NO.	88227
BILL OF LADING	813212
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

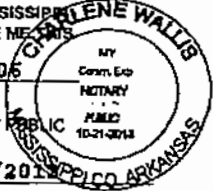
ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES																
					YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT TEMP	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE					
					PSI	PSI	%	* F																	
					MPa	MPa	%	* C																	
1	W16 - 25.0 60' W410 x 38.8 18.288 M		28	284683	.84	57000	68000	24		.07	.90	.019	.037	.23	.30	.10	.09	.02	.00	.016	.27				
					.83	58000	70000	24												.01	.15				
						393	469	24																	
2	W16 - 26.0 50' W410 x 38.8 18.288 M		21	284685	.83	58000	70000	23		.07	.91	.020	.035	.22	.33	.10	.11	.02	.00	.017	.28				
					.81	56000	69000	24																	
						400	483	23																	
					386	476	24																		

Carbon Equivalent (CE) = C + Mn/6 + (Cr+Ni)/5 + (Cu)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS 2 Day of 11/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2011



DATE	11/25/06
INVOICE NO	94574
BILL OF LADING	816930
CUSTOMER NO.	7717
CUSTOMER P O	C20360

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

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INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50E (345E)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	" F													FT-LBS
1	W14 -132.0 60' W360 x196.0 18.288 M	2	284773	.75	55000	73000	29															
				.74	55000	74000	27															
					379	503	29															
					379	510	27															
2	W14 -132.0 60' W360 x196.0 18.288 M	1	286162	.76	58000	76000	26															
				.76	58000	76000	27															
					400	524	26															
					400	524	27															

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

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Ray Linnell

QUALITY ASSURANCE

CUSTOMER COPY

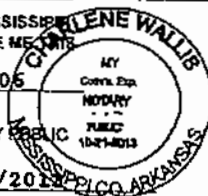
STATE OF ARKANSAS COUNTY OF MISSISSIPPI SWORN TO AND SUBSCRIBED BEFORE ME THIS

27 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2013



Corus UK Limited
 Corus Construction & Industrial
 P.O. Box 29, Redcar
 Teesside, TS10 5RD
 Telephone: 01842 404040
 Telex: 587401



INSPECTION CERTIFICATE

In Accordance with EN10204 3.1

Customer		A6		Corus Ref. No.		A5		Works Order/Item No.		A6	
INFRA-METALS CORUS AMERICA INC. 475 NORTH MARTINGALE ROAD SUITE 400 SCHAUMBURG ILLINOIS 60179, U.S.A.		Management System 		18872SX/ 26		116584		186725/ 26		A7	
P.O. C18976 NEW HAVEN		Inspection WORKS INSPECTION		Customer's Order No.		Specifications/Sheet ASTM A572-04GR50/ASTM A992 04A		Rolling No. 410S		A5	
				W COLUMN 14 X 14.5 X 109 LB/FT		A8		Date		A1	
				AB Rolled.		A9		Cert No.		A2	
								LHSM/06/00722214/1		4/ 5/06	
								SRTP: LASS NEPTUNE		A3	
								VIA ANTW		A4	
										CORUS C18976	

Item/Mark Number	B10 Quantity	B13 Length	B8 Count/Sheet No	B7 Yield Stress MPa	B11 Yield Strength A ₁ MPa	B12 Tensile Strength A ₁ MPa	C13 Charpy Impact	C40 Stacking Process	B. O. S.											C70							
									ANALYSIS %																		
Item Mark: - 26251 9 41' 0" 12.496m	9	Pieces in Total FULLY KILLED, FINE GRAINED	Specification 7026251	Mts Max 212787	P. S. I. 50000	8"	18	Units	C	S1	Mn	P	S	Cr	Mo	Ni	Al	Cu	Nb	N	Sn	V	CEV				
									.200	.400	.50	.035	.045	.350	.150	.450	.600	.050	.0150								

On behalf of Corus UK Limited, the manufacturer,
 These results are certified by Corus UK Limited and comply
 with the requirements of the Product Description.

A. Young

A. Young, Test House Manager, Teesside

All original Inspection Certificates issued by Corus UK Limited will contain either an embossed seal, or be impregnated with a Corus UK Limited watermark logo, or a combination of both. Any recipient of a copy of a Corus UK Limited inspection Certificate without either the seal or watermark/logo should ensure from the supplier that it is a true and accurate reproduction of the original.

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

DATE	11/13/06
INVOICE NO.	90790
BILL OF LADING	814884
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa		PSI	MPa												
1	W14 - 22.0 55' W360 x 32.9 16.764 M	1	285346	.83	58000	70000	24			.06	.94	.013	.036	.28	.27	.13	.11	.03	.00	.015	.28
				.81	57000	70000	22														
					400	483	24														
					393	483	22														
2	W14 - 22.0 55' W360 x 32.9 16.764 M	1	285357	.81	57000	70000	23			.06	.94	.012	.032	.26	.29	.12	.12	.03	.00	.016	.28
				.83	58000	70000	23														
					393	483	23														
					400	483	23														
3	W14 - 22.0 55' W360 x 32.9 16.764 M	2	285367	.79	62000	78000	24			.07	.90	.018	.037	.26	.27	.11	.13	.03	.01	.015	.28
				.81	63000	78000	24														
					427	538	24														
					434	538	24														
4	W14 - 22.0 55' W360 x 32.9 16.764 M	5	285370	.82	63000	77000	23			.08	.95	.015	.029	.27	.34	.11	.11	.03	.00	.019	.30
				.81	64000	79000	24														
					434	531	23														
					441	545	24														
5	W14 - 22.0 55' W360 x 32.9 16.764 M	9	285373	.82	60000	73000	25			.06	.90	.012	.036	.22	.28	.11	.11	.03	.00	.014	.27
				.81	59000	73000	23														
					414	503	25														
					407	503	23														
6	W14 - 22.0 55' W360 x 32.9 16.764 M	17	285378	.81	60000	74000	25			.06	.97	.014	.034	.22	.29	.13	.14	.03	.00	.016	.28
				.80	60000	75000	24														
					414	510	25														
					414	517	24														
7	W14 - 22.0 60' W360 x 32.9 18.288 M	3	285208	.79	57000	72000	23			.07	.92	.022	.026	.28	.31	.11	.15	.03	.00	.018	.29
				.79	60000	76000	23														
					393	496	23														
					414	524	23														
8	W14 - 22.0 60' W360 x 32.9 18.288 M	39	285210	.81	62000	77000	23			.07	.91	.015	.032	.28	.30	.11	.13	.03	.00	.016	.28
				.79	60000	76000	23														
					427	531	23														
					414	524	23														
9	W14 - 22.0 60' W360 x 32.9 18.288 M	28	285254	.81	57000	70000	24			.07	.94	.014	.035	.27	.33	.11	.10	.03	.00	.017	.29
				.81	55000	68000	24														
					393	483	24														
					379	469	24														

CARBON EQUIVALENT: CE = C(IIW) + C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lonnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

13 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2013



CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

DATE	11/14/06
INVOICE NO.	91223
BILL OF LADING	815220
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

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 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

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 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES				CHARPY IMPACT		CHEMICAL PROPERTIES											
					YIELD STRENGTH	TENSILE STRENGTH	ELONG	TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	*F	FT-LBS													
1	W14 - 22.0	12	285218	.84	59000	70000	23			.06	.90	.014	.032	.24	.31	.13	.14	.04	.00	.016	.28	
	30'			.85	60000	71000	23												.01	.15		
	W360 x 32.9 9.144 M				407	483	23															
2	W14 - 22.0	10	285220	.82	58000	71000	23			.06	.92	.017	.035	.21	.27	.10	.10	.02	.00	.014	.25	
	30'			.82	59000	72000	23												.01	.14		
	W360 x 32.9 9.144 M				400	490	23															
3	W14 - 22.0	20	285223	.82	59000	72000	25			.07	.91	.011	.032	.30	.30	.12	.10	.03	.00	.016	.28	
	30'			.83	59000	71000	24												.01	.16		
	W360 x 32.9 9.144 M				407	496	23															
4	W14 - 22.0	28	285370	.82	63000	77000	23			.08	.95	.015	.029	.27	.34	.11	.11	.03	.00	.019	.30	
	30'			.81	64000	79000	24												.01	.17		
	W360 x 32.9 9.144 M				434	531	23															
5	W14 - 22.0	7	285344	.84	58000	69000	24			.06	.98	.013	.032	.28	.30	.12	.10	.03	.00	.017	.28	
	35'			.83	58000	70000	24												.01	.15		
	W360 x 32.9 10.668 M				400	476	24															
6	W14 - 22.0	8	285373	.82	60000	73000	25			.06	.90	.012	.036	.22	.28	.11	.11	.03	.00	.014	.27	
	35'			.81	59000	73000	23												.01	.14		
	W360 x 32.9 10.668 M				414	503	25															
7	W14 - 22.0	9	285377	.79	57000	72000	24			.05	.91	.015	.034	.22	.29	.13	.14	.03	.00	.015	.26	
	35'			.81	58000	72000	23												.01	.13		
	W360 x 32.9 10.668 M				393	496	24															
8	W14 - 22.0	18	285378	.81	60000	74000	25			.06	.97	.014	.034	.22	.29	.13	.14	.03	.00	.016	.28	
	35'			.80	60000	75000	24												.01	.14		
	W360 x 32.9 10.668 M				414	510	25															
9	W14 - 22.0	1	285216	.83	59000	71000	23			.06	.94	.014	.026	.24	.32	.13	.15	.04	.00	.017	.29	
	40'			.84	57000	68000	23												.01	.15		
	W360 x 32.9 12.192 M				407	490	23															

CARBON EQUIVALENT: CE = CIIW = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
 Conversion Table: (C) = 0.000154, (Mn) = 0.000667, (Cr) = 0.000217, (Ni) = 0.000187, (Cu) = 0.000133, (Mo) = 0.000305, (V) = 0.000508, (Nb) = 0.000127, (Ti) = 0.000177

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

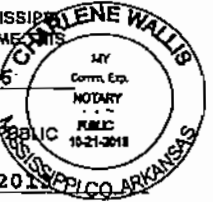
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

14 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8741

Order Date: 06/23/2006
FO No: C19824
Mill Order No: 3168213
Load No: 1059374
Manifest No: 1776187

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD
06492

CT US
CT US
CT US

PRODUCT
WF BEAMS

LENGTH
40 FT / 12.192 M

GRADE
992/572-50

SIZE
W 12 X 136# / M310 X 202

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30317550

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.31	.016	.032	.25	.35	.10	.07	.015	.014	.002	.002	.017	.34

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa
51.4	354.4	
51.8	357.1	

Tensile Strength	KSI	MPa
70.7	487.5	
70.6	486.8	

Specimen Area	Sq In	Sq cm
1.961	12.65	
1.953	12.66	

Elongation	%	Gage Length
29.6		200 mm
24.8		200 mm

Bend Test	ROA
180°	0.017

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Sep. 20, 2006 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 5 of 28

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/12/2006
 PO No: C19796
 Mill Order No: 3160081
 Load No: 1055012
 Manifest No: 1775806

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

CT US
 GRADE 992/572-50
 LENGTH 40 FT / 12.192 M
 PRODUCT WF BEAMS

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CE
.07	1.26	.014	.034	.21	.34	.10	.07	.015	.016	.004	.004	.022	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Band Test	ROA
KSI	MPa	Sq In	%	Result	%
50.9	350.9	1.737	24.4	81a	200 mm
50.8	350.3	1.743	23.1	81a	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Sep. 17, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

DATE	9/25/06
INVOICE NO.	77825
BILL OF LADING	806632
CUSTOMER NO.	9310
CUSTOMER P.O.	C19782

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
I N F R A - M E T A L S C O R P
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O
I N F R A - M E T A L S C O R P.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
1	W12 - 96.0 45'	3	282068	.77	59000	77000	26				.08	1.32	.020	.025	.21	.31	.08	.10	.02	.00	.018	.35
	W310 x143.0 13.715 M			.76	58000	76000	26												.01	.19		
2	W12 - 96.0 45'	3	282071	.77	59000	77000	26				.08	1.31	.018	.018	.23	.30	.10	.09	.03	.00	.019	.35
	W310 x143.0 13.716 M			.77	58000	75000	25												.01	.18		
3	W12 -106.0 40'	3	282013	.75	56000	75000	26				.08	1.33	.018	.018	.23	.32	.09	.10	.02	.00	.017	.35
	W310 x158.0 12.192 M			.76	58000	76000	26												.01	.19		
4	W12 -106.0 45'	3	282017	.75	56000	75000	25				.08	1.34	.017	.019	.22	.33	.09	.08	.02	.00	.018	.35
	W310 x158.0 13.716 M			.74	55000	74000	25												.01	.18		
5	W12 -106.0 50'	3	282029	.75	55000	73000	27				.08	1.33	.015	.020	.24	.30	.10	.07	.02	.00	.021	.35
	W310 x158.0 15.240 M			.75	55000	73000	26												.01	.18		
6	W12 -120.0 35'	2	281952	.77	57000	74000	27				.07	1.33	.020	.022	.25	.32	.10	.11	.03	.00	.020	.35
	W310 x179.0 10.668 M			.77	58000	75000	28												.01	.18		
7	W12 -120.0 35'	1	281987	.76	57000	75000	27				.08	1.31	.021	.023	.22	.29	.09	.09	.02	.00	.022	.35
	W310 x179.0 10.668 M			.77	57000	74000	26												.01	.17		
8	W12 -120.0 40'	3	281992	.77	56000	73000	26				.08	1.30	.018	.024	.24	.31	.10	.09	.03	.00	.018	.35
	W310 x179.0 12.192 M			.76	56000	74000	26												.01	.18		
9	W12 -120.0 50'	1	281952	.77	57000	74000	27				.07	1.33	.020	.022	.25	.32	.10	.11	.03	.00	.020	.35
	W310 x179.0 15.240 M			.77	58000	75000	28												.01	.18		

ASTM A992/A992M-06a A572/A572M GR50-04 A709/A709M-03a GR50 (345) A709/A709M-03a GR50S (345S) A6/A6M-05a
CARBON EQUIVALENT: CE = C + (Mn)/16 + (Cr)/5 + (Ni)/15 + (Cu)/12 + (Nb)/10 + (V)/10 + (Ti)/6
C: .025 Mn: 1.32 P: .020 S: .025 Si: .21 Cu: .31 Ni: .08 Cr: .10 Mo: .02 V: .00 Cb: .018 CE: .35

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
25 Day of 09/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2011



DATE	9/15/06
INVOICE NO.	75914
BILL OF LADING	805462
CUSTOMER NO.	7717
CUSTOMER P.O.	C19931

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
				YIELD TO FENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
								MPa	MPa												
1	W12 - 72.0 35' W310 x107.0 10.668 M	3	281527	.77	57000	74000	26			.07	1.20	.018	.024	.20	.30	.10	.16	.04	.00	.018	.34
2	W12 - 72.0 35' W310 x107.0 10.668 M	5	281533	.77	56000	73000	25			.07	1.20	.019	.021	.21	.31	.10	.14	.03	.00	.015	.33
3	W12 - 72.0 35' W310 x107.0 10.668 M	1	281540	.79	56000	73000	26			.07	1.27	.013	.022	.24	.26	.11	.09	.04	.00	.016	.33
4	W12 - 72.0 35' W310 x107.0 10.668 M	6	281544	.76	57000	75000	24			.08	1.22	.015	.021	.23	.26	.12	.10	.04	.00	.018	.34
5	W12 - 72.0 40' W310 x107.0 12.192 M	2	281490	.76	58000	76000	24			.08	1.24	.018	.023	.22	.32	.12	.13	.04	.00	.018	.35
6	W12 - 72.0 40' W310 x107.0 12.192 M	3	281492	.79	57000	72000	25			.08	1.21	.016	.019	.22	.31	.12	.11	.04	.00	.018	.34
7	W12 - 72.0 40' W310 x107.0 12.192 M	1	281511	.77	58000	75000	23			.08	1.21	.027	.023	.22	.34	.11	.16	.04	.00	.014	.35
8	W12 - 72.0 50' W310 x107.0 15.240 M	2	281490	.76	58000	76000	24			.08	1.24	.018	.023	.22	.32	.12	.13	.04	.00	.018	.35
9	W12 - 72.0 50' W310 x107.0 15.240 M	1	281507	.79	59000	75000	24			.08	1.23	.018	.021	.19	.40	.11	.13	.04	.00	.015	.35

ELONGATION BASED ON 3.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

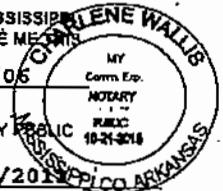
15 Day of 09/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2011



DATE	8/14/06
INVOICE NO	66513
BILL OF LADING	799244
CUSTOMER NO	9310
CUSTOMER P.O.	C20118

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES												
				YIELD TO FENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI	%														
1	W12 - 53.0 30' W310 x 79.0 9.144 M	3	279859	.75	55000	73000	25			.07	1.16	.022	.040	.34	.31	.10	.14	.03	.00	.021	.32
				.74	52000	70000	25											.01	.17		
					379	503	25														
					359	483	25														
2	W12 - 53.0 30' W310 x 79.0 9.144 M	6	279893	.74	53000	72000	24			.06	1.10	.021	.040	.31	.30	.10	.11	.03	.01	.023	.30
				.74	52000	70000	25											.01	.16		
					365	496	24														
					359	483	25														
3	W12 - 53.0 35' W310 x 79.0 10.668 M	1	279855	.73	54000	74000	24			.06	1.15	.020	.035	.32	.31	.14	.14	.04	.01	.024	.32
				.74	52000	70000	25											.01	.16		
					372	510	24														
					359	483	25														
4	W12 - 53.0 35' W310 x 79.0 10.668 M	1	279867	.74	54000	73000	26			.06	1.10	.014	.032	.29	.33	.11	.12	.03	.01	.023	.30
				.76	54000	71000	25											.01	.16		
					372	503	26														
					372	490	25														
5	W12 - 53.0 35' W310 x 79.0 10.668 M	10	279901	.73	54000	74000	24			.08	1.14	.021	.038	.31	.32	.13	.12	.04	.01	.024	.33
				.71	55000	78000	21											.02	.18		
					372	510	24														
					379	538	21														
6	W12 - 53.0 50' W310 x 79.0 15.240 M	3	279880	.74	55000	74000	28			.07	1.11	.019	.037	.30	.29	.12	.12	.03	.01	.022	.32
				.73	54000	74000	25											.01	.16		
					379	510	28														
					372	510	25														
7	W12 - 53.0 50' W310 x 79.0 15.240 M	6	279881	.74	53000	72000	26			.07	1.10	.018	.034	.29	.29	.11	.11	.03	.01	.022	.31
				.73	52000	71000	25											.01	.16		
					365	496	26														
					359	490	25														

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lonnell

QUALITY ASSURANCE

CUSTOMER COPY

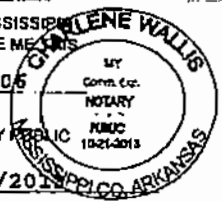
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

14 Day of 08/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



MUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

8/10/06 6:14:19
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 Customer PO: C19723
 B.O.L. #: 555671

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AGM and A370.

ASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASIM : A992-04a//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/G40.21-50W

HUGER

Description	Heat Treatment	Yield/Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (%)	C	Mn	P	S	Si	Cu	Ni	CE1	
	Test		(MPa)	(MPa)		Pb	Ti	Sn	B	N	Zr	CI	PCM	
W12x19	2613087	.81	56600	69700	27.25	.0730	.0180	.0064	.0261	.2440	.0620	.0310	.2238	
050' 00.00'	A992-04a		390	481		.0170	.0200	.0044	.0000	.0045	.0297		.2704	
W310x28.3		.81	56400	69300	26.45	.0111	.0014	.0004	.0019	.0063	.0000	2.0633	.1376	
015.2400m			389	478		19 Piece(s)								Inv#:
W12x19	1613090	.82	57900	70400	29.00	.0720	.0970	.0060	.0180	.1680	.0630	.0290	.2370	
050' 00.00'	A992-04a		399	485		.0220	.0220	.0040	.0000	.0030	.0260		.2702	
W310x28.3		.81	57700	70800	26.71	.0050	.0010	.0004	.0010	.0069	.0000	1.9841	.1338	
015.2400m			398	488		5 Piece(s)								Inv#:
W12x19	2613093	.82	57900	70400	24.36	.0730	.0490	.0070	.0230	.2010	.0590	.0310	.2293	
050' 00.00'	A992-04a		398	485		.0200	.0200	.0040	.0000	.0040	.0290		.2806	
W310x28.3		.82	57400	70000	26.03	.0090	.0010	.0001	.0017	.0064	.0000	1.9678	.1367	
015.2400m			396	483		42 Piece(s)								Inv#:
W12x19	2613097	.81	56500	69400	26.88	.0710	.0800	.0070	.0220	.2160	.0600	.0300	.2222	
050' 00.00'	A992-04a		390	479		.0250	.0210	.0050	.0000	.0040	.0260		.2634	
W310x28.3		.81	56000	69000	23.74	.0090	.0010	.0000	.0017	.0058	.0000	2.4628	.1342	
015.2400m			386	476		94 Piece(s)								Inv#:
W12x19	2613079	.81	58300	71700	25.05	.0720	.0240	.0079	.0246	.2350	.0680	.0300	.2245	
050' 00.00'	A992-04a		402	494		.0190	.0200	.0045	.0000	.0043	.0281		.2693	
W310x28.3		.82	58500	71500	24.80	.0076	.0014	.0007	.0016	.0057	.0000	2.2231	.1355	
015.2400m			403	493		16 Piece(s)								Inv#:

Elongation based on 8" (20.32cm) gauge length, 'No Weld Repair' was performed.
 CI = 26.0(Cu+3.68Si+1.20Cr+1.49S)+17.28P-(7.29Cu+Ni)-(9.10Ni+P)-33.39(Cu+Cu)
 PCM = C+((Mn+Si)/6)+(Cr+Mo+V)/5+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

Bruce A. Work
 Metallurgist

day of

3:26 08-10 To: 12036794260

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 11/03/2006
 PO No: C20723
 Mill Order No: 3216971
 Load No: 1069910
 Manifest No: 1785624

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT US 06492

PRODUCT
 WF BEAMS

LENGTH
 30 FT / 9.144 M

GRADE
 992/572-50

SIZE
 M 12 X 14# / M310 X 21.0

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 11742460

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Mb	CE
.08	.93	.007	.012	.22	.21	.09	.13	.028	.012	.001	.004	.016	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
60.7	74.2	0.287	25.6	8In	
60.1	74.3	0.288	26.2	8In	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 08, 2006 Signed: Tom L. Harrington (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

8/18/06 11152193
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI SHIP TO: INFRA-METALS CORP. Customer M.I. 302 - 1
 0 PENI HIGHWAY INFRA METALS CORP. Customer PO: C19924
 WALLINGFORD, CT 06492 0 PENI HIGHWAY B.O.I. N.: 557823
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A570M and A370.

ASSETU: W27U-36-UU/W27U-50-U0
 ASME: SA-36
 ASTM: A592-04a://A36-03/A572-06-50/A709-06a36/a709-345M
 CSA: CSA-44W/G40.21-50M

HUGER

Description	Heat#	Crack(s) Test	Yield/ Tensile Ratio	Elong %	C Pb	Mo Ti	P S	S Al	Si V	Cu Ni	Mn P	S Al	Si V	Zn Fe	CE1 CE2	PCm	
																	Yield (PSI)
W12x16	1613729	A992-04a	.80	28.08	.0660	.0250	.0081	.0165	.2560	.0816	.0330	.0165	.2560	.0816	.2222		
045' 00.00'	A992-04a		.82	26.54	.0665	.0220	.0054	.0018	.0033	.0146	.0330	.0018	.0033	.0146	.2677		
W310x23.8			.82	26.54	.0665	.0220	.0054	.0018	.0033	.0146	.0330	.0018	.0033	.0146	.2677		
013.716m			.82	26.54	.0665	.0220	.0054	.0018	.0033	.0146	.0330	.0018	.0033	.0146	.2677		
W12x19	1613722	A992-04a	.80	16.45	.0650	.0240	.0068	.0238	.2300	.0830	.0300	.0238	.2300	.0830	.2191		
025' 00.00'	A992-04a		.82	16.56	.0650	.0210	.0098	.0009	.0026	.0263	.0300	.0009	.0026	.0263	.2628		
W310x28.3			.82	16.56	.0650	.0210	.0098	.0009	.0026	.0263	.0300	.0009	.0026	.0263	.2628		
007.670m			.82	16.56	.0650	.0210	.0098	.0009	.0026	.0263	.0300	.0009	.0026	.0263	.2628		
W12x19	1613076	A992-04a	.81	23.38	.0710	.0030	.0087	.0245	.2450	.0580	.0260	.0245	.2450	.0580	.2191		
025' 00.00'	A992-04a		.82	23.35	.0710	.0180	.0039	.0011	.0042	.0264	.0300	.0011	.0042	.0264	.2632		
W310x28.3			.82	23.35	.0710	.0180	.0039	.0011	.0042	.0264	.0300	.0011	.0042	.0264	.2632		
007.620m			.82	23.35	.0710	.0180	.0039	.0011	.0042	.0264	.0300	.0011	.0042	.0264	.2632		
W12x19	2613041	A992-04a	.82	26.23	.0740	.0480	.0091	.0233	.2320	.0720	.0350	.0233	.2320	.0720	.2314		
012' 00.00'	A992-04a		.63	26.86	.0623	.0180	.0049	.0000	.0038	.0247	.0350	.0000	.0038	.0247	.2717		
W310x28.3			.63	26.86	.0623	.0180	.0049	.0000	.0038	.0247	.0350	.0000	.0038	.0247	.2717		
009.7536m			.63	26.86	.0623	.0180	.0049	.0000	.0038	.0247	.0350	.0000	.0038	.0247	.2717		

HUGER

CE1 = C+(Mn/5)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)
 PCm = C+(Si/30)+((Mn/20)+(Cu/20)+((Ni/60)+(Cr/20)+(Mo/15)+(V/10))+S

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Benita A. Work
 Metallurgist

HUGER

053 08-18 TO: 12030794260

DATE 8/07/06
 INVOICE NO. 64885
 BILL OF LADING 798159
 CUSTOMER NO. 9310
 CUSTOMER P.O. P C18823 FF

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M 03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARTY IMPACT TEMP	CHARTY IMPACT ENERGY	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Co	CE
					PSI	MPa	%	° F	FT-LBS												
1	W10 - 68.0 40' W250 x101.0 12.192 M	1	279136	.71	51000	72000	26			.06	1.18	.011	.039	.30	.30	.13	.18	.03	.01	.020	.33
2	W10 - 68.0 40' W250 x101.0 12.192 M	1	279151	.73	53000	73000	25			.07	1.17	.014	.035	.33	.31	.12	.12	.03	.01	.027	.33
3	W10 - 68.0 40' W250 x101.0 12.192 M	1	279152	.72	53000	74000	25			.06	1.10	.014	.028	.29	.31	.15	.13	.03	.01	.020	.30
4	W10 - 68.0 40' W250 x101.0 12.192 M	1	279154	.70	52000	74000	26			.07	1.12	.014	.028	.30	.31	.16	.13	.04	.01	.023	.33
5	W10 - 68.0 40' W250 x101.0 12.192 M	3	279167	.71	53000	75000	25			.08	1.10	.013	.031	.31	.32	.12	.13	.03	.00	.022	.32
6	W10 - 68.0 40' W250 x101.0 12.192 M	1	279171	.75	53000	71000	25			.05	1.10	.017	.038	.27	.31	.12	.15	.03	.01	.021	.30
7	W10 - 68.0 40' W250 x101.0 12.192 M	1	279178	.71	53000	75000	25			.09	1.10	.017	.033	.32	.32	.16	.15	.03	.01	.022	.34
8	W10 - 77.0 40' W250 x115.0 12.192 M	2	279656	.74	52000	70000	27			.08	1.21	.016	.031	.31	.31	.10	.08	.03	.01	.024	.33
9	W10 - 77.0 40' W250 x115.0 12.192 M	1	279658	.74	54000	73000	25			.08	1.21	.020	.036	.32	.34	.09	.09	.02	.01	.021	.33

Carbon Equivalent: CE = C(Mn) + C + Ni(S) + (Cr+Mn)S + (Ni+Co)S

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 7 Day of 08/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2010



NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-8000

MILL TEST REPORT

9/24/06 17:46:22
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 B O L. H.: 56440

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHIO : W270-36-00/W270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSR : CSA-44W/540.21-50W

HUGER

Description	Heath Crads(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (MPa)	C Pb	Ma Mo	Si V	S Al	P Sn	Ca	NI X1000	CU Nb	Zr	CEL CE2 PCM
W10x12 040' 00.00' W250X17.9 012.1920m	2615664 A992-06	.81	58600	72200	26.38	.0700 .0740 .0105	.8750 .0240 .0014	.1670 .0038 .0068	.0340 .0028 .0032	.0090 .0168 .0033		.0860	.2840 .0128 .0000		.2609 .2913 .1565
8 Piece(s) Customer PO: C19787															
W10x15 040' 00.00' W250X22.3 012.1920m	2615662 A992-06	.82	60400	73800	25.76	.0670 .0690 .0109	.9000 .0270 .0013	.1540 .0039 .0065	.0415 .0024 .0031	.0108 .0174 .0008		.0940	.3080 .0136 .0000		.2638 .2922 .1551
16 Piece(s) Customer PO: C19787															
W10x15 040' 00.00' W250X22.3 015.2400m	2615597 A992-06	.82	57000	69700	26.88	.0690 .0450 .0062	.8660 .0250 .0812	.1970 .0035 .0068	.0425 .0022 .0024	.0079 .0174 .0008		.1010	.3160 .0133 .0000		.2558 .2913 .1525
80 Piece(s) Customer PO: C19747															
W10x15 050' 00.00' W250X22.3 015.2400m	2615513 A992-06	.81	56200	69700	27.50	.0730 .0570 .0038	.8550 .0260 .0011	.1970 .0032 .0071	.0335 .0020 .0026	.0076 .0169 .0014		.0910	.2640 .0136 .0000		.2564 .2920 .1548
32 Piece(s) Customer PO: C19747															
WBX35 040' 00.00' W200X32 012.1920m	2615797 A992-06	.82	56300	68600	23.85	.0660 .0280 .0080	1.0230 .0230 .0013	.2870 .0039 .0053	.0349 .0038 .0001	.0102 .0053 .0001		.0440	.0790 .0291 .0000		.2557 .3093 .1431
60 Piece(s) Customer PO: C19787															

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.81Cu+5.88Ni+1.20Cr+11.49Si+17.28P-(7.29CUMN)-(9.10N18P)-33.39(CURCU)
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+58
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist
 (State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____)

17:48 09-24

From: NUCOR STEEL

To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

10/04/06 4:51:17
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 VENT HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 302 - 1
 B.O.L. #: 568730

SHIP TO: INFRA-METALS CO
 8 VENT HIGHWAY
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 ARS#D : M270-36-00/H270-50-00
 ASME : SA-36
 ASTM : A992-06 // A36-05/A572-06-50/A709-06/A709-06/A709-06/A50/A709-345M
 CSR : CSA-44V/G40.21-50W

FROM: HUGER

Description	Heat#	Yield/ Tensile Ratio	Yield (PSI)	Yield (MPa)	Elong %	C	Mn	P	S	Si	Cu	Ni	CE1	
	Test		(PSI)	(MPa)	%	Cr	Mo	Sa	Al	V	Nb	CI	CE2	
						Pb	Ti	Ca	B	N	Zr	CI	Pcm	
M12X1.5X10.6	2615208	.78	55000	70300	26.56	.0650	.8520	.0144	.0384	.2210	.1190	.0460	.2321	
040' 00.00'	A992-06		379	485		.0410	.0250	.0066	.0025	.0047	.0117		.2713	
M310X15.8		.80	55200	69400	26.54	.0098	.0016	.0000	.0021	.0059	.0000	3.3822	.1362	
012.1920m			381	479		240 piece(s) Customer PO: C19445								InvH: 0
M10X12	1615673	.80	54000	68500	26.18	.0630	.8390	.0068	.0374	.2070	.1620	.0510	.2306	
030' 00.00'	A992-06		378	472		.0370	.0290	.0087	.0038	.0028	.0116		.2674	
M250X17.9		.81	55400	68500	26.73	.0056	.0015	.0013	.0012	.0052	.0000	3.9422	.1307	
009.1440m			382	470		32 piece(s) Customer PO: C20454								InvH: 0
M10X12	2615594	.81	58100	71800	25.98	.0730	.8710	.0061	.0379	.2480	.3430	.0980	.2635	
050' 00.00'	A992-06		401	495		.0520	.0290	.0152	.0023	.0037	.0129		.3074	
M250X17.9		.81	59200	72700	27.71	.0083	.0014	.0000	.0034	.0073	.0000	5.6602	.1600	
015.2400m			408	501		11 piece(s) Customer PO: C20454								InvH: 0
M10X12	2615597	.82	59100	71800	26.10	.0720	.8590	.0064	.0362	.1830	.3380	.0920	.2559	
050' 00.00'	A992-06		407	495		.0430	.0310	.0147	.0027	.0032	.0129		.2890	
M250X17.9		.81	58000	71500	26.61	.0052	.0013	.0006	.0022	.0061	.0000	5.5365	.1539	
015.2400m			400	493		29 piece(s) Customer PO: C20454								InvH: 0
M10X15	2615551	.82	56800	69200	29.65	.0610	.8230	.0078	.0296	.1520	.3010	.0860	.2431	
040' 00.00'	A992-06		392	477		.0670	.0260	.0167	.0032	.0029	.0114		.2708	
M250X22.3		.80	55700	69400	28.75	.0047	.0015	.0007	.0009	.0070	.0000	5.3844	.1335	
012.1920m			384	479		9 piece(s) Customer PO: C20454								InvH: 0

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.88Mn+1.20Cr+1.49Si+17.28P-(7.29CuMn)-(9.1081P)-33.39(CuCu)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist
 State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

day of

DATE 10/05/06
 INVOICE NO. 80833
 BILL OF LADING 808697
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19817

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT
 100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/AGM-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	MPa			°F	FT-LBS													
					MPa	MPa			°C	JOULES													
1	W16 - 57.0 30' W410 x 85.0 9.144 M	2	280502	.73	51000	70000	27					.08	1.12	.020	.033	.30	.30	.12	.13	.03	.02	.017	.34
				.72	51000	71000	26													.01	.18		
					352	483	27																
					352	490	26																
2	W16 - 57.0 30' W410 x 85.0 9.144 M	5	280504	.73	54000	74000	26					.08	1.11	.017	.037	.33	.35	.11	.14	.03	.01	.019	.34
				.73	54000	74000	26													.01	.18		
					372	510	26																
					372	510	26																
3	W16 - 57.0 30' W410 x 85.0 9.144 M	3	280506	.72	52000	72000	25					.06	1.10	.014	.034	.32	.32	.10	.10	.03	.00	.019	.30
				.73	52000	71000	25													.01	.16		
					359	496	25																
					359	490	25																
4	W16 - 57.0 30' W410 x 85.0 9.144 M	2	281951	.72	54000	75000	26					.06	1.12	.017	.037	.28	.31	.11	.11	.03	.01	.022	.31
				.72	54000	75000	26													.01	.16		
					372	517	26																
					372	517	26																
5	W16 - 57.0 35' W410 x 85.0 10.668 M	3	280508	.74	54000	73000	25					.07	1.11	.014	.039	.33	.28	.10	.11	.03	.01	.023	.32
				.74	55000	74000	25													.01	.16		
					372	503	25																
					379	510	25																
6	W16 - 57.0 35' W410 x 85.0 10.668 M	2	280510	.74	53000	72000	26					.05	1.10	.019	.032	.29	.30	.11	.12	.03	.00	.023	.29
				.73	52000	71000	27													.01	.15		
					365	496	26																
					359	490	27																
7	W16 - 57.0 35' W410 x 85.0 10.668 M	1	280702	.73	55000	75000	26					.08	1.20	.018	.027	.27	.30	.12	.11	.03	.01	.026	.34
				.73	55000	75000	25													.01	.18		
					379	517	26																
					379	517	25																
8	W16 - 57.0 35' W410 x 85.0 10.668 M	2	282038	.73	55000	75000	26					.07	1.13	.012	.033	.26	.33	.11	.08	.03	.00	.021	.31
				.72	52000	72000	27													.01	.16		
					379	517	26																
					359	496	27																
9	W16 - 57.0 35' W410 x 85.0 10.668 M	1	282339	.72	53000	74000	25					.08	1.12	.017	.039	.32	.36	.14	.14	.03	.00	.025	.33
				.73	53000	73000	25													.01	.18		
					365	510	25																
					365	503	25																

FORM 10-06-16 • C • S • L • D • 10-23 • 18 • 19 • 20 • 21 • 22 • 23 • 24 • 25 • 26 • 27 • 28 • 29 • 30 • 31 • 32

CARBON EQUIVALENT: CE = C + Mn/6 - (Cr + Mo + V)/5 + (Ni + Cu)/15

Conversion factor: 1 MPa = 145.038 psi

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
 QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 5 Day of 10/06
 Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2011



GERDAU AMERISTEEL

CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42029 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-021412

PRODUCED IN: CALVERT CITY

SHIP TO
INFRA METAL-PREUSSAG INT'L
8 PENT HIGHWAY
203-294-2990 APPT JOE COSTELLO
WALLINGFORD, CT 06492

INVOICE TO
INFRA METALS CT
ATTN: RALPH CAVAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SHIP DATE
07/28/06
CUST. ACCOUNT NO
50042985

SALES ORDER
6029189-06
CUST P.O. NUMBER
C19526

SHAPE & SIZE		GRADE		SPECIFICATION													
CS X 13.4F		A36572G50		ASTM A36-06, A709 GR36, A572-50, A709 GR50													
C	Mn	P	S	Si	Cu	Ni	Cr	Mb	V	Nb	N	Sn	Al	C	Eqv		
.17	.77	.008	.008	.32	.19	.07	.10	.020	.012	<.008	.0075	.010	.001	.343			

Mechanical Test: Yield 53000 PSI, 365.42 MPA Tensile: 71000 PSI, 489.53 MPA %EI: 25.08in, 25.0/203.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST
Mechanical Test: Yield 51000 PSI, 351.63 MPA Tensile: 71000 PSI, 489.53 MPA %EI: 26.05in, 26.0/203.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

SALES ORDER
6029189-07
CUST P.O. NUMBER
C19526

SHAPE & SIZE		GRADE		SPECIFICATION													
CS X 15.0R		A36		ASTM A36-05, A709 GR36, A572-50, A709 GR50													
C	Mn	P	S	Si	Cu	Ni	Cr	Mb	V	Nb	N	Sn	Al	C	Eqv		
.17	.80	.011	.028	.27	.23	.11	.13	.030	.013	<.008	.0050	.012	.002	.358			

Mechanical Test: Yield 54000 PSI, 372.32 MPA Tensile: 76000 PSI, 524 MPA %EI: 21.08in, 21.0/203.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST
Mechanical Test: Yield 56000 PSI, 386.11 MPA Tensile: 77000 PSI, 530.9 MPA %EI: 25.08in, 25.0/203.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

Customer Notes

A36: ASTM A36-00A & ASTM A709 GR36

This material, including the billets, was melted and manufactured in the United States of America

Bhaskar Yalamanchili
Quality Director
Gerdau Ameristeel

Maackay

Alvin L. Phipps

Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/22/06 18:13:22
 100% MELTED AND MANUFACTURED IN THE USA
 All bars produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CI
 8 WEST BIGHWAY
 WALLINGFORD, CT 06492

SHLP To: INFRA METALS CORP - CI
 8 WEST BIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 S.O.I. No.: 579794

SPECIFICATIONS: Tested in accordance with ASTM specification A6/ACM and A370.

ASHTO : M270 36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345H
 CSA : CSA-442/640.21-50W

HUGER

Description	Heat Grade(s) Test	Yield/ Tensile Ratio (MPa)	Yield/Tensile Ratio (PSI)	Elong (%)	C Pb	Mn Ti	P S	Ni Nb Zr	Cu Zr	Si V N	Al B	F Ca	Mg Sn	S B	Ni Nb Zr	CE1 CE2 PCB	
																	12 Place(s)
C8X11.5	1618533	.84	56900	68100	27.39	.0650	.8190	.0392	.1200	.0430	.2228	.0430	.0000	.0000	.0000	.0000	.2228
040' 00.00'	A992-06	.83	57600	69500	26.49	.0614	.0210	.0362	.0271	.0000	.2649	.0271	.0000	.0000	.0000	.0000	.2649
C200X17.1																	
U12.1920m																	
C8X11.5	1618533	.84	56900	68100	27.39	.0650	.8190	.0392	.1200	.0430	.2228	.0430	.0000	.0000	.0000	.0000	.2228
040' 00.00'	A992-06	.83	57600	69500	26.49	.0614	.0210	.0362	.0271	.0000	.2649	.0271	.0000	.0000	.0000	.0000	.2649
C200X17.1																	
U12.1920m																	
C8X11.5	2618536	.84	59200	70300	27.68	.0740	.8140	.0070	.1080	.0360	.2306	.0360	.0000	.0000	.0000	.0000	.2306
040' 00.00'	A992-06	.82	58300	70800	27.10	.0678	.0270	.0050	.0276	.0000	.2800	.0276	.0000	.0000	.0000	.0000	.2800
C200X17.1																	
U12.1920m																	
C8X11.5	1618543	.84	57700	68800	28.29	.0560	.8580	.0070	.1170	.0370	.2297	.0370	.0000	.0000	.0000	.0000	.2297
050' 00.00'	A992-06	.83	58300	69900	27.83	.0610	.0190	.0020	.0280	.0000	.2764	.0280	.0000	.0000	.0000	.0000	.2764
C200X17.1																	
U12.2400m																	

CE1 = C*((Mn/6)+((Cr+Mo+V)/5))+((Ni+Cu)/15)
 CE2 = C*((Mn/6)+((Cr+Mo+V)/5))+((Ni+Cu)/15)
 PCB = C*((Mn/6)+((Cr+Mo+V)/5))+((Ni+Cu)/15)
 Pcm = C*((Si/30)+(Mn/20)+(Cr/20)+(Mo/15)+(V/15))+58

Elongation based on 0' (20.32cm) gauge length. No Weld Repair was performed.
 CT = 26.0(Cu+3.8Mn+1.20Cr+1.28P+7.29C)/17.28P (7.29C)/17.28P -33.39(Cu/Ca)
 State of: South Carolina
 County of: Berkeley
 Sworn and subscribed before me
 Bruce N. Work
 Metallurgist
 day of _____

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

8:15 11-22 To: 12038794260

GERDAU AMERISTEEL

CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42028 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-021569

PRODUCED IN: CALVERT CITY

SHIP TO
INFRA METAL-PRELUSSAG INTNL
8 PENT HIGHWAY
203-284-2880 APPPT/JOE COSTELLO
WALLINGFORD, CT 06492

INVOICE TO
INFRA METALS CT
ATTN: RALPH CAIAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SHIP DATE
08/02/06
CUST. ACCOUNT NO
500429893

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C7 X 12.25#	A36	ASTM A36-05, ASTM A709 GR50	6023198-01	C19526

HEAT I.D.
Y029024
C .14 Mn .70 P .013 S .028 Cu .24 Si .27 Ni .07 Cr .14 Mo .000 V .000 Nb .010 Sn .010 C Eqv .317

Mechanical Test: Yield 53000 PSI, 385.42 MPA Tensile: 72000 PSI, 498.42 MPA %EL: 27.08%, 27.02@0.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 53000 PSI, 385.42 MPA Tensile: 72000 PSI, 498.42 MPA %EL: 23.08%, 23.02@0.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C8 X 11.5#	A36/572050	ASTM A36-05, A709 GR50, A572-50, A709 GR50	6043773-01	C19402

HEAT I.D.
Y025967
C .14 Mn .72 P .012 S .027 Cu .31 Ni .08 Cr .13 Mo .030 V .017 Nb .000 Ti .0321 C Eqv .321

Mechanical Test: Yield 57000 PSI, 390 MPA Tensile: 73000 PSI, 503.32 MPA %EL: 25.08%, 25.02@0.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 59000 PSI, 398.11 MPA Tensile: 73000 PSI, 503.32 MPA %EL: 25.08%, 25.02@0.2mm Std Dev:0
Customer Requirements CASTING: STRAND CAST

Customer Notes

ASR: ASTM A36-00A & ASTM A709 GR50

This material, including the billets, was melted and manufactured in the United States of America

Bluckler Yeaman
Quality Director
Gerdau Ameristeel

Shackley

Alan L. Akers

Mgr. Marketing Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

NOVA TUBE AND STEEL CORPORATION
 600 Dean Sievers Place
 Morrisville, PA, 19067
 Tel: 215-295-8813 Fax: 215-295-8798

TEST CERTIFICATE

Sold to: INFRA-METALS CORP.
 Ship to: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CONNECTICUT

DATE SHIPPED: 12/05/06
 B/L #: 146083
 P.O. #: C20519NF
 SALES ORDER #: 124522

06492

s0p12h10v0s0b3T

Description	Dimensions	Pcs	Mill/Heat Number	Specifications
HSS Square Tubing	4x4x0.250x480 } TO 44 x 40	48	MIT /401E2991	ASTM A 500 B/C
HSS Square Tubing	4x4x0.250x480	12	MIT /401E3001	ASTM A 500 B/C
HSS Square Tubing	6x6x0.375x480 } TO 66 x 40	12	MIT /412E0381	ASTM A 500 B/C
HSS Square Tubing	6x6x0.375x480	6	MIT /401E5031	ASTM A 500 B/C

s0p15h12v0s0b3T

Heat Number	Chemical Analysis															
	C	Mn	P	S	Si	Cu	Ni	Cr	Cb	Mo	V	Al	N	Sn	B	Ti
MIT/401E2991	0.060	0.560	0.013	0.008	0.011	0.030	0.020	0.040	0.020	0.008	0.001	0.042	0.005	-	-	-
MIT/401E3001	0.060	0.570	0.015	0.008	0.009	0.020	0.020	0.040	0.019	0.009	0.001	0.050	0.005	-	-	-
MIT/412E0381	Melted & Manufactured in U.S.A.															
MIT/412E0381	0.100	0.640	0.016	0.019	0.011	0.030	0.020	0.020	0.007	0.009	0.001	0.057	0.004	-	-	-
MIT/401E5031	0.100	0.610	0.018	0.018	0.005	0.020	0.020	0.020	0.008	0.008	0.001	0.053	0.004	-	-	-

s0p10h12v0s0b3T

Mechanical Test Results				
Heat Number/Size	Yield Strength	Tensile Strength	Elong. %	Hardness
MIT/401E2991 4x4x0.250	67,528	69,022	25.00	
MIT/401E3001 4x4x0.250	64,277	69,114	25.00	
MIT/412E0381 6x6x0.375	59,308	65,772	23.00	
MIT/401E5031 6x6x0.375	61,312	63,402	30.00	

continue. . .

s0p10h12v0s0b3T

pg. 1062

GOVA TUBE AND STEEL CORPORATION
600 Dean Sievers Place
Harrisville, PA, 19067
Tel: 215-295-8813 Fax: 215-295-8798

T E S T C E R T I F I C A T E

Sold to: INFRA-METALS CORP. DATE SHIPPED: 12/05/06
Ship to: INFRA-METALS CORP. B/L #: 146083
8 PENT HIGHWAY P.O. #: C20519MF
WALLINGFORD, CONNECTICUT SALES ORDER #: 124522

06492

	Heat #	Manufactured in
NIT /401E2991		United States
NIT /401E3001		United States
NIT /412E0381		United States
NIT /401E5031		United States

pg. 2 of 2

Authorized by Andrew Hurlbrink, Quality Ctrl Dept
DEC 5, 2006 20:22:09
s0p10h12v0s0b3f
s0p10h12v0s0b3f

PO#17319-2

DATE	8/26/06
INVOICE NO.	70208
BILL OF LADING	801863
CUSTOMER NO.	7717
CUSTOMER P.O.	C20140

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	* F													FT-LBS
1	W24 - 76.0 55' W610 x113.0 16.764 M	3	280840	.74	55000	74000	25				.08	1.22	.020	.021	.21	.32	.11	.11	.03	.00	.014	.34
				.75	56000	75000	25												.01	.18		
					379	510	25															
					386	517	25															
2	W24 - 76.0 55' W610 x113.0 16.764 M	1	280843	.75	56000	75000	25				.08	1.21	.020	.020	.20	.33	.13	.10	.04	.00	.017	.34
				.76	57000	75000	25												.01	.18		
					386	517	25															
					393	517	25															
3	W24 - 76.0 55' W610 x113.0 16.764 M	2	280862	.75	56000	75000	27				.07	1.21	.031	.025	.22	.32	.11	.17	.03	.00	.015	.34
				.75	56000	75000	27												.01	.17		
					386	517	27															
					386	517	27															
4	W24 - 76.0 65' W610 x113.0 19.812 M	6	280902	.75	56000	75000	25				.08	1.20	.015	.021	.20	.33	.12	.10	.04	.00	.014	.34
				.74	56000	76000	25												.01	.18		
					386	517	25															
					386	524	25															

FORM 10-01-0001 CARBON EQUIVALENT: CE = CE(HT) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
Correction Index: CI = 0.0011(Cu) + 0.0001(Mn) + 0.0001(Cr) + 0.0001(Mo) + 0.0001(V) + 0.0001(Ni) + 0.0001(Cu)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell

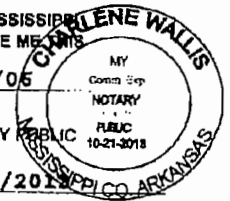
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

28 Day of 08/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164509
Load No: 1070841
Manifest No: 1786766

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
60 FT / 18.288 M

GRADE
992/572-50

SIZE
W 24 X 76# / W610 X 113

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30305150

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.13	.011	.033	.21	.33	.10	.06	.016	.016	.001	.001	.019	.3

PHYSICAL PROPERTIES

Yield Strength KSI	55.1	379.9
MPa	57.3	395.1
Tensile Strength KSI	71.8	495.0
MPa	73.9	509.5

Specimen Area Sq In	0.978	6.31	25.4	8In	200 mm
Sq cm	1.026	6.62	23.5	8In	200 mm
Elongation %					
Gage Length					

Bend Test
Dia. Result
ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 13, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 9 of 12

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 04/17/2006
PO No: C19693
Mill Order No: 3125897
Load No: 1027096
Manifest No: 1745320

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HMY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

SIZE W 24 X 76# / W610 X 113 GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30290260

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.18	.011	.029	.24	.34	.10	.09	.022	.011	.004	.004	.023	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
58.7	75.6	1.306	22.1	8In	200 mm
57.7	74.6	1.327	24.4	8In	200 mm
	521.2	8.43			
	514.3	8.56			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Apr. 23, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 11 of 17

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164494
 Load No: 1071687
 Manifest No: 1786901

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 24 X 68# / W610 X 101

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30309290

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.15	.011	.036	.21	.39	.12	.09	.017	.013	.002	.002	.016	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
56.4	72.6	0.852	25.8	8In	200 mm
56.2	72.1	0.913	29.8	8In	200 mm
388.9	500.6	5.50			
387.5	497.1	5.89			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 14, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 31 of 70

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 07/18/2006
PO No: C19879
Mill Order No: 3176903
Lead No: 1047216
Manifest No: 1765607

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT H'GHWAY
8 PENT HWY
WALLINGFORD
CT US
06492

CT US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 24 X 62# / W610 X 92

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.98	.012	.037	.20	.39	.10	.06	.018	.017	.001	.001	.018	.28

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
MPa	MPa	Sq In	%	Dia.	%
KSI	KSI	Sq cm	Gage Length	Result	
53.6	70.2	0.931	23.0		
388.2	488.1	0.825	23.0		
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTF complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Jul. 27, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 3 of 8

DATE	2/25/06
INVOICE NO.	25407
BILL OF LADING	773877
CUSTOMER NO.	7717
CUSTOMER P.O.	C18750

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

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N
S
ASTM A992/A992M-04a A572/A572M GR50-03a
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-04a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492-0000

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	TEMP	IMPACT ENERGY													MPa
1	W24 - 55.0 30' W610 x 82.0 9.144 M	25	270350	.75	53000	71000	25				.08	1.10	.024	.039	.31	.34	.13	.14	.03	.00	.016	.32
				.76	53000	70000	26													.01	.18	
2	W24 - 55.0 32' W610 x 82.0 9.754 M	3	270259	.74	52000	70000	26				.08	1.10	.031	.038	.32	.30	.11	.16	.03	.00	.016	.33
				.76	53000	70000	26													.01	.18	

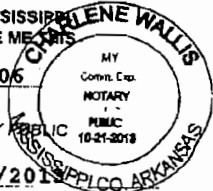
ITEM # 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
 CARBON EQUIVALENT: CE = CE(17) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
 Conversion Index: C(25.0)(%Cu)+3.48(%Ni)+1.38(%Cr)+1.48(%Mn)+17.24(%P)+1.26(%S)+0.10(%Mo)+0.07(%V)+0.29(%Cu)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lennell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
27 Day of 02/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2015



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164451
 Load No: 1075368
 Manifest No: 1791415

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT US
 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 21 X 44# / W530 X 66

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	1.00	.011	.032	.22	.33	.09	.07	.014	.015	.000	.000	.019	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
54.3	71.5	0.711	27.5	8In	
56.3	72.0	0.734	23.8	8In	
	493.0	4.59		200 mm	
	496.4	4.74		200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 05, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 47 of 105

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

- ASTM A992/A992M-06a A572/A572M GR50-04
- ASTM A709/A709M-03a GR50 (345)
- ASTM A709/A709M-03a GR50 (345)
- ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S T A C I F I C E P S

DATE	9/18/06
INVOICE NO.	76294
BILL OF LADING	805549
CUSTOMER NO.	9310
CUSTOMER P.O.	C19782

INFR-A-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES													
				YIELD TENSILE RATIO	MPa	PSI	% ELONG	CHARPY IMPACT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Sn	Pcm	CI
1	W460 x 52.0	35'	1 W18 - 35.0	74	53000	72000	24	.09	1.11	.015	.025	.28	.31	.10	.09	.03	.01	.18	.01	.016	.34
2	W460 x 60.0	40'	2 W18 - 40.0	75	51000	68000	25	.05	1.10	.013	.032	.28	.26	.10	.08	.03	.01	.13	.01	.017	.27

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 18 Day of
 09/06
 My Commission Expires 10/21/2011
 NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2011
 NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2011

Bill To: INFERA-METALS CORPORATION-CT, R INFERA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 MALLINGFORD CT MALLINGFORD
 06492 US 06492

Ship To: 1
 Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164381
 Load No: 1074913
 Manifest No: 1791227

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

SIZE M 18 X 40# / M460 X 60
 GRADE 992/572-50
 LENGTH 40 FT / 12.192 M
 PRODUCT WF BEAMS

HEAT NO: 30294950

CHEMICAL ANALYSIS

C Mn P S Si Cu Ni Cr Mo Sn V Al Nb CE
 .07 1.35 .030 .037 .14 .46 .11 .18 .017 .019 .009 .001 .009 .37

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength Mpa	Tensile Strength KSI	Tensile Strength Mpa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
51.9	357.8	71.9	495.7	0.911	5.88	27.9	8in	200 mm	
51.0	351.6	71.1	490.2	0.932	6.01	27.0	8in	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 05, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 93 of 105

CERTIFIED MILL TEST REPORT

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50 (345)
ASTM A6/A6M-05a

DATE	11/13/06
INVOICE NO	90791
BILL OF LADING	814884
CUSTOMER NO	9310
CUSTOMER P.O.	C18996

S H I P M E N T
INTRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

O R D E R S
INTRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	YIELD STRENGTH (MPa)	TENSILE STRENGTH (PSI)	ELONG	TEMP	CHARPY IMPACT	CHEMICAL PROPERTIES												
										C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE	
1	W16 - 31.0	21	284122	.81	61000	75000	24	24	24	24	.08	1.00	.016	.029	.29	.32	.11	.12	.03	.00	.17	.31
2	W16 - 31.0	1	284275	.81	57000	70000	22	24	24	24	.07	.92	.023	.028	.23	.31	.11	.14	.02	.00	.16	.28
3	W16 - 31.0	3	284921	.81	59000	73000	23	24	24	24	.06	.97	.021	.039	.24	.34	.12	.16	.03	.00	.19	.29
4	W16 - 31.0	3	284923	.82	62000	76000	24	25	25	25	.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.15	.29

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
11/06
Day of
Charlene Wallis
NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2013

QUALITY ASSURANCE

CUSTOMER COPY

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

INFRAMETALS CORP.
 8 BENT HIGHWAY
 TRACK # 953
 WASHINGTON, CT 06492

DATE	11/06/06
INVOICE NO	88970
BILL OF LADING	813634
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

INFRAMETALS CORP.
 8 BENT HIGHWAY
 WASHINGTON, CT 06492

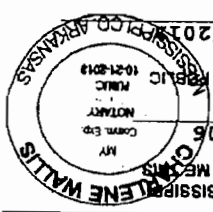
ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES										
				YIELD STRENGTH	TENSILE	ELONG	TEMP	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	CE
1	W16 - 31.0	1	284872	81.63000	78000	27	0.08	.96	.014	.036	.28	.30	.12	.12	.03	.00	.017	.30
2	W16 - 31.0	2	284894	82.64000	78000	25	0.06	.90	.017	.037	.28	.36	.12	.16	.03	.00	.015	.28
3	W16 - 31.0	44	284895	82.64000	78000	24	0.05	1.00	.021	.036	.30	.34	.12	.22	.03	.00	.019	.30
4	W16 - 31.0	23	284120	82.58000	71000	23	0.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28
5	W16 - 31.0	10	284395	79.58000	73000	24	0.05	.96	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26
6	W16 - 31.0	1	284416	80.60000	75000	24	0.07	.91	.017	.033	.26	.29	.11	.12	.02	.00	.016	.28
7	W16 - 31.0	3	284912	81.60000	74000	24	0.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26
8	W16 - 31.0	5	284923	82.62000	76000	24	0.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29



STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 11/06
 Day of
 November
 2006
 My Commission Expires 10/21/2011

CUSTOMER COPY
 QUALITY ASSURANCE
 [Signature]

ELONGATION BASED ON 8.00 INCH GAGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designed by the purchaser, meet the applicable specifications.



STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 MY COMMISSION EXPIRES 10/21/2013
 NOTARY PUBLIC
 Stephen Wallis
 Day of 13
 11/06
 SWORN TO AND SUBSCRIBED BEFORE ME

CUSTOMER COPY
 QUALITY ASSURANCE
 Blytheville

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

ITEM #	DESCRIPTION	QTY	HEAT #	YIELD			TENSILE			CHARPY IMPACT			CHEMICAL PROPERTIES																						
				YIELD STRENGTH	ELONG	TEMP	PSI	FT-LBS	PSI	FT-LBS	TEMP	C	Mn	P	S	SI	CU	NI	CR	MO	V	CB	CE												
1	W16 - 31.0	1	274912	80	61000	76000	23	81	58000	72000	22	23	400	490	23	08	90	016	035	26	34	10	10	03	01	018	29	01	17	01	15	01	01	021	28
2	W16 - 31.0	1	284120	82	58000	71000	23	81	58000	72000	22	23	400	490	22	07	94	007	024	30	26	11	10	04	01	018	29	01	17	01	15	01	01	021	28
3	W16 - 31.0	2	284280	80	60000	75000	25	81	61000	75000	27	25	400	496	22	08	90	021	025	25	30	11	12	02	00	015	29	01	17	01	15	01	01	021	28
4	W16 - 31.0	1	284340	81	60000	74000	24	81	60000	74000	24	24	400	496	22	06	99	020	029	22	27	12	14	03	00	018	29	01	17	01	15	01	01	021	28
5	W16 - 31.0	1	284395	79	58000	73000	24	80	59000	74000	25	25	400	496	22	05	96	022	023	25	34	11	10	02	00	019	26	01	17	01	15	01	01	021	28
6	W16 - 31.0	1	284519	83	62000	75000	26	83	62000	75000	26	26	400	496	22	06	92	017	032	25	29	10	11	02	00	015	27	01	17	01	15	01	01	021	28
7	W16 - 31.0	1	284811	80	60000	75000	25	81	60000	74000	24	24	400	496	22	06	90	016	036	27	34	12	17	03	00	016	28	01	17	01	15	01	01	021	28
8	W16 - 31.0	1	284915	81	60000	74000	25	81	60000	74000	25	25	400	496	22	06	97	025	031	22	33	12	17	02	00	018	29	01	17	01	15	01	01	021	28
9	W16 - 31.0	4	284929	84	63000	75000	25	84	63000	75000	24	24	400	496	22	06	92	020	039	27	35	10	14	02	00	015	27	01	17	01	15	01	01	021	28
10	W10 x 46.1																																		

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

INFRRA-METALS CORP.
 8 BENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

INFRRA-METALS CORP.
 8 BENT HIGHWAY
 WALLINGFORD, CT 06492

DATE 11/13/06
INVOICE NO. 90792
BILL OF LADING 814885
CUSTOMER NO. 9310
CUSTOMER P.O. C 20376

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

INFRAMETALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

INFRAMETALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

DATE	11/10/06
INVOICE NO.	90314
BILL OF LADING	814662
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES											
				YIELD STRENGTH MPa	TENSILE STRENGTH MPa	ELONG %	TEMP IMPACT ENERGY FT-LBS	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	CE	
1	W16 - 31.0 40' W410 x 46.1	1	284517	83	64000	77000	24	0.06	0.99	0.023	0.23	0.42	0.10	0.13	0.02	0.00	0.18	0.29	
2	W16 - 31.0 40' W410 x 46.1	10	284932	82	61000	74000	26	0.06	0.93	0.017	0.34	0.26	0.30	0.11	0.12	0.02	0.00	0.16	0.28
3	W16 - 31.0 45' W410 x 46.1	5	284280	80	60000	75000	25	0.08	0.90	0.021	0.25	0.25	0.30	0.11	0.12	0.02	0.00	0.15	0.29
4	W16 - 31.0 45' W410 x 46.1	8	284282	81	58000	72000	25	0.07	0.94	0.019	0.27	0.21	0.28	0.11	0.11	0.02	0.00	0.14	0.29
5	W16 - 31.0 45' W410 x 46.1	3	284915	81	60000	74000	25	0.06	0.97	0.025	0.31	0.22	0.33	0.12	0.17	0.02	0.00	0.18	0.29
6	W16 - 31.0 45' W410 x 46.1	11	284917	79	61000	77000	26	0.08	0.91	0.022	0.38	0.23	0.30	0.10	0.14	0.02	0.00	0.16	0.29
7	W16 - 31.0 45' W410 x 46.1	8	284919	81	62000	77000	24	0.07	0.91	0.023	0.40	0.27	0.37	0.12	0.16	0.03	0.00	0.17	0.29
8	W16 - 31.0 50' W410 x 46.1	3	284208	78	57000	73000	24	0.08	0.92	0.028	0.16	0.24	0.27	0.10	0.11	0.02	0.00	0.16	0.28
9	W16 - 31.0 50' W410 x 46.1	1	284215	80	59000	74000	24	0.07	0.90	0.020	0.32	0.26	0.28	0.11	0.09	0.02	0.00	0.14	0.27

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
NOTARY PUBLIC
COMM. EXPIRES 10/21/2011
10/21/06
Day of
10
11/06
10/21/2011
MY COMMISSION EXPIRES 10/21/2011

CUSTOMER COPY
QUALITY ASSURANCE
Elongation based on 8.00 inch gauge length

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

CERTIFIED MILL TEST REPORT

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72318

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50 (345)
 ASTM A6/A6M-05a

SPECIAL INFORMATION

INFRAMETALS CORP. 8 BENT HIGHWAY WALLINGFORD, CT 06492		O T D L O S
INFRAMETALS CORP. TRACK # 953 8 BENT HIGHWAY WALLINGFORD, CT 06492		O T D L O S

DATE	11/06/06
INVOICE NO.	88969
BILL OF LADING	813633
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

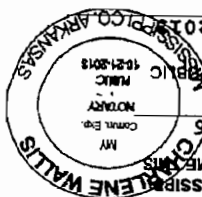
ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES														
				YIELD STRENGTH	TENSILE STRENGTH	ELONG	TEMP	CHARTER IMPACT	C	Mn	P	S	SI	CU	NI	CR	MO	V	Nb	Ti	Al	CL	
																							MPa
1	W16 x 38.8	26	284373	79	56000	71000	23	0.06	.91	.018	.029	.25	.32	.10	.09	.02	.00	.14	.01	.03	.00	.16	.28
2	W16 x 38.8	14	284375	80	59000	74000	23	.07	.90	.016	.030	.24	.30	.11	.10	.03	.00	.16	.01	.03	.00	.16	.28

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE

CUSTOMER COPY



Day of 11/06

6

Gardner Wallis

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2016

Bill To: INERA-METALS CORPORATION-CT, R INERA-METALS CORPORATION-CT
 INERA-METALS CORPORATION-CT, R INERA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492
 Order Date: 06/16/2006
 PO No: C19824
 Mill Order No: 3164053
 Load No: 1064198
 Manifest No: 1780248
 CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

SIZE M 14 X 132# / M360 X 196
 GRADE 992/572-50
 LENGTH 65 FT / 19.812 M
 PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-06a, A572-06
 HEAT NO: 30321820
 CHEMICAL ANALYSIS

C Mn P S Si Cu Ni Cr Mo Sn V Al Nb CE
 .08 1.18 .011 .035 .23 .37 .10 .06 .014 .015 .003 .003 .020 .32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
51.3	69.7	1.587	24.4	8in	200 mm
50.9	69.0	1.570	27.5	8in	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 11, 2006 Signed: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Date: _____
 Page: 18 of 18

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50 (345)
ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE AR 72316

DATE	11/25/06
INVOICE NO.	94591
BILL OF LADING	817153
CUSTOMER NO.	7717
CUSTOMER P.O.	C20360

INFRRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INFRRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES											
				YIELD STRENGTH	TENSILE	ELONG	CHARPY IMPACT	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	CE	
1	W14 - 99.0	1	284902	57000	74000	26	26	.07	1.34	.017	.020	.23	.35	.10	.13	.03	.00	.019	.35
351	W360 x147.0			57000	75000	25	25												
10.668 M				393	517	25	25												

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

CUSTOMER COPY
QUALITY ASSURANCE
Signature

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME
NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2013
11/06
27
Day of
Signature
NOTARY

Bill To: INTRA-METALS CORPORATION-CT, R INTRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD 06492
 Order Date: 06/16/2006
 PC No: 019824
 Mill Order No: 3164027
 Load No: 1063838
 Manifest No: 1779891
 CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Middleham, TX
 76065-9651
 (972) 775-8241

SHIP TO: 1
 SIZE M 14 X 90# / W360 X 134
 GRADE 992/572-50
 LENGTH 65 FT / 19.812 M
 PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-06a, A572-06
 HEAT NO: 30321570
 CHEMICAL ANALYSIS

C	Mn	P	S	SI	Cu	NI	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.09	.010	.035	.18	.30	.10	.05	.017	.019	.002	.002	.019	.3

PHYSICAL PROPERTIES		Tensile Strength		Specimen Area		Elongation		Bend Test		ROA
Yield Strength	KSI	MPa	KSI	Sq In	Sq cm	%	Gage Length	Dia.	Result	%
54.3	374.4	375.8	71.0	1.059	6.83	26.8	8In	200	mm	
54.5	375.8		71.5	1.064	6.86	25.6	8In	200	mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTX complies with DIN EN 10304 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 08, 2006 Signed: _____ Date: _____
 Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 36 of 60

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

STANDARD SPECIFICATION

DATE	11/16/06
INVOICE NO.	91948
BILL OF LADING	815659
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

S I H P O T
INFRRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WAILINGFORD, CT 06492

S I H P O T
INFRRA-METALS CORP.
8 PENT HIGHWAY
WAILINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	YIELD STRENGTH	TENSILE	RATIO	MECHANICAL PROPERTIES			CHEMICAL PROPERTIES													
							ELONG	TEMP	CHARTY IMPACT	C	Mn	P	S	SI	CU	NI	CR	MO	V	CP	CE		
1	W14 - 22.0 45' W360 x 32.9 13.716 M	9	284965	.81 61000 75000 26	.82 62000 76000 24	.82 62000 76000 24	.26	517	517	517	.90	.018	.029	.28	.29	.10	.11	.02	.01	.14	.00	.017	.27
2	W14 - 22.0 45' W360 x 32.9 13.716 M	18	284967	.83 63000 76000 23	.82 62000 76000 24	.82 62000 76000 24	.24	517	517	517	.93	.019	.032	.30	.29	.10	.11	.02	.01	.14	.00	.017	.28
3	W14 - 22.0 45' W360 x 32.9 13.716 M	17	284969	.84 64000 76000 25	.81 61000 75000 24	.84 64000 76000 24	.24	517	517	517	.90	.017	.033	.29	.29	.11	.12	.02	.01	.14	.00	.018	.26
4	W14 - 22.0 45' W360 x 32.9 13.716 M	24	284971	.83 59000 71000 24	.83 59000 71000 24	.83 59000 71000 24	.24	517	517	517	.91	.015	.028	.29	.29	.11	.10	.03	.01	.15	.00	.016	.27
5	W14 - 22.0 45' W360 x 32.9 13.716 M	29	285087	.83 62000 75000 23	.83 62000 75000 23	.83 62000 75000 23	.24	483	490	490	.90	.013	.031	.26	.29	.13	.08	.03	.01	.12	.00	.017	.25
6	W14 - 22.0 45' W360 x 32.9 13.716 M	44	285088	.83 63000 76000 24	.83 63000 76000 24	.83 63000 76000 24	.24	427	427	517	.92	.016	.034	.26	.28	.13	.14	.03	.01	.16	.00	.019	.29
7	W14 - 22.0 45' W360 x 32.9 13.716 M	3	285089	.77 59000 77000 24	.78 59000 76000 25	.77 59000 77000 24	.24	531	531	531	.95	.015	.034	.29	.32	.12	.15	.04	.01	.16	.00	.017	.30
8	W14 - 22.0 45' W360 x 32.9 13.716 M	19	285409	.82 60000 73000 24	.82 60000 73000 24	.82 60000 73000 24	.24	407	524	524	.90	.016	.033	.27	.26	.11	.13	.03	.00	.16	.00	.015	.28
9	W14 - 22.0 45' W360 x 32.9 13.716 M	12	285446	.82 63000 77000 23	.82 63000 77000 23	.82 63000 77000 23	.23	414	496	496	.94	.011	.034	.30	.32	.14	.16	.04	.00	.15	.00	.017	.29

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE

CUSTOMER COPY

[Signature]

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS 16 DAY OF 11/16/06
NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2018

Charmaine Wallis
NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2018

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast
 and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

DATE	11/13/06
INVOICE NO	90790
BILL OF LADING	814884
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

INFRRA-METALS CORP.
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

INFRRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES													
				YIELD STRENGTH	TENSILE	ELONG	TEMP	C	Mn	P	S	SI	CU	NI	CR	MO	V	CE			
1	W14 - 22.0	1	285346	.83	58000	70000	24	.06	.94	.013	.036	.28	.27	.13	.11	.03	.00	.14	.01	.03	.28
2	W14 - 22.0	1	285357	.81	57000	70000	23	.06	.94	.012	.032	.26	.29	.12	.12	.03	.00	.14	.01	.03	.28
3	W14 - 22.0	2	285367	.79	62000	78000	24	.07	.90	.018	.037	.26	.27	.11	.13	.03	.01	.14	.01	.03	.28
4	W14 - 22.0	5	285370	.82	63000	77000	23	.08	.95	.015	.029	.27	.34	.11	.11	.03	.00	.14	.01	.03	.30
5	W14 - 22.0	9	285373	.82	60000	73000	25	.06	.90	.012	.036	.22	.22	.11	.11	.03	.00	.14	.01	.03	.27
6	W14 - 22.0	17	285378	.81	60000	74000	25	.06	.97	.014	.034	.22	.29	.13	.13	.03	.00	.14	.01	.03	.28
7	W14 - 22.0	3	285208	.79	57000	72000	23	.07	.92	.022	.026	.28	.31	.11	.15	.03	.00	.16	.01	.03	.29
8	W14 - 22.0	39	285210	.81	62000	77000	23	.07	.91	.015	.032	.28	.30	.11	.13	.03	.00	.16	.01	.03	.28
9	W14 - 22.0	28	285254	.81	57000	70000	24	.07	.94	.014	.035	.27	.33	.11	.10	.03	.00	.16	.01	.03	.29

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

CUSTOMER COPY
 QUALITY ASSURANCE
[Signature]

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 MY COMMISSION EXPIRES 10/21/2013
 NOTARY PUBLIC PUBLIC
 10-21-2013
 MY
 NOTARY
 Commission Expires
 11/06/13
 Day of
 November
 13

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast
 and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-04a A572/A572M GR50-03a
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)

ASTM A6/A6M-04a

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

DATE	11/23/05
INVOICE NO.	986802
BILL OF LADING	758515
CUSTOMER NO.	7717
CUSTOMER P.O.	C18297

INFRAMETALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492-0000

INFRAMETALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES											
				YIELD	TENSILE	ELONG	CHARPY IMPACT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Pcm	CI
1	W12 - 96.0	6	265000	.72	52000	72000	24	.08	1.29	.014	.018	.26	.36	.09	.09	.02	.00	.17	.35
2	W12 - 96.0	2	264985	.74	52000	70000	27	.07	1.33	.018	.025	.22	.32	.09	.09	.02	.00	.17	.34

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 11/05
 Day of
 November 2005
 My Commission Expires 10/21/2011
 Notary Public
 My Commission Expires 10/21/2011



2601 S. County Road 700 East
Columbia City, IN 46725-9044
(260) 625-8100

Certified Mill Test Report
100% Milled and Manufactured in USA

Date: 11/1/2006
Customer No: 000198
Bill of Lading No: 0000094866
MTR #: 0000094482

Ship to:
Infra Metals-CT
8 Pent Highway
Wallingford, CT 06492
Attn: Mark Johnson / David Dudzinski

Bill to:
INFRA METALS-CT
8 Pent Highway
Wallingford, CT 06492
Attn: Mark Haight

Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
1	020678590	W12X19	40' 0"	8	A025572	A992 / A992M A709 g50S/g345S A572 g150/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20699
2	020678595	W12X19	40' 0"	8	A025572	A992 / A992M A709 g50S/g345S A572 g150/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20699
3	020678600	W12X19	40' 0"	8	A025572	A992 / A992M A709 g50S/g345S A572 g150/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20699


CHEMICAL

Item	C	Mn	P	S	SI	Cu	V	Cr	NI	Mo	Sn	N	B	Cb	C1	C2	PC	Analysis
1	.06	.72	.011	.033	.20	.31	.012	.04	.09	.015	.014	.0052	.0003	.001	.22	.25	.12	HEAT
2	.06	.72	.011	.033	.20	.31	.012	.04	.09	.015	.014	.0052	.0003	.001	.22	.25	.12	HEAT
3	.06	.72	.011	.033	.20	.31	.012	.04	.09	.015	.014	.0052	.0003	.001	.22	.25	.12	HEAT

MECHANICAL

Item	Test	Tension Testing Results			Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Test	Charpy Impact Testing Results			ASTM Grain Size No (per ASTM E112)
		Yield (Fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Fy/Fu					Temp F/C	Sample 1 ft. lb/oules	Sample 2 ft. lb/oules	
1	1	57/396	73/501	.78	30			1				
1	2	56/384	72/496	.78	31			2				
2	1	57/396	73/501	.78	30			1				
2	2	56/384	72/496	.78	31			2				
3	1	57/396	73/501	.78	30			1				
3	2	56/384	72/496	.78	31			2				

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.

Signed:  Quality Assurance

State of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____
Signed: _____ Notary Public

My commission expires: _____

Special Comments/Information:

C:\Inet\camin\camin\w\p\m\cuj\5 C:\AW\S\C\K\m\5\4\C\m\l\m\p\8\4\K\cuj\5 P-C-C-523\4\m\20-c\20\4\15\1\0-49 Item=26.01(Cuj)3.89(N)1.12(C)14(K)Sj-17.28(F)7.28(Cu)(N)3.18(N)(F)3.13(C)GZ [per ASTM G10]

Bill To: INFERA-METALS CORPORATION-CT R INFERA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY WALLINGFORD CT 06492
 WALLINGFORD US 06492
 Ship To: 1
 TRACK# 953
 WALLINGFORD CT 06492
 US 06492
 Order Date: 11/03/2006
 PO No: C20723
 Mill Order No: 3216971
 Load No: 1069910
 Manifest No: 1785624
 CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

SPECIFICATION M 12 X 14# / M310 X 21.0
 ASTM A6-05a, A992-06a, A572-06
 SIZE
 GRADE 992/572-50
 LENGTH 30 FT / 9.144 M
 PRODUCT WF BEAMS

HEAT NO: 11742460

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.93	.007	.012	.22	.21	.09	.13	.028	.012	.001	.004	.016	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Specimen Area Sq In	Elongation %	Bend Test Dia. Result	ROA %
60.7	74.2	0.287	25.6	81n	200 mm
418.5	511.6	1.85	26.2	81n	200 mm
414.4	512.3	1.86		81n	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1. B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 08, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 18 of 24

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

Sold To: INFERA-METALS CORP. - CT
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFERA METALS CO
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Customer H.: 502 - 1
 B.O.L. H.: 568766

MILL TEST REPORT

10/03/06 18:37:23
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06://A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/C40.21-50W

From: NUCOR STEEL HUGER

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr Pd	Ma Mo Ti	P Sn Ca	S Al B	Si V N	Cu Nb Zr	Ni CI	CE1 CE2 Pcm
MCI2X1.5X10.6	2616315	.81	56700	69800	23.64	.0690	.8440	.0135	.0325	.2210	.1150	.0510	.2332
040' 00.00'	A992-06	.81	391	481	28.76	.0320	.0250	.0071	.0023	.0051	.0120	XXXXXX	.2724
MC310X15.8		.81	56100	69600	28.76	.0091	.0013	.0003	.0019	.0071	.0000	3.2994	.1583
012.1920m			387	480								InvH:	0
W10X12	1615673	.80	54800	68500	26.18	.0630	.8390	.0068	.0374	.2070	.1620	.0510	.2306
030' 00.00'	A992-06	.81	378	472	26.73	.0370	.0280	.0087	.0038	.0028	.0116	3.9422	.2674
W250X17.9			53400	68200		.0056	.0015	.0013	.0012	.0052	.0000	InvH:	.1307
009.1440m			382	470								Customer PO: C20454	0
W10X17	2615477	.80	54300	68000	27.53	.0670	.8480	.0081	.0391	.2170	.3100	.0910	.2496
020' 00.00'	A992-06	.80	374	469	26.64	.0440	.0250	.0138	.0022	.0038	.0102	5.5111	.2878
W250X25.3			53400	66700		.0073	.0013	.0000	.0029	.0058	.0000	InvH:	.1523
006.0960m			368	460								Customer PO: C20454	0

Elongation based on 8" (20.32cm) gauge length, 'No Weld Repair' was performed.
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Mo/15)+(V/10)+Sb

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce R. Work
 Metallurgist

8:40 10-03 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

10/28/16 5:49:38
 100% MILLED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI
 B PENN HIGHWAY
 WALLINGFORD, CT 06492

Sold To: INFRA METALS CO
 B PENN HIGHWAY
 WALLINGFORD, CT 06492

Customer #1 502
 Customer PG: C19420
 B.O.L. #....: 574590

SPECIFICATIONS: Tested in accordance with ASTM specification P6/AR6M and A370.

RRSHTD : M270-36-00/M270-50-00

RSME : SA-36

RS1M : A992-06://A36-05/A372-06-50/A3709-06a16/A3709-06a50/A3703-345M

CSA : CSA-44W/CAH-21-50W

1 HUGER

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (MPa)	Tensile (PSI) (MPa)	Elong %	C		Mn	Mo	Ti	P	S	Al	Si	V	Ni	Cu	Nb	Zr	N	CI	CE1	CE2	PCM
						PB	DB																	
C12X20.7	2617576	.84	61200	73000	22.54	.0750	.0540	.8670	.0250	.0013	.0085	.0197	.0000	.2110	.0046	.1130	.0273	.0090	.0076	.0070	.0427	.2666	.2872	.1419
0407.00.00*	A992-06	.82	59600	73100	22.39	.0081	.0013	.0085	.0013	.0013	.0300	.0011	.0011	.0076	.0090	.0090	.0090	.0090	.0090	.0090	.0090	.0090	.0090	.0090
C310X30.8	1617574	.83	59500	71700	24.79	.0700	.0510	.8510	.0270	.0017	.0051	.0206	.0030	.2350	.0037	.1052	.0266	.0000	.0000	.0000	.0310	.2330	.2775	.1317
0407.00.00*	A992-06	.84	60300	71700	24.39	.0069	.0017	.0085	.0017	.0017	.0018	.0004	.0004	.0362	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
C310X30.8	58800	.83	58800	70500	24.49	.0270	.0230	.8060	.0230	.0013	.0088	.0001	.0018	.1610	.0290	.0700	.0266	.0000	.0000	.0000	.0380	.2208	.2534	.1303
0407.00.00*	A992-06	.82	57200	69900	22.11	.0660	.0230	.8060	.0230	.0013	.0088	.0001	.0018	.1610	.0290	.0700	.0266	.0000	.0000	.0000	.0380	.2208	.2534	.1303
C12X20.7	2616993	.84	59800	71600	23.80	.0660	.0230	.8310	.0230	.0013	.0096	.0231	.0200	.2000	.0700	.0700	.0350	.0278	.0000	.0000	.0350	.2223	.2615	.1299
0407.00.00*	A992-06	.85	60600	71200	24.99	.0270	.0015	.8060	.0230	.0013	.0045	.0019	.0030	.2000	.0700	.0700	.0350	.0278	.0000	.0000	.0350	.2223	.2615	.1299
C310X30.8	405	.83	405	486		.18																		
0407.00.00*	A992-06	.84	59800	71600	23.80	.0660	.0230	.8310	.0230	.0013	.0096	.0231	.0200	.2000	.0700	.0700	.0350	.0278	.0000	.0000	.0350	.2223	.2615	.1299
C12X20.7	2616989	.84	59800	70500	25.56	.0720	.0230	.8240	.0230	.0012	.0119	.0250	.0036	.1920	.0770	.0770	.0350	.0278	.0000	.0000	.0350	.2301	.2677	.1363
0407.00.00*	A992-06	.81	57700	69300	24.03	.0400	.0012	.8060	.0230	.0012	.0045	.0000	.0017	.0063	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
C310X30.8	398	.81	398	478		.32																		
0407.00.00*	A992-06	.84	59800	70500	25.56	.0720	.0230	.8240	.0230	.0012	.0119	.0250	.0036	.1920	.0770	.0770	.0350	.0278	.0000	.0000	.0350	.2301	.2677	.1363
C12X20.7	2616989	.84	59800	70500	25.56	.0720	.0230	.8240	.0230	.0012	.0119	.0250	.0036	.1920	.0770	.0770	.0350	.0278	.0000	.0000	.0350	.2301	.2677	.1363
0407.00.00*	A992-06	.81	57700	69300	24.03	.0400	.0012	.8060	.0230	.0012	.0045	.0000	.0017	.0063	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
C310X30.8	398	.81	398	478		.32																		
0407.00.00*	A992-06	.84	59800	70500	25.56	.0720	.0230	.8240	.0230	.0012	.0119	.0250	.0036	.1920	.0770	.0770	.0350	.0278	.0000	.0000	.0350	.2301	.2677	.1363
C12X20.7	2616989	.84	59800	70500	25.56	.0720	.0230	.8240	.0230	.0012	.0119	.0250	.0036	.1920	.0770	.0770	.0350	.0278	.0000	.0000	.0350	.2301	.2677	.1363

Longation based on 8" (20.32cm) gauge length. No Weld Repair was performed.
 CI = 26.0(Cu/3.88N/1.26Cr/1.49Si/17.20P-7.29C/Mn/1.9-9.13Ni/1.5-33.39Cu/Cu)
 Pcm = C+(SI/30)+(Mn/22)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)/50
 CE1 = C+(Mn/6)+(Cr+Mo/V)/5+(Ni/Cu)/15
 CE2 = C+(Mn+Si)/6+(Cr+Mo+V+Cu)/5+(Ni/Cu)/15

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

{State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 day of _____

5:50 10-28 To: 12036794260

From: NUCOR STEEL HUGER



Authorized by Quality Assurance:

[Handwritten signature]

Material Note:	M200390789	061260 Psi	073090 Psi	34.9 %	ASTM A500-03A GRADE C & B							
Bundle No	7381E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.010	0.008	0.020	0.026	0.040	0.000	0.010	0.020	0.020	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											
Material Note:	M200390789	061260 Psi	073090 Psi	34.9 %	ASTM A500-03A GRADE C & B							
Bundle No	7381E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.010	0.008	0.020	0.026	0.040	0.000	0.010	0.020	0.020	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											

Material Note:	M200390794	060420 Psi	072430 Psi	35.2 %	ASTM A500-03A GRADE C & B							
Bundle No	7380E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.012	0.008	0.030	0.031	0.050	0.000	0.010	0.030	0.030	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											
Material Note:	M200390794	060420 Psi	072430 Psi	35.2 %	ASTM A500-03A GRADE C & B							
Bundle No	7380E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.012	0.008	0.030	0.031	0.050	0.000	0.010	0.030	0.030	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											

Material Note:	M200390811	057680 Psi	070570 Psi	36.0 %	ASTM A500-03A GRADE C & B							
Bundle No	7266E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.190	0.840	0.009	0.007	0.010	0.043	0.030	0.000	0.010	0.020	0.020	0.002
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											
Material Note:	M200390811	057680 Psi	070570 Psi	36.0 %	ASTM A500-03A GRADE C & B							
Bundle No	7266E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.190	0.840	0.009	0.007	0.010	0.043	0.030	0.000	0.010	0.020	0.020	0.002
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											

Material Note:	M200390779	061260 Psi	073090 Psi	34.9 %	ASTM A500-03A GRADE C & B							
Bundle No	7381E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.010	0.008	0.020	0.026	0.040	0.000	0.010	0.020	0.020	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											
Material Note:	M200390779	061260 Psi	073090 Psi	34.9 %	ASTM A500-03A GRADE C & B							
Bundle No	7381E	Yield	Tensile	Elm.2In	Certification							
Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	NI	Cr	V
	0.200	0.830	0.010	0.008	0.020	0.026	0.040	0.000	0.010	0.020	0.020	0.003
Material:	8.0x8.0x500x24'0"0(1x1)REC											
Material No:	80080500											
Purchase Order:	C20505MF											
Made in:	Canada											
Sales order:	263000											

Intra-Metals Corporation (Rail)
 Track #953 - 8 Pent Highway
 WALLINGFORD CT 06492
 USA

Intra-Metals Corporation
 8 Pent Highway
 WALLINGFORD CT 06492
 USA

MATERIAL TEST REPORT



Ref./L: 80216628
 Date: 11.27.2006
 Customer: 81

Atlas Tube Inc.
 200 Clark St.
 Harrow, Ontario, Canada
 NOR 1G0
 Tel: 519-738-3541
 Fax: 519-738-3537



Metals Service Center Institute

Authorized by Quality Assurance:

Handwritten signature

Material: 8.0x6.0x375x40"0"012x2),
 Sales order: 263000
 Material No: 80060375
 Made In: Canada
 Heat No: 8283E
 C Mn P S Si Al Cu Cb Mo Ni Cr V
 0.190 0.850 0.013 0.006 0.020 0.030 0.040 0.000 0.010 0.020 0.030 0.003
 Yield 059380 Psi
 Tensile 073410 Psi
 Eln.2In 30.7 %
 Certification ASTM A500-03A GRADE C & B
 Bundle No M200391242
 Sales Or.Note: Material Note:

Material: 8.0x6.0x375x50"0"012x2),
 Sales order: 263000
 Material No: 80060375
 Made In: Canada
 Heat No: 8280E
 C Mn P S Si Al Cu Cb Mo Ni Cr V
 0.200 0.850 0.011 0.006 0.030 0.023 0.040 0.000 0.010 0.020 0.020 0.003
 Yield 056640 Psi
 Tensile 069760 Psi
 Eln.2In 35.4 %
 Certification ASTM A500-03A GRADE C & B
 Bundle No M200391220
 Sales Or.Note: Material Note:

Material: 8.0x6.0x375x40"0"012x2),
 Sales order: 263000
 Material No: 80060375
 Made In: Canada
 Heat No: 8283E
 C Mn P S Si Al Cu Cb Mo Ni Cr V
 0.190 0.850 0.013 0.006 0.020 0.030 0.040 0.000 0.010 0.020 0.030 0.003
 Yield 059380 Psi
 Tensile 073410 Psi
 Eln.2In 30.7 %
 Certification ASTM A500-03A GRADE C & B
 Bundle No M200391243
 Sales Or.Note: Material Note:

Material: 7.0x7.0x500x50"0"012x2),
 Sales order: 263000
 Material No: 70070500
 Made In: Canada
 Heat No: 8291E
 C Mn P S Si Al Cu Cb Mo Ni Cr V
 0.200 0.830 0.007 0.007 0.020 0.024 0.040 0.000 0.010 0.020 0.020 0.000
 Yield 060200 Psi
 Tensile 075020 Psi
 Eln.2In 32.0 %
 Certification ASTM A500-03A GRADE C & B
 Bundle No M200391556
 Sales Or.Note: Material Note:

Intra-Metals Corporation
8 Pent Highway
WALLINGFORD CT 06492
USA

Intra-Metals Corporation (Rail)
Track #953 - 8 Pent Highway
WALLINGFORD CT 06492
USA

MATERIAL TEST REPORT



Atlas Tube Inc.
200 Clark St.
Harrow, Ontario, Canada
NOR 1G0
Tel: 519-738-3541
Fax: 519-738-3537

Ref.B/L: 80216628
Date: 11.28.2006
Customer: 81

Shipped to

Sold to

Sold By:

INDEPENDENCE TUBE CORPORATION

6226 W. 74TH STREET

CHICAGO, IL 60638

Tel: 708-496-0380 Fax: 708-563-1950

P/O No C2007MF

Re1 PART I OF II

S/O No MAR 112810-007

B/L No MAR 69220-001

Inv No MAR -001

Inv 14Aug06

Shp 11Aug06

Sold To: (914)

Ship To: (2)

INFRA-METALS

INFRA-METALS (RAIL)

8 PENT HIGHWAY

8 PENT HIGHWAY

WALLINGFORD, CT 06492

WALLINGFORD, CT

Tel: 203-294-2980 Fax: 203 294-2993

CERTIFICATE of ANALYSIS and TESTS

Cert. No: MAR 415207

14Aug06

Part No

TUBING A500C

4" OD X 1/4" X 50'

Heat Number

Tag No

Pcs Wgt

100 61.050

614080

990415

7.326

YLD=65500/TEN=81210/ELG=30.2

614080

990417

7.326

614080

990418

7.326

614080

990419

7.326

614080

990420

7.326

614080

990421

7.326

614080

990422

7.326

614080

990423

7.326

614080

990424

2.442

Heat Number

*** Chemical Analysis ***

C=0.2100 Mn=0.8600 P=0.0110 S=0.0080 Si=0.0200 Al=0.0520

Cu=0.0200

MANUFACTURED IN USA

MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)--03A

MANUFACTURED IN USA
MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)-03a

Heat Number 614080
*** Chemical Analysis ***
C=0.2100 Mn=0.8600 P=0.0110 S=0.0080 Si=0.0200 Al=0.0520
Cu=0.0200

Part No	Heat Number	Tag No	Pcs	Wgt
TUBING A500C	614080	990380	20	8.547
4" OD X 1/4" X 35'	614080	990381	20	8.547
	614090	990379	20	8.547
		YLD=65500/TEN=81210/ELG=30.2		

CERTIFICATE of ANALYSIS and TESTS
Cert. No: MAR 415209
14Aug06

Tel: 203-294-2980 Fax: 203 294-2993

WALLINGFORD, CT	WALLINGFORD, CT 06492
TRACK #953	8 PENT HIGHWAY
8 PENT HIGHWAY	INFRA-METALS
INFRA-METALS (RAIL)	INFRA-METALS
Ship To: (2)	Sold To: (914)

14Aug06	14Aug06	Inv No MAR	Inv No MAR
11Aug06	11Aug06	SHD	SHD
		69220-003	69220-003
		S/D No MAR 112810-003	S/D No MAR 112810-003
		Rsl PART I OF II	Rsl PART I OF II
		P/D No C2007MF	P/D No C2007MF

14Aug06 9:26 Sold By: INDEPENDENCE TUBE CORPORATION
TEST CERTIFICATE No: MAR 415209

PO#17319-3

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

DATE	11/28/06
INVOICE NO.	95423
BILL OF LADING	817505
CUSTOMER NO.	7717
CUSTOMER P.O.	C20360

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

S H I P T O
INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

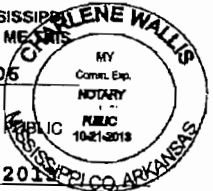
ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI		%	TEMP													IMPACT ENERGY	MPa
1	W30 -211.0 65' W760 x314.0 19.812 M	1	285882	.79	59000	75000	28					.08	1.31	.017	.025	.22	.32	.09	.13	.03	.00	.018	.36
				.76	57000	75000	28													.01	.19		
					407	517	28																
					393	517	28																
2	W30 -211.0 65' W760 x314.0 19.812 M	1	285884	.75	56000	75000	28					.08	1.31	.015	.018	.24	.30	.09	.13	.02	.00	.020	.36
				.77	57000	74000	29													.01	.19		
					386	517	28																
					393	510	29																

CARBON EQUIVALENT: CE = Ck(1W) = C + Mn/6 + (Cr+Ni+V)/5 + (Ni+Cu)/15
Corrosion Index: CIP = (C/100) + (Mn/100) + (P/100) + (S/100) + (Cu/100) + (Ni/100) + (V/100) + (Cr/100) + (Nb/100) + (Ti/100)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME
28 Day of 11/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2018



CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006

Ship To: 1

Bill To:

CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

CHAPARRAL

PO No: C19824
Mill Order No: 3164683
Load No: 1072549
Manifest No: 1788417

INFRA-METALS CORPORATION-CT-R
8 PENT HWY
WALLINGFORD
06492

INFRA-METALS CORPORATION-CT-R
8 PENT HIGHWAY
WALLINGFORD
06492

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
W 27 X 94# / W690 X 140

SPECIFICATIONS

ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328860

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sr	V	Al	Nb	CE
.08	1.17	.012	.026	.20	.34	.09	.07	.014	.013	.006	.000	.018	.32

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Specimen Area		Elongation		Bend Test Dia. Result	RCA %
KSI	MPa	KSI	MPa	Sq In	Sq cm	%	Gage Length		
56.5	389.6	71.2	490.9	1.148	7.41	25.0	8 In 200 mm		
56.7	390.9	71.9	495.7	1.170	7.55	28.0	8 In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with: DIN EN 10204 3.1.B

"- hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom I. Harrington Date: Nov. 21, 2006 Signed: Notary Public (if applicable) Date: _____
Tom I. Harrington: Quality Assurance Manager Page: 2 of 2

DATE 7/13/06
 INVOICE NO. 58628
 BILL OF LADING 794220
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19679

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

SHIP TO: INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SPECIFICATIONS: ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		TEMP °F	IMPACT ENERGY FT-LBS													
					MPa	MPa		°C	JOULES													
1	W24 - 62.0 35' W610 x 92.0 10.668 M	3	277862	.71 .72	50000 51000	70000 71000	25 25				.08	1.14	.018	.036	.26	.32	.12	.12	.04 .01	.01 .18	.017	.33
2	W24 - 62.0 35' W610 x 92.0 10.668 M	3	278077	.74 .74	50000 50000	68000 68000	28 24				.07	1.06	.022	.035	.23	.30	.11	.13	.03 .01	.01 .16	.015	.31
3	W24 - 62.0 35' W610 x 92.0 10.668 M	6	278080	.74 .74	51000 50000	69000 68000	26 25				.09	1.17	.024	.039	.35	.33	.11	.11	.03 .01	.01 .19	.014	.35
4	W24 - 62.0 40' W610 x 92.0 12.192 M	3	278094	.72 .71	51000 52000	71000 73000	24 24				.07	1.10	.021	.037	.30	.41	.14	.12	.03 .01	.01 .17	.017	.32

Notes: C = 51, Mn = 120, P = 12, S = 12, Si = 12, Cu = 12, Ni = 12, Cr = 12, Mo = 12, V = 12, Cb = 12, CE = 12

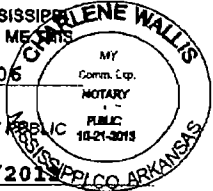
CARBON EQUIVALENT: CE = C + Mn/6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15

Correction Index: C = 21.5(1%Cu) + 1.84(1%Mo) + 1.30(1%Cr) + 1.48(1%Ni) + 17.24(1%P) + 7.34(1%S) + 1.10(1%Si) + 33.34(1%V)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 13 Day of 07/06
 Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2012



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 05/19/2006
PC No: C19824
Mill Order No: 3164481
Lead No: 1068599
Manifest No: 1784393

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
B PENT HWY TRACK# 953
MALLINGFORD CT 06492
US

INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
B PENT HWY TRACK# 953
MALLINGFORD CT 06492
US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 24 X 55# / W610 X 82

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia. Result	%
55.0	379.2	0.814	23.1	8In	
56.5	389.6	0.822	24.1	8In	
		5.25		200 mm	
		5.30		200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 01, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

MITTAL



Mittal Steel Poland S.A.

Oddział w Dąbrowie Górniczej
Al. J. Piłsudskiego 92
41-308 Dąbrowa Górnicza

Centr. tel.: (0048-32) 794 53 33 TKJ tel.: (0048-32) 792 80 52
fax: (0048-32) 795 52 00 fax: (0048-32) 795 54 86

TEST REPORT

EN 10204/2.2

No 42163/E/2005

QUALITY SYSTEM OF OUR COMPANY HAS BEEN CERTIFIED BY THE TÜV RHEINLAND INTERCERT ACC. EN ISO 9001

Exporter : MITTAL STEEL POLAND S.A. ODDZIAŁ DĄBROWA GÓRNICZA
41-308 DĄBROWA GÓRNICZA AL. J. PIŁSUDSKIEGO 92
Importer : MITTAL STEEL NORTH AMERICA INC.
IL 606 CHICAGO 30 W. MONROE ST USA
Order : INFRA-METALS/PO:B18365/NEW HAVEN,CT

Contract No. : PL/ /05/7608

Manuf. Order No. : 1642978/05
Advice No. : P-15/22016/12
Wagon No. : 315153454295
PKWiU : 27.10.70-13.00
KTM : 2710701300-DC0620-A9442-6.

Product description as per standard: "W" - SHAPES

Dimension : W21"X50

ASTM A 6/A 6M-04A

Length : 32FT

Steel grade: A 992

ASTM A 992/A 992M-04

THIS MATERIAL/GRADE COVERS - ASTM A36 -ASTM A572 GR50 KILLED STEEL

Quantity	Weight	Heat No.	Chemical composition - %													Mechanical Properties			
			C	Mn	Si	P	S	Cu	Cr	Ni	N	Mo	Sn	Nb	V	CEV	Re MPa	Rm MPa	AZ00 %
Bundles/Pieces	Kgs																		
4/ 21	15158	523104	0,17	0,80	0,19	0,022	0,017	0,04	0,02	0,02	0,008	0,003	0,004	0,001	0,050	0,32	363	495	25,0
/		523104															354	494	28,0
4/ 21	15158																		

THIS IS TO CERTIFY, THAT THE A.M. PRODUCTS HAVE BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH THE INDICATED SPECIFICATIONS AND COMPLY WITH THEIR REQUIREMENTS

Certificate Section

Prepared by: [05]

Checked by: [02]

HEAD OF ATTESTATION

DIVISION

Jan RDEST

DĄBROWA GÓRNICZA

18-DEC-2005

Chief Specialist

Quality Control

Grzegorz Cicecki

DATE: 12/19/06
 INVOICE NO.: 102403
 BILL OF LADING: 821953
 CUSTOMER NO.: 9310
 CUSTOMER P.O.: C19904

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S
H
I
P
T
O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SPECIFICATIONS

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M 03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S
O
L
D
T
O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	MPa	PSI	MPa	%	TEMP													IMPACT ENERGY
					MPa	MPa	%	°F	FT-LBS														
1	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287709	.76 .74	57000 55000	75000 74000	24 24					.09	1.11	.020	.034	.34	.25	.09	.14	.02 .01	.00 .18	.017	.33
2	W21 - 44.0 35' W530 x 66.0 10.668 M	2	287713	.76 .74	54000 52000	71000 70000	25 27					.07	1.10	.023	.039	.27	.30	.11	.14	.02 .01	.00 .17	.015	.31
3	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287717	.76 .76	55000 55000	72000 72000	24 24					.07	1.10	.022	.039	.30	.32	.10	.14	.02 .01	.00 .17	.018	.31
4	W21 - 44.0 35' W530 x 66.0 10.668 M	6	287722	.75 .75	54000 53000	72000 71000	25 26					.08	1.10	.016	.031	.30	.32	.12	.15	.03 .01	.00 .18	.015	.33
5	W21 - 44.0 35' W530 x 66.0 10.668 M	20	287724	.74 .76	55000 56000	74000 74000	26 26					.08	1.11	.016	.036	.30	.30	.13	.11	.03 .01	.00 .18	.018	.33
6	W21 - 44.0 40' W530 x 66.0 12.192 M	2	287690	.77 .77	56000 57000	73000 74000	25 26					.08	1.14	.014	.033	.34	.29	.10	.11	.03 .01	.00 .17	.016	.33
7	W21 - 44.0 40' W530 x 66.0 12.192 M	1	287692	.78 .75	58000 55000	74000 73000	24 24					.08	1.10	.015	.038	.33	.32	.13	.13	.03 .01	.00 .18	.015	.32
8	W21 - 44.0 40' W530 x 66.0 12.192 M	4	287816	.74 .77	52000 53000	70000 69000	24 25					.07	1.10	.015	.031	.25	.28	.13	.12	.03 .01	.00 .16	.016	.31
9	W21 - 44.0 40' W530 x 66.0 12.192 M	33	287831	.74 .75	52000 55000	70000 73000	23 22					.08	1.14	.016	.026	.30	.30	.11	.13	.03 .01	.01 .18	.022	.33

Form 11-05-02-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19
 20 X 20 20 20 18 18

CARBON EQUIVALENT: CE = CE(IMP) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15

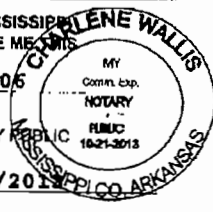
Corrosion Index: CPE(0.011%Cu)+9.48P(%)Mn+(1.25%Cr)+1.88(Si)+17.24(CuP)+7.25%Ni(%)Mn+4.10(Si)(%)P+23.38%NiO2

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 19 Day of 12/06
Charlene Wallis
 NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164451
Load No: 1075368
Manifest No: 1791415

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
TRACK# 953
WALLINGFORD
CT US 06492
CT US 06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 21 X 44# / W530 X 66

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
	.10	1.00	.011	.032	.22	.33	.09	.07	.014	.015	.000	.000	.019	.31

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength MPa	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation		Bend Test Dis. Result	ROA %
						%	Gage Length		
54.3	374.4	71.5	493.0	0.711	4.59	27.5	8In	200 mm	
56.3	388.2	72.0	496.4	0.734	4.74	23.8	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 05, 2006 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 47 of 105

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: CI9824
 Mill Order No: 3164373
 Load No: 1075646
 Manifest No: 1791534

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT US
 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 18 X 35# / W460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331540

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	Ce
.07	.99	.009	.029	.25	.33	.11	.08	.024	.015	.003	.003	.019	.29

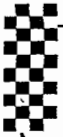
PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Diag. Result	%
51.6	355.8	0.713	26.4	8In	200 mm
51.0	351.6	0.707	26.5	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington, Quality Assurance Manager



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219622
Load No: 1074919
Manifest No: 1790791

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
60 FT / 18.288 M

GRADE
992/572-50

SIZE
W 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30294910

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.96	.011	.035	.23	.37	.11	.06	.017	.012	.003	.003	.020	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.3	71.6	0.581	24.4	8In	
56.8	72.0	0.672	24.3	8In	
	493.7	3.75	24.4	200 mm	
	496.4	4.34	24.3	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTX complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 01, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 1 of 25

DATE	11/06/06
INVOICE NO	88970
BILL OF LADING	813634
CUSTOMER NO.	9310
CUSTOMER P O	C 20376

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O	INFRA-METALS CORP 8 PENT HIGHWAY TRACK # 953 WALLINGFORD, CT 06492
----------------------------	---

S P E C I F I C A T I O N S	ASTM A992/A992M-06a A572/A572M GR50-04 ASTM A709/A709M-03a GR50 (345) ASTM A709/A709M-03a GR50S (345S) ASTM A6/A6M-05a
--	---

S O L D T O	INFRA-METALS CORP. 8 PENT HIGHWAY WALLINGFORD, CT 06492
----------------------------	---

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES														
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG		CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa	%	%	TEMP	IMPACT ENERGY												
											* F	FT-LBS												
						%		* C	JOULES	Sn		Pcm		CI										
1	W16 - 31.0 30'	3	284872	.81	63000	78000	27			.08	.96	.014	.036	.28	.30	.12	.12	.03	.00	.017	.30			
	W410 x 46.1 9.144 M			.79	62000	78000	26											.01	.17					
2	W16 - 31.0 30'	2	284894	.82	64000	78000	25			.06	.90	.017	.037	.28	.36	.12	.16	.03	.00	.015	.28			
	W410 x 46.1 9.144 M			.82	65000	79000	24											.01	.15					
3	W16 - 31.0 30'	44	284895	.82	64000	78000	24			.05	1.00	.021	.036	.30	.34	.12	.22	.03	.00	.019	.30			
	W410 x 46.1 9.144 M			.82	64000	78000	23											.02	.14					
4	W16 - 31.0 35'	23	284120	.82	58000	71000	23			.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28			
	W410 x 46.1 10.668 M			.81	58000	72000	22											.01	.15					
5	W16 - 31.0 35'	10	284395	.79	58000	73000	24			.05	.95	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26			
	W410 x 46.1 10.668 M			.80	59000	74000	25											.01	.14					
6	W16 - 31.0 35'	1	284416	.80	60000	75000	24			.07	.91	.017	.033	.26	.29	.11	.12	.02	.00	.016	.28			
	W410 x 46.1 10.668 M			.80	60000	75000	24											.01	.15					
7	W16 - 31.0 35'	3	284912	.81	60000	74000	24			.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26			
	W410 x 46.1 10.668 M			.80	60000	75000	24											.01	.14					
8	W16 - 31.0 35'	5	284923	.82	62000	76000	24			.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29			
	W410 x 46.1 10.668 M			.83	63000	76000	23											.01	.15					

FORM 10-04-06 (Rev. 11-14-05) APPROX. 2005 CARBON EQUIVALENT: CE = CE(IV) + C + Mn/6 + (Cr+Mo+V)/5 + (Ni + Cu)/15 CORROSION INDEX: CI = 26.0(Cu)/3.29(Ni) + 1.29(Cr) + 1.48(Mn) + 17.24(P) + 7.25(Cu)/2.49 + .197(Si)(P) + 33.24(Cu) ²

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Mary Lemell

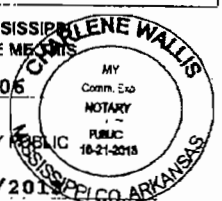
QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

6 Day of 11/06

Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2019



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CD 8 PENT HIGHWAY
8 PENT HMY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
56.2	69.4	478.5	0.385	2.48	26.3	8In	200 mm	
56.0	70.5	486.1	0.377	2.43	26.6	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 08/29/2005
PO No: C17924
Mill Order No: 2986777
Load No: 972898
Manifest No: 1695002

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BERMS

LENGTH
60 FT / 18.288 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-02, A992-02, A572-01

HEAT NO: 30256220

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.88	.011	.041	.21	.36	.10	.11	.015	.015	.002	.003	.008	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Result	%
57.7	71.8	0.371	27.0	8In	200 mm
58.2	71.8	0.369	28.9	8In	200 mm

Remarks

Material meets requirements for ASTM A709 Gr. 50

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Sep. 03, 2005 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 11/01/2006
 PO No: C20717
 Mill Order No: 3214275
 Load No: 1078523
 Manifest No: 1793883

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT 06492
 US

SIZE
 M 14 X 120# / M360 X 179
 GRADE
 992/572-50
 LENGTH
 40 FT / 12.192 M
 PRODUCT
 WF BEAMS

HEAT NO: 30332760

CHEMICAL ANALYSIS

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES

Yield Strength	MPa	KSI	Tensile Strength	MPa	KSI	Specimen Area	Sq In	Sq cm	Elongation	%	Gage Length	Bend Test	ROA
Yield Strength	MPa	KSI	Tensile Strength	MPa	KSI	Specimen Area	Sq In	Sq cm	Elongation	%	Gage Length	Dia. Result	%
55.4	382.0	73.7	508.1	508.1	508.1	1.350	8.71	8.71	27.0	27.0	8In	200 mm	
54.7	377.1	73.2	504.7	504.7	504.7	1.392	8.98	8.98	26.3	26.3	8In	200 mm	

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.27	.012	.034	.24	.38	.11	.08	.017	.015	.003	.003	.022	.35

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 17, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington, Quality Assurance Manager

DATE: 11/16/06
 INVOICE NO: 91948
 BILL OF LADING: 815659
 CUSTOMER NO: 9310
 CUSTOMER P.O.: C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO: INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

SPECIFICATIONS: ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLELY TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		%	TEMP												
1	W14 - 22.0 45' W360 x 32.9 13.716 M	9	284965	.81	61000	75000	26			.06	.90	.018	.029	.28	.29	.10	.11	.02	.00	.017	.27		
				.83	62000	75000	25											.01	.14				
					421	517	26																
					427	517	25																
2	W14 - 22.0 45' W360 x 32.9 13.716 M	18	284967	.83	63000	76000	23			.06	.93	.019	.032	.30	.29	.10	.11	.02	.00	.017	.28		
				.82	62000	76000	24											.01	.14				
					434	524	23																
					427	524	24																
3	W14 - 22.0 45' W360 x 32.9 13.716 M	17	284969	.84	64000	76000	25			.05	.90	.017	.033	.29	.32	.11	.12	.02	.00	.018	.26		
				.81	61000	75000	24											.01	.14				
					441	524	25																
					421	517	24																
4	W14 - 22.0 45' W360 x 32.9 13.716 M	24	284971	.83	59000	71000	24			.06	.91	.015	.028	.29	.31	.11	.10	.03	.00	.016	.27		
				.84	59000	70000	24											.01	.15				
					407	490	24																
					407	483	24																
5	W14 - 22.0 45' W360 x 32.9 13.716 M	29	285087	.83	62000	75000	23			.05	.90	.013	.031	.26	.29	.13	.08	.03	.00	.017	.25		
				.83	62000	75000	23											.01	.12				
					427	517	23																
					427	517	23																
6	W14 - 22.0 45' W360 x 32.9 13.716 M	44	285088	.83	63000	76000	24			.08	.92	.016	.034	.26	.28	.13	.14	.03	.00	.019	.29		
				.83	64000	77000	24											.01	.16				
					434	524	24																
					441	531	24																
7	W14 - 22.0 45' W360 x 32.9 13.716 M	3	285089	.77	59000	77000	24			.07	.95	.015	.034	.29	.32	.12	.15	.04	.00	.017	.30		
				.78	59000	76000	25											.01	.16				
					407	531	24																
					407	524	25																
8	W14 - 22.0 45' W360 x 32.9 13.716 M	19	285409	.82	60000	73000	24			.08	.90	.016	.033	.27	.26	.11	.13	.03	.00	.015	.28		
				.83	60000	72000	24											.02	.16				
					414	503	24																
					414	496	24																
9	W14 - 22.0 45' W360 x 32.9 13.716 M	12	285446	.82	63000	77000	23			.06	.94	.011	.034	.30	.32	.14	.16	.04	.00	.017	.29		
				.82	65000	79000	23											.01	.15				
					434	531	23																
					448	545	23																

Form C-11, Rev. 02-20-05, 19-72
 CARBON EQUIVALENT: CE = CE(DW) = C + Mn/5 + (Cr+Mo+V)/5 + (Ni + Cu)/15
 Correction factor: C = 0.0008(Cu) + 0.0008(Mn) + 0.0008(Ni) + 0.0008(Cr) + 0.0008(Mo) + 0.0008(V) + 0.0008(Nb) + 0.0008(Ti)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 16 Day of 11/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2018



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/01/2006
PO No: C20717
Mill Order No: 3214062
Lead No: 1080970
Manifest No: 1795756

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAC INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

CHAPARRAL STEEL
300 Hard Rd.
Midlothian, TX
76065-9651
(972) 775-8241

PRODUCT
WF BEAMS

LENGTH
40 FT / 12.192 M

GRADE
992/572-50

SIZE
W 12 X 136# / W310 X 202

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30337160

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Sn	Al	Nb	CE
.08	1.23	.008	.025	.24	.34	.09	.07	.015	.003	.011	.003	.022	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
53.3	71.5	1.772	25.9	8In	200 mm
52.9	71.4	1.892	28.6	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTF complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Jan. 03, 2007 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE 9/15/06
INVOICE NO. 75914
BILL OF LADING 805462
CUSTOMER NO. 7717
CUSTOMER P.O. C19931

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

SPECIFICATIONS
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

SOLD TO
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

Table with columns: ITEM #, ITEM DESCRIPTION, QTY, HEAT #, MECHANICAL PROPERTIES (YIELD TO TENSILE RATIO, YIELD STRENGTH, TENSILE STRENGTH, ELONG, CHARPY IMPACT), CHEMICAL PROPERTIES (C, Mn, P, S, Si, Cu, Ni, Cr, Mo, V, Cb, CE). Includes data for 9 items and chemical composition.

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell
QUALITY ASSURANCE

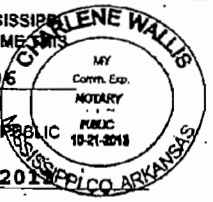
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

15 Day of 09/06

Charlene Wallis
NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2018



DATE	9/15/06
INVOICE NO.	75914
BILL OF LADING	805462
CUSTOMER NO.	7717
CUSTOMER P.O.	C19931

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHABRY IMPACT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	TEMP													IMPACT ENERGY
					MPa	MPa	%	" F													FT-LBS
1	W12 - 72.0 65' W310 x107.0 19.812 M	3	281548	.75	58000	77000	24			.08	1.24	.012	.020	.22	.32	.12	.10	.04	.00	.018	.35
				.78	60000	77000	24											.01	.18		
2	W12 - 87.0 35' W310 x129.0 10.668 M	6	281859	.78	59000	76000	25			.08	1.31	.015	.019	.23	.36	.08	.09	.02	.00	.020	.35
				.77	59000	77000	25											.02	.18		
					407	524	25														
					407	531	25														

FORMULA: C = (C) + (Mn)/16 + (Cu)/25 + (Ni)/60 + (Mo)/8 + (V)/10 + (Nb)/10 + (Ti)/10 + (Al)/10 + (In)/10 + (Sn)/10 + (Pb)/10 + (Zn)/10 + (Fe)/10
 CARBON EQUIVALENT: CE = C + (Mn)/16 + (Cu)/25 + (Ni)/60 + (Mo)/8 + (V)/10 + (Nb)/10 + (Ti)/10 + (Al)/10 + (In)/10 + (Sn)/10 + (Pb)/10 + (Zn)/10 + (Fe)/10

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Dan Linnell
QUALITY ASSURANCE

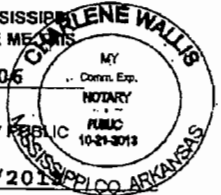
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

15 Day of 09/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



NUCOR STEEL - BERKELEY
 P.O. BOX 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

11/03/06 5:32:20
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFERA METALS CORP - CI
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

SHIP TO: INFERA METALS CORP - CI
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer H.: 502 - 1
 Customer PO: C19818
 B.O.F. H...: 576145

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 ASHIO : M273-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-05://A36-05/A572-06. 50/A709-06a36/A709-U6a50/A709-345M
 CSA : CSA-44W/C40.21.50W

Description	Heat#	Grade(s)	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong %	C		Mn	P	S	Si		Cu	Ni	CE1
							Cr	Pb				Al	B			
W12x22	2614594	A992-06	.84	58600	69600	26.65	.0630	.0125	.8530	.0110	.0234	.2360	.1110	.0350	.2283	
050' LC.00*	A992-06		.82	404	480		.0260	.0064	.0260	.0064	.0024	.0048	.0262	.2728		
W310x32.7				56500	69300	26.19	.0125	.0017	.0017	.0017	.0025	.0064	.0000	3.1441	.1375	
015.2400m				395	478		3 Piece(s)							InvH:	0	
W12x22	2614586	A992-06	.84	57700	68900	25.90	.0730	.0112	.8270	.0110	.0265	.1980	.1120	.0350	.2320	
050' LC.00*	A992-06		.83	398	475		.0280	.0029	.0240	.0059	.0025	.0047	.0276	.2705		
W310x32.7				57800	69600	27.05	.0112	.0015	.0015	.0029	.0028	.0057	.0090	3.1167	.1434	
015.2400m				395	480		11 Piece(s)							InvH:	0	
W12x22	1614583	A992-06	.83	57500	69300	25.56	.0670	.0075	.8540	.0135	.0291	.1710	.1160	.0360	.2302	
050' LC.00*	A992-06		.83	396	478		.0250	.0049	.0240	.0049	.0018	.0041	.0267	.2641		
W310x32.7				57300	69400	27.45	.0075	.0013	.0013	.0012	.0026	.0055	.0000	3.2266	.1380	
015.2400m				395	479		61 Piece(s)							InvH:	0	

FROM: NUCOR STEEL - HUGER

=====
 Elongation based on E. (27.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.83Ni+1.20Cr+1.49Si+17.28P-7.29CuxNi)-(9.10NiMP)-33.39(CuxCu)
 PCr = C+((Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+Sb
 CE1 = C+(Mn/6)-((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn-Si)/6)+((Cr+Mo+V+Cu)/5)+((Ni+Cu)/15)
 =====

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6003

MILL TEST REPORT

11/18/06 4:14:34

100% MELIIO AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #.: 502 - 1
 B.o.I. #...: 579274

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

AASHTO : M270-36-E0/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/C40-21-50W

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (%)	C		Mn		P		S		Si		Cu		Ni		CE1				
						Pb	Cr	Mo	Sn	Ca	B	Al	V	N	Zr	CI	CE2	Pcm						
W12x4 050' 00.00' W310X21.0 015.2400m	1614543 A992-06	.81	54600	67800	29.16	.0710	.0200	.0230	.0043	.0020	.0014	.0032	.0035	.0026	.0064	.0830	.0112	.0290	.0000	.2281	.2600			
			376	467		.0048	.0015	.0014	.0000	.0017	.0073	.0070	.0118	.0000	.0000	.0000	.0000	.0000	2.4968	.1334				
			388	476		91 piece(s) Customer PO: C19818																		
W12x4 050' 00.00' W310X21.0 015.2400m	2614546 A992-06	.80	53300	66400	30.94	.0710	.0220	.0240	.0048	.0000	.0014	.0240	.0014	.0043	.0073	.0700	.0118	.0290	.0000	.2373	.2633			
			368	458		.0114	.0014	.0014	.0000	.0017	.0073	.0070	.0118	.0000	.0000	.0000	.0000	.0000	.0000	2.2215	.1355			
			381	470		33 piece(s) Customer PO: C19818																		
W12x4 050' 00.00' W310X21.0 015.2400m	1614533 A992-06	.81	54100	67200	29.61	.0690	.0260	.0260	.0065	.0000	.0000	.0253	.0028	.0021	.0070	.1490	.0118	.0430	.0000	.2358	.2768			
			373	463		.0020	.0014	.0014	.0005	.0007	.0007	.0007	.0007	.0070	.0000	.0000	.0000	.0000	.0000	3.7393	.1345			
			385	476		36 piece(s) Customer PO: C19818																		
W12x19 020' 00.00' W310X28.3 006.0960m	1617574 A992-06	.87	63700	73100	25.03	.0710	.0260	.0240	.0040	.0000	.0000	.0270	.0000	.0050	.0062	.0750	.0290	.0290	.0000	.2431	.2856			
			439	504		.0080	.0020	.0020	.0007	.0002	.0002	.0002	.0002	.0062	.0000	.0000	.0000	.0000	.0000	2.3688	.1330			
			436	505		24 piece(s) Customer PO: C28731																		
W12x19 020' 00.00' W310X28.3 006.0960m	1617580 A992-06	.87	62800	72200	24.54	.0670	.0310	.0230	.0032	.0018	.0005	.0271	.0018	.0041	.0077	.0690	.0255	.0280	.0000	.2293	.2580			
			433	498		.0045	.0019	.0019	.0017	.0005	.0005	.0005	.0005	.0077	.0000	.0000	.0000	.0000	.0000	2.4277	.1268			
			419	495		8 piece(s) Customer PO: C28731																		

Elongation based on 9" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = 26.01Cu+1.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu+8.1)-(9.10Ni+8.1P)-33.39(Cu+Cu)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+B

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

 Metallurgist

Bruce A. Work

 Metallurgist

14:15 11-18 TO: 12036794260 FROM: NUCOR STEEL HUGER

11/25/06 3:12:16
 100% MILTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

MILL TEST REPORT

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C., 29464
 Phone: (843) 336-6000

Customer H.: 502 - 1
 B.O.L. #....: 579941

Customer H.: 502 - 1
 B.O.L. #....: 579941

Customer H.: 502 - 1
 B.O.L. #....: 579941

WALLINGFORD, CT 06492

WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

ASHIO : W270-36-0C/W270-50-UU
 ASME : SA-36
 ASTM : A992-C/E//A36-05/A572-06-50/A709-06a36/A7C9-06a30/A709-345M
 CSA : C50-44W/G40.21-50W

HUGER

Description	Heat#	Grade(s)	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C		Ma		P		S		Si		Cu		Ni		CEI		
							Pb	Fe	Mo	Si	Ca	B	N	Zr	CI	PCm							
C8X11.5	2618553	A992-06	.84	57000	67900	31.21	.0650	.8210	.0064	.0304	.2970	.1470	.0470	.2248	.2713	.1294	.0000	.0000	.0000	.0000	.0000	.0000	.0000
050' 00.00'	A992-06		.82	56000	68400	28.64	.0029	.0015	.0000	.0008	.0068	.0000	3.7374	.2248	.2713	.1294	.0000	.0000	.0000	.0000	.0000	.0000	.0000
C200X17.1				386	472																		
015.2400m																							
W12X14	1614955	A992-06	.81	56800	67900	29.05	.0680	.8420	.0077	.0260	.1860	.0680	.0270	.2236	.2371	.1278	.0000	.0000	.0000	.0000	.0000	.0000	.0000
050' 00.00'	A992-06		.81	55900	69000	28.60	.0056	.0015	.0015	.0010	.0069	.0000	2.1368	.2236	.2371	.1278	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W310X21.0				385	576																		
015.2400m																							
W12X14	2614953	A992-06	.81	56200	69400	29.02	.0690	.8940	.0082	.0239	.2060	.0740	.0310	.2352	.2523	.1168	.0000	.0000	.0000	.0000	.0000	.0000	.0000
050' 00.00'	A992-06		.80	54400	68400	26.50	.0220	.0240	.0034	.0035	.0049	.0140	2.3182	.2352	.2523	.1168	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W310X21.0				375	472																		
015.2400m																							
W12X14	1514951	A992-06	.81	54100	66900	28.30	.0660	.8000	.0077	.0285	.1620	.0650	.0260	.2137	.2427	.1236	.0000	.0000	.0000	.0000	.0000	.0000	.0000
050' 00.00'	A992-06		.80	54400	67700	30.26	.0038	.0014	.0018	.0012	.0070	.0000	2.9312	.2137	.2427	.1236	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W310X21.0				375	467																		
015.2400m																							
W12X14	2612908	A992-06	.81	57700	71400	28.05	.0650	.8810	.0086	.0279	.1850	.0520	.0470	.2388	.2719	.1355	.0000	.0000	.0000	.0000	.0000	.0000	.0000
055' 00.00'	A992-06		.82	58800	71900	30.00	.0084	.0012	.0000	.0016	.0037	.0000	3.7671	.2388	.2719	.1355	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W310X21.0				405	496																		
016.7660m																							

Customer PO: C19420
 Customer PO: C20398
 Customer PO: C20398
 Customer PO: C19818

CEI = C+(Mo/6)+((Cr+Mo+V)/5)+((Ni-Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Aruce A. Work
 Metallurgist

 day of _____

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

9/23/06 19:35:04
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer H.I. 502
 Customer PO: C15787
 B.O.I. H...: 566436

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

AASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06 // A36-05/AS72-06-50/A709-06a36/A709-06a50/A709-395M
 CSA : CSA-44W/C40-21-5CW

HUGER

Description	Beam Test	Yield Ratio	Yield (PSI)	Tensile (PSI)	Elong %	C		Mn	P	S	Si	Cu	Ni	CE1
						CF	Pb							
W10x15	2615524	.84	58700	69700	26.31	.1590	.8720	.0093	.0352	.1610	.3270	.1040	.2571	
030' 00.00'	A992-06	.81	57200	70700	26.45	.0832	.0011	.0009	.0022	.0068	.0000	5.3339	.2856	
W250X22.3			394	487			8 piece(s)						InvH:	
009.1440m														
W10x15	2615502	.81	56500	69400	28.16	.0720	.8040	.0082	.0320	.2210	.3420	.0980	.2311	
030' 00.00'	A992-06	.80	55900	69500	28.15	.0087	.0012	.0000	.0023	.0036	.0116	5.6496	.2902	
W250X22.3			385	430			2 piece(s)						InvH:	
009.1440m														
W10x15	2615507	.82	59500	72500	28.44	.0650	.8490	.0092	.0221	.2090	.3450	.1080	.2536	
030' 00.00'	A992-06	.81	59200	73200	28.06	.0121	.0015	.0007	.0022	.0074	.0000	5.6648	.1492	
W250X22.3			409	505			1 piece(s)						InvH:	
009.1440m														
W10x15	2615519	.81	56300	69100	27.88	.0660	.8430	.0078	.0406	.2270	.3040	.0540	.2471	
030' 00.00'	A992-06	.80	55700	69400	26.05	.0067	.0014	.0002	.0030	.0035	.0133	5.4908	.2877	
W250X22.3			384	479			5 piece(s)						InvH:	
009.1440m														
W10x15	2615522	.84	58400	69600	25.20	.0700	.8550	.0078	.0377	.1010	.3420	.1040	.2559	
030' 00.00'	A992-06	.82	57200	69900	25.33	.0058	.0011	.0006	.0021	.0033	.0140	5.5793	.2889	
W250X22.3			394	482			8 piece(s)						InvH:	
009.1440m														

CE1 = C+((Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)
 Fcm = C+((Si/30)+((Mn/20)+(Cu/20)+(Mo/15)+(V/10)+5B))

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

BRUCE A. WALK
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

day of _____

9:38 09-23 TO 12038794260

MILL TEST REPORT
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000
 9/27/06 17:44:53
 100% MELLED AND MANUFACTURED IN THE USA
 All Beams Produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
Customer: #1: 502 - 1
 Customer PO: C19787
 B.O.L. #...: 367339

SHIP To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
Customer: #1: 502 - 1
 Customer PO: C19787
 B.O.L. #...: 367339

SPECIFICATIONS: Tested in accordance with ASTM specification 06/A6M and A370.
 RAASHTO : M270-36-00/M270-50-0C
 ASME : SA-36
 ASTM : A992-06//036-05/A572-06-50/A709-06a36/A709-06a50/A7C9 345M
 CSA : CSA-44W/C40.21-50W

Description	Depth	Grade(s)	Yield Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C	Cr	Pb	Mo	Ti	Ni	Cu	S	Al	Si	V	Nb	Zr	N	O	CE1	CE2	
																								Mpa
W10X12	2615646		.83	59000	71500	26.45	.0660	.8470	.0062	.0340	.1720	.3250	.0800	.0340	.0010	.0030	.0061	.0000	.0000	.0000	.0000	.0000	.2547	.2856
040' 00.00'	A992-06		.81	55700	70100	25.76	.0000	.0012	.0020	.0034	.0061	.0000	.0000	.0034	.0010	.0030	.0061	.0000	.0000	.0000	.0000	.0000	.1544	.1544
W250X17.9			.81	55700	70100	25.76	.0000	.0012	.0020	.0034	.0061	.0000	.0000	.0034	.0010	.0030	.0061	.0000	.0000	.0000	.0000	.0000	.1544	.1544
012.1920m			.81	55700	70100	25.76	.0000	.0012	.0020	.0034	.0061	.0000	.0000	.0034	.0010	.0030	.0061	.0000	.0000	.0000	.0000	.0000	.1544	.1544
W10X12	2615649		.81	57700	70900	28.76	.0550	.8440	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.0078	.2511	.2835
040' 00.00'	A992-06		.82	58300	71000	27.34	.0070	.0013	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.1509	.1509
W250X17.9			.82	58300	71000	27.34	.0070	.0013	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.1509	.1509
012.1920m			.82	58300	71000	27.34	.0070	.0013	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.1509	.1509
W10X12	2615651		.82	59400	72400	26.25	.0730	.9000	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.0096	.2685	.3012
040' 00.00'	A992-06		.81	58300	72400	25.78	.0150	.0016	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1594	.1594
W250X17.9			.81	58300	72400	25.78	.0150	.0016	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1594	.1594
012.1920m			.81	58300	72400	25.78	.0150	.0016	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1594	.1594
W8X31	2615972		.70	51100	65700	24.68	.0680	.3010	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.0101	.2212	.2544
030' 00.00'	A992-06		.79	51200	65200	22.13	.0096	.0013	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1311	.1311
W200X46.1			.79	51200	65200	22.13	.0096	.0013	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1311	.1311
009.1440m			.79	51200	65200	22.13	.0096	.0013	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.1311	.1311
W8X31	2615975		.81	55400	68200	24.88	.0710	.8600	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.0121	.2340	.2798
030' 00.00'	A992-06		.80	56400	70400	22.89	.0280	.0260	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.1420	.1420
W200X46.1			.80	56400	70400	22.89	.0280	.0260	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.1420	.1420
009.1440m			.80	56400	70400	22.89	.0280	.0260	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.0058	.1420	.1420

Elongation based on 8" (20.32cm) gauge length. No Weld Repair was performed.
 CI = 26.0(Cu+3.88Ni+1.20Cr+1.49Si+17.28P-7.29CuXNi)-(9.10NiXp)-33.39(CuXCu)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)Xb
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni-Cu)/15)
 CE2 = C+(Mn+Si)/6+((Cr+Mo+V+Cb)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina)
 (County of Berkeley)
 Sworn and subscribed before me

_____ day of _____

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/13/86 2L:03:07
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CI
 8 PENI BIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CI
 8 PENI BIGHWAY
 WALLINGFORD, CT 06492

Customer H.: 502 -
 Customer PO: C19420
 D.O.I. H.: 578277

SPECIFICATIONS: Tested in accordance with ASTM specification 06/06M and A370.

AASHTO : M270-36-00/M270-50-03

ASME : SA-36

ASTM : A992-06//A36-05/A572-66-5L/0709-06a36/A709-06a50/A709-345M

CSA : CSR-44W/G40.21-50W

HUGER

Description	Head# Grade(°) Test	Yield/ Ratio	Yield/ Tensile Ratio	Elong (%)	C		Mn		P		S		Si		Cu		Ni		CEI	
					Cr	Pb	Mo	IL	Sn	Ca	A	B	V	N	Nb	Zr	Al	XXXX	CI	CE1
C10X15.3 040' 00.00'	1616206 A992 06	.81	59900	72400	23.34	.0680	.8610	.0087	.0261	.21E0	.0880	.0300	.0300	.2202	.2619	.1304	.0000	2.6326	InvH:	0
C250X22.8 006.0960m		.82	58400	70800	24.29	.042	.0014	.0021	.0014	.0362	.0000	.0000	.0000	InvH:	0					
C10X15.3 030' 00.00'	2616461 A992-06	.84	59800	70800	26.39	.0550	.8670	.0083	.0322	.2220	.1130	.0530	.0530	.2344	.2772	.1375	.0000	3.1846	InvH:	0
C250X22.8 009.1440m		.82	58300	71300	25.60	.0083	.0013	.0001	.0021	.0071	.0000	.0000	.0000	InvH:	0					
C10X15.3 030' 00.00'	1609678 A992-06	.82	60000	73400	27.39	.0660	.8630	.0060	.0200	.2500	.0890	.0000	.0000	.2158	.2626	.1219	.0000	2.5266	InvH:	0
C250X22.8 009.1440m		.82	59700	73100	25.13	.0000	.0000	.0000	.0000	.0062	.0000	.0000	.0000	InvH:	0					
C10X15.3 040' 00.00'	1509637 A992-06	.83	59000	70700	27.38	.0670	.8490	.0153	.0288	.1920	.070	.0290	.0290	.2275	.2770	.1330	.0000	3.2839	InvH:	0
C250X22.8 012.1920m		.82	57900	70600	26.59	.046	.0022	.0015	.0007	.0059	.0000	.0000	.0000	InvH:	0					
C10X15.3 040' 00.00'	1616437 A992-06	.83	60200	72500	25.31	.0670	.8600	.0125	.0275	.2120	.1170	.0380	.0380	.2352	.2770	.1330	.0000	3.2839	InvH:	0
C250X22.8 012.1920m		.82	59700	73200	25.31	.0099	.0025	.0031	.0310	.0065	.0000	.0000	.0000	InvH:	0					

Elongation based on 8" (20.32cm) gage length. No Weld Repair was performed.
 CI = 25.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10MnXP)-33.39(CuXCu)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

_____ day of _____

FROM: NUCOR STEEL

0:11 11-13 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

11/27/06 0:07:19
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkley are cast and
 rolled to a fully killed and fine grain practice.

MILL TEST REPORT

Sold To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 -
 B.o.L. No.: 5000:9

SPECIFICATIONS: Tested in accordance with ASTM specification A4/A6M and A370.
 AASHTO: M270-36-00/M270-50-00
 ASME: SA-36
 ASIM: A992-06//A36-05/A572-06 50/A709-06A36/A709-06A50/A709-345M
 CSA: CSA-44W/G40-21-50W

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (ksi)	Tensile (ksi)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1	
						Pb	Pb	Mo	Si	Al	V	N	Ch	Nb	Zr	CE1	CE2	PCN			
C8X13.75 0.90 0.00	16A9301 A992-06	.81	53700	68000	26.66	.0710	.0697	.8420	.0097	.0041	.0004	.0279	.2100	.0793	.0260	.2290	.2689	.306			
C200X20.5 0.12.1920m		.85	57100	63100	24.69	.0883	.0804	.7323	.0004	.0006	.0006	.0037	.0032	.0248	2.4405						
C8X13.75	2618597	.84	55100	70400	25.79	.0650	.0090	.6510	.0090	.0042	.0007	.0205	.2560	.1010	.0320	.2267	.2740				
C200X20.5	A992-06	.82	56400	7400	27.63	.0091	.0018	.0018	.0018	.0018	.0018	.0042	.0033	.0255	2.9531						
C15.2400m			403	492																	
MC10X8.4	2612487	.81	54900	68000	28.89	.0730	.0055	.8530	.0055	.0091	.0007	.0225	.2070	.1230	.0580	.2392	.2756				
MC25X12.5	A992-06	.80	55600	68000	29.46	.0063	.0008	.0008	.0008	.0008	.0008	.0007	.0063	.0000	3.3049						
0.12.1920m			383	481																	

Customer PO: C19420
 Customer PO: C19420
 Customer PO: C19445

CE1 = C+(Mn/6)+((Cr+Mn+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mn+V+Cb)/5)+((Ni+Cu)/15)
 PCN = C+(Si/30)+((Mn/20)+(Cu/20)+(Ni/60)+(Mn/15)+(V/10)+Sb)

Elongation based on 0" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+1.86Ni+1.20Cr+1.49Si+17.28P+(7.29Cu+K1)-(9.1C+Mn)-31.39(Cu+Cu)
 PCN = C+(Si/30)+((Mn/20)+(Cu/20)+(Ni/60)+(Mn/15)+(V/10)+Sb)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

BRUCE A. WOLF
 Metallurgist

Atlas Tube Inc.
 200 Clark St.
 Harrow, Ontario, Canada
 NOR 1G0
 Tel: 519-738-3541
 Fax: 519-738-3537

Ref.B/L: 80206647
 Date: 08.29.2006
 Customer: 81



MATERIAL TEST REPORT

Sold to

Infra-Metals Corporation
 8 Pent Highway
 WALLINGFORD CT 06492
 USA

Shipped to

Infra-Metals Corporation
 8 Pent Highway
 WALLINGFORD CT 06492
 USA

Material: 10.0x10.0x500x30°O(2x1).
 Sales order: 239140

Material No: 100100500
 Purchase Order: C20076MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
304936	0.160	0.810	0.014	0.017	0.100	0.054	0.070	0.000	0.005	0.040	0.030	0.005
Bundle No	Yield		Tensile		Eln.2in		Certification					
M200370572	055260 Psi		067340 Psi		35.0 %		ASTM A500-03A GRADE C & B					

Material Note:
 Sales Or.Note:

Material: 10.0x10.0x625x33°O(2x1).
 Sales order: 245346

Material No: 100100625
 Purchase Order: B201810W

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
4732E	0.200	0.870	0.010	0.006	0.020	0.042	0.020	0.000	0.010	0.020	0.010	0.002
Bundle No	Yield		Tensile		Eln.2in		Certification					
M200360915	060480 Psi		073610 Psi		32.8 %		ASTM A500-03A GRADE C & B					

Material Note:
 Sales Or.Note:

Material: 10.0x10.0x625x33°O(2x1).
 Sales order: 245346

Material No: 100100625
 Purchase Order: B201810W

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
4732E	0.200	0.870	0.010	0.006	0.020	0.042	0.020	0.000	0.010	0.020	0.010	0.002
Bundle No	Yield		Tensile		Eln.2in		Certification					
M200360914	060480 Psi		073610 Psi		32.8 %		ASTM A500-03A GRADE C & B					

Material Note:
 Sales Or.Note:

Material: 10.0x10.0x625x33°O(2x1).
 Sales order: 245346

Material No: 100100625
 Purchase Order: B201810W

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
4732E	0.200	0.870	0.010	0.006	0.020	0.042	0.020	0.000	0.010	0.020	0.010	0.002
Bundle No	Yield		Tensile		Eln.2in		Certification					
M200360916	060480 Psi		073610 Psi		32.8 %		ASTM A500-03A GRADE C & B					

Material Note:
 Sales Or.Note:

Authorized by Quality Assurance:



PO#17319-4&5

DATE	2/06/06
INVOICE NO.	19796
BILL OF LADING	770376
CUSTOMER NO.	9310
CUSTOMER P.O.	C19401

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:
 ASTM A992/A992M-04a A572/A572M GR50-03a
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-04a

SOLD TO:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492-0000

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		TEMP	IMPACT ENERGY													
					MPa	MPa		°F	FT-LBS													
1	W24 - 76.0 45' W610 x113.0 13.716 M	1	268433	.70	51000	73000	26				.09	1.26	.015	.022	.17	.38	.10	.11	.03	.00	.015	.36
				.70	52000	74000	26												.01	.19		
					352	503	26															
					359	510	26															
2	W24 - 76.0 45' W610 x113.0 13.716 M	1	268438	.78	56000	72000	27				.06	1.20	.018	.017	.23	.34	.09	.10	.02	.00	.016	.31
				.78	56000	72000	27												.01	.16		
					386	496	27															
					386	496	27															
3	W24 - 76.0 45' W610 x113.0 13.716 M	3	268451	.73	57000	78000	25				.08	1.22	.019	.022	.21	.32	.08	.12	.02	.00	.016	.34
				.76	55000	72000	26												.01	.18		
					393	538	25															
					379	496	26															
4	W24 - 76.0 45' W610 x113.0 13.716 M	2	268454	.72	54000	75000	24				.08	1.22	.019	.024	.23	.36	.10	.14	.02	.00	.016	.34
				.72	54000	75000	24												.01	.18		
					372	517	24															
					372	517	24															
5	W24 - 76.0 45' W610 x113.0 13.716 M	7	268455	.69	54000	78000	23				.09	1.24	.025	.020	.20	.39	.09	.14	.02	.00	.016	.36
				.69	53000	77000	24												.02	.19		
					372	538	23															
					365	531	24															
6	W24 - 76.0 45' W610 x113.0 13.716 M	1	268461	.72	53000	74000	26				.08	1.24	.016	.024	.20	.31	.10	.12	.03	.00	.016	.35
				.72	53000	74000	26												.01	.18		
					365	510	26															
					365	510	26															

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

DUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

6 Day of 02/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164501
 Load No: 1071809
 Manifest No: 1788787

Ship To: 1
 INFERA-METALS CORPORATION-CT, R
 DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492
 US

INFERA-METALS CORPORATION-CT, R
 DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492
 US

LENGTH / 19.812 M
 PRODUCT
 WF BEAMS

GRADE
 992/572-50

SIZE
 W 24 X 68# / W610 X 101

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328560

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE	ROA
.07	1.22	.015	.035	.22	.41	.10	.10	.019	.016	.001	.000	.020	.33	%

PHYSICAL PROPERTIES

Yield Strength ksi	Tensile Strength ksi	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	ROA
55.7	71.8	0.974	25.3	8In	200 mm	%
55.9	69.6	0.943	27.3	8In	200 mm	%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Nov. 22, 2006 Signed: *Tom L. Harrington* Date: _____
 TOM L. Harrington, Quality Assurance Manager Notary Public (if applicable) Date: _____ Page: 13 of 25

DATE	12/11/06
INVOICE NO.	99775
BILL OF LADING	B20181
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP,
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG. %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		TEMP °F	IMPACT ENERGY FT-LBS												
					MPa	MPa	%	°C		JOULES													
1	W24 - 55.0 32' W610 x 82.0 9.754 M	3	286895	.73	57000	78000	23			.08	1.10	.018	.030	.32	.28	.11	.11	.03	.00	.014	.32		
2	W24 - 55.0 32' W610 x 82.0 9.754 M	5	286902	.71	53000	75000	23			.08	1.13	.017	.034	.30	.27	.12	.14	.03	.00	.016	.33		
3	W24 - 55.0 32' W610 x 82.0 9.754 M	22	286904	.72	53000	74000	23			.08	1.10	.017	.034	.29	.27	.13	.15	.03	.00	.016	.33		
4	W24 - 55.0 32' W610 x 82.0 16.764 M	3	286912	.76	53000	70000	24			.07	1.13	.018	.035	.31	.27	.12	.11	.03	.00	.016	.32		
5	W24 - 55.0 32' W610 x 82.0 16.764 M	6	286976	.73	53000	73000	25			.07	1.12	.014	.033	.34	.33	.14	.07	.03	.00	.016	.31		
6	W24 - 55.0 32' W610 x 82.0 16.764 M	6	286978	.73	57000	78000	24			.08	1.12	.016	.027	.32	.29	.12	.12	.03	.00	.015	.33		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

11 Day of 12/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

DATE 12/15/06
 INVOICE NO. 101543
 BILL OF LADING 821434
 CUSTOMER NO 9310
 CUSTOMER P.O. C19904

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1226 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
 100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

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 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa															
1	W21 - 50.0 30'	3	287404	.74	55000	74000	25			.06	1.21	.024	.035	.29	.31	.11	.12	.02	.00	.022	.32		
	W530 x 74.0 9.144 M			.74	55000	74000	34											.01	.16				
					379	510	25																
					379	510	34																
2	W21 - 50.0 30'	2	287405	.72	56000	78000	22			.08	1.20	.023	.035	.29	.30	.11	.12	.03	.00	.023	.34		
	W530 x 74.0 9.144 M			.71	54000	76000	24											.01	.18				
					386	538	22																
					372	524	24																
3	W21 - 50.0 30'	1	287440	.76	58000	76000	25			.09	1.24	.021	.036	.29	.30	.11	.13	.03	.00	.020	.36		
	W530 x 74.0 9.144 M			.75	59000	79000	24											.01	.19				
					400	524	25																
					407	545	24																
4	W21 - 50.0 32'	3	278166	.75	55000	73000	22			.06	1.16	.032	.038	.26	.32	.11	.15	.03	.01	.022	.32		
	W530 x 74.0 9.754 M			.75	53000	71000	25											.01	.16				
					379	503	22																
					365	490	25																
5	W21 - 50.0 32'	3	278725	.75	54000	72000	23			.07	1.12	.013	.027	.28	.30	.10	.11	.03	.00	.016	.32		
	W530 x 74.0 9.754 M			.76	54000	71000	23											.01	.17				
					372	496	23																
					372	490	23																
6	W21 - 50.0 35'	9	278544	.75	55000	73000	25			.08	1.12	.016	.035	.34	.27	.12	.12	.04	.00	.024	.33		
	W530 x 74.0 10.668 M			.77	57000	74000	24											.01	.17				
					379	503	25																
					393	510	24																
7	W21 - 50.0 40'	3	287405	.72	56000	78000	22			.08	1.20	.023	.035	.29	.30	.11	.12	.03	.00	.023	.34		
	W530 x 74.0 12.192 M			.71	54000	76000	24											.01	.18				
					386	538	22																
					372	524	24																
8	W21 - 50.0 40'	3	287444	.74	59000	80000	23			.07	1.21	.023	.036	.30	.29	.12	.15	.03	.00	.022	.34		
	W530 x 74.0 12.192 M			.74	60000	81000	24											.01	.16				
					407	552	23																
					414	558	24																
9	W21 - 50.0 60'	3	287452	.74	60000	81000	22			.09	1.22	.022	.032	.29	.28	.12	.12	.03	.00	.021	.35		
	W530 x 74.0 18.288 M			.72	58000	81000	23											.01	.18				
					414	558	22																
					400	558	23																

CARBON EQUIVALENT: CE = C + Mn/6 + (Cu+Ni+Cr)/16 + Nb/5 + (V+Ti)/6
 Conversion factor: 1 MPa = 145.038 psi

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

 QUALITY ASSURANCE

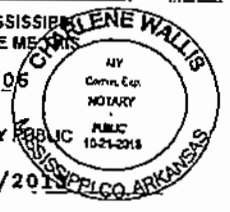
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

15 Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Load No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331620

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.95	.014	.031	.26	.37	.10	.08	.015	.012	.003	.003	.020	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	POA
KSI	KSI	Sq In	%	8In	%
56.0	71.1	0.664	24.4	200 mm	
57.1	75.0	0.675	26.3	200 mm	
				8In	
				8In	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 06, 2006 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Pages: 13 of 19

DATE	11/06/06
INVOICE NO	89970
BILL OF LADING	B13634
CUSTOMER NO.	9310
CUSTOMER P O	C 20376

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A5/A5M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
					TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
						PSI	MPa			PSI	MPa													TEMP °F
1	W16 - 31.0	3	284872	.81	63000	78000	27					.08	.95	.014	.036	.28	.30	.12	.12	.03	.00	.017	.30	
	30'			.79	62000	78000	26													.01	.17			
	W410 x 46.1 9.144 M					434	538	27																
2	W16 - 31.0	2	284894	.82	64000	78000	25					.06	.90	.017	.037	.28	.36	.12	.16	.03	.00	.015	.28	
	30'			.82	65000	79000	24													.01	.15			
	W410 x 46.1 9.144 M					441	538	25																
3	W16 - 31.0	44	284895	.82	64000	78000	24					.05	1.00	.021	.036	.30	.34	.12	.22	.03	.00	.019	.30	
	30'			.82	64000	78000	23													.02	.14			
	W410 x 46.1 9.144 M					441	538	24																
4	W16 - 31.0	23	284120	.82	58000	71000	23					.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28	
	35'			.81	58000	72000	22													.01	.15			
	W410 x 46.1 10.668 M					400	490	23																
5	W16 - 31.0	10	284395	.79	58000	73000	24					.05	.95	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26	
	35'			.80	59000	74000	25													.01	.14			
	W410 x 46.1 10.668 M					400	503	24																
6	W16 - 31.0	1	284416	.80	60000	75000	24					.07	.91	.017	.033	.26	.29	.11	.12	.02	.00	.016	.28	
	35'			.80	60000	75000	24													.01	.15			
	W410 x 46.1 10.668 M					414	517	24																
7	W16 - 31.0	3	284912	.81	60000	74000	24					.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26	
	35'			.80	60000	75000	24													.01	.14			
	W410 x 46.1 10.668 M					414	510	24																
8	W16 - 31.0	5	284923	.82	62000	76000	24					.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29	
	35'			.83	63000	76000	23													.01	.15			
	W410 x 46.1 10.668 M					427	524	24																

CARBON EQUIVALENT: CE = CE(16) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni + Cu)/15

ELONGATION BASED ON 8.00 INCH GAGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

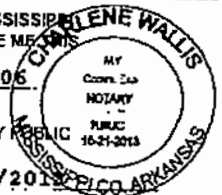
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

6 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2019



DATE 11/09/06
 INVOICE NO. 90035
 BILL OF LADING 814406
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES								CHEMICAL PROPERTIES														
				YIELD TO TENSILE RATIO	YIELD STRENGTH-PSI	YIELD STRENGTH-MPa	TENSILE STRENGTH-PSI	TENSILE STRENGTH-MPa	ELONG %	CHARTY TEMP °F	IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
																								Sn	Pcm	Cl
1	W16 - 31.0 35' W410 x 46.1 10.668 M	11	284139	.80	57000	71000	24			.06	.90	.016	.033	.28	.30	.12	.12	.03	.00	.019	.27					
				.81	61000	75000	24											.01	.15							
2	W16 - 31.0 35' W410 x 46.1 10.668 M	3	284342	.83	60000	72000	24			.05	.95	.017	.036	.20	.28	.13	.13	.03	.00	.015	.27					
				.80	56000	70000	24											.01	.13							
3	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284486	.80	61000	76000	24			.07	.92	.017	.038	.27	.28	.09	.10	.02	.00	.015	.26					
				.81	61000	75000	24											.01	.15							
4	W16 - 31.0 35' W410 x 46.1 10.668 M	3	284811	.80	60000	75000	25			.06	.90	.016	.036	.27	.34	.12	.17	.03	.00	.016	.28					
				.81	60000	74000	24											.01	.15							
5	W16 - 31.0 35' W410 x 46.1 10.668 M	17	284910	.81	63000	78000	24			.08	.98	.031	.037	.31	.30	.12	.19	.02	.00	.018	.31					
				.82	65000	79000	25											.01	.17							
6	W16 - 31.0 35' W410 x 46.1 10.668 M	7	284912	.81	60000	74000	24			.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26					
				.80	60000	75000	24											.01	.14							
7	W16 - 31.0 40' W410 x 46.1 12.192 M	2	284272	.83	60000	72000	24			.06	.94	.019	.033	.23	.31	.13	.10	.03	.00	.017	.28					
				.82	61000	74000	23											.01	.15							
8	W16 - 31.0 40' W410 x 46.1 12.192 M	2	284929	.84	63000	75000	25			.06	.92	.020	.039	.27	.35	.10	.14	.02	.00	.015	.27					
				.83	62000	75000	24											.01	.15							
9	W16 - 31.0 40' W410 x 46.1 12.192 M	3	284930	.83	62000	75000	26			.05	.91	.019	.038	.27	.31	.10	.11	.02	.00	.017	.26					
				.84	63000	75000	26											.01	.14							

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell

 QUALITY ASSURANCE

CUSTOMER COPY

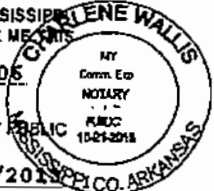
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

9 Day of 11/06

Charlene Wallis

 NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9661
 (972) 775-8241

Order Date: 06/30/2006
 PO No: C19848
 Mill Order No: 317378
 Lead No: 1078068
 Manifest No: 1793692

Ship To: 1
 INTRA-METALS CORPORATION-CT R INTRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

SIZE M 16 X 31# / W410 X 46.1 GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30334060

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.84	.007	.032	.22	.32	.09	.07	.013	.011	.002	.003	.008	.25

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
52.5	66.3	0.430	27.4	8In	200 mm
52.4	67.3	0.416	28.4	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.1

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchase designated requirements."

Signed: Tom L. Harrington Date: Dec. 16, 2006 Signed: Tom L. Harrington Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 27 of 41

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
 PO No: C20725
 Mill Order No: 3219615
 Load No: 1076553
 Manifest No: 1792554

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 16 X 26# / W410 X 38.8

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Ma	P	S	Si	Cu	Mn	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
56.2	69.4	478.5	0.385	2.48	26.3	8In 200 mm		
56.0	70.5	486.1	0.377	2.43	26.6	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

PO#17319-5

Arcelor Comercial Perfiles España, S.L.
 Long Carbon Steel Europe
 Sections
 CARRETERA TOLEDO, KM. 9
 28021 MADRID
 TELEF. (91) 797.23.00 - FAX (91) 505.02.57



QUALITY CERTIFICATE

APS P-7717

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)																						
	C	Mn	Si	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn	CEV										
67723	.088	.892	.213	.021	.012	.003	.114	.101	.016	.398	.017	.025	.30										
67725	.085	.832	.200	.024	.018	.003	.146	.123	.028	.502	.017	.022	.30										
67734	.090	1.180	.223	.022	.017	.003	.108	.091	.017	.420	.017	.027	.35										
67735	.091	1.227	.226	.012	.012	.003	.084	.078	.017	.314	.017	.029	.34										
67737	.095	1.224	.259	.020	.014	.003	.109	.090	.019	.384	.016	.032	.36										
67738	.087	1.147	.229	.026	.017	.003	.124	.090	.019	.445	.016	.057	.34										
67739	.082	1.169	.230	.023	.020	.003	.108	.087	.020	.503	.019	.034	.34										
67740	.084	1.156	.230	.016	.025	.003	.128	.111	.029	.377	.017	.030	.34										
67742	.081	1.248	.236	.015	.016	.004	.126	.089	.027	.306	.016	.019	.35										
67743	.082	1.230	.230	.022	.019	.003	.118	.102	.023	.426	.017	.023	.35										
67744	.087	1.202	.217	.026	.019	.003	.134	.125	.022	.490	.018	.025	.36										
67749	.085	.776	.221	.027	.015	.002	.127	.125	.016	.489	.018	.040	.28										
67750	.088	.792	.199	.019	.023	.003	.119	.131	.018	.518	.016	.037	.29										
67752	.086	.803	.227	.027	.017	.002	.120	.111	.017	.513	.017	.046	.29										
67753	.085	.841	.227	.024	.015	.002	.108	.108	.018	.451	.018	.060	.29										
67754	.088	.845	.220	.030	.026	.003	.100	.099	.017	.403	.016	.054	.29										
67755	.086	.841	.213	.021	.017	.002	.102	.112	.019	.462	.018	.037	.29										
67756	.092	.826	.228	.017	.014	.002	.092	.107	.016	.414	.017	.027	.29										
67758	.087	.955	.282	.016	.020	.003	.098	.105	.019	.401	.016	.019	.30										
67760	.087	.922	.240	.013	.017	.003	.103	.089	.024	.252	.016	.015	.29										
67761	.081	.915	.212	.021	.013	.003	.135	.104	.016	.402	.021	.017	.30										
67763	.082	.843	.210	.013	.022	.003	.063	.109	.016	.458	.018	.033	.28										
67764	.087	.840	.206	.012	.019	.002	.077	.118	.016	.509	.017	.048	.29										
67765	.090	.860	.206	.014	.018	.003	.070	.105	.016	.479	.018	.044	.29										
67766	.087	.816	.203	.018	.020	.003	.098	.112	.015	.506	.016	.032	.29										
67767	.082	.832	.210	.021	.016	.003	.127	.106	.015	.491	.017	.027	.29										
67768	.088	.788	.201	.017	.013	.003	.125	.123	.018	.447	.016	.034	.29										

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO-8"	
W-10x49	67656	387	391	505	510	22,7	22,5
W-10x49	67718	366	368	475	477	22,6	22,4
W-10x49	67719	366	370	479	482	21,4	21,1
W-10x49	67722	366	368	471	475	22,8	22,7
W-10x49	67723	376	381	492	495	22,6	22,5
W-10x49	67725	373	377	480	486	22,7	22,6
W-10x49	67734	414	418	512	517	22,5	22,4
W-10x49	67737	405	409	512	515	22,5	22,4
W-10x49	67738	405	408	516	519	22,4	22,2
W-10x49	67739	387	389	509	512	23,1	22,9
W-10x49	67740	390	392	505	508	23,3	23,1
W-10x49	67742	381	384	504	509	23,5	23,4
W-10x49	67743	404	406	517	520	22,6	22,5
W-10x49	67749	379	382	485	490	21,3	21,1
W-10x49	67750	384	390	487	492	21,7	21,5
W-10x54	67657	421	423	521	524	22,4	22,3
W-10x54	67752	385	390	493	496	22,8	22,6



QUALITY CERTIFICATE

APS P-7717

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% L0=8"	
		CP1	CP2	CP3	CP4	CP5	CP6
W-10x54	67753	383	385	493	495	22,7	22,3
W-10x54	67754	378	381	482	485	22,6	22,5
W-10x54	67755	374	376	485	488	22,6	22,4
W-10x54	67756	379	381	488	491	22,5	22,2
W-10x60	67767	374	380	478	481	23,7	23,5
W-10x60	67768	375	378	479	481	23,4	23,
W-10x68	67658	374	379	514	517	22,5	22,3
W-10x68	67764	365	368	480	483	23,4	23,1
W-10x68	67765	360	364	486	489	22,8	22,7
W-10x68	67765	364	367	483	489	23,1	23,
W-10x77	67760	348	349	464	467	24,4	24,1
W-10x77	67761	351	357	461	463	23,9	23,7
W-10x77	67763	350	351	466	468	23,8	23,7
W-16x100	67708	361	366	481	486	22,1	21,8
W-16x100	67709	346	352	476	480	22,7	22,4
W-16x100	67710	351	357	478	482	22,3	22,1
W-16x100	67744	397	401	510	514	22,1	22,1
W-16x67	67699	389	393	499	504	20,4	20,2
W-16x67	67700	367	371	486	489	22,3	22,1
W-16x67	67701	372	376	474	479	23,9	23,7
W-16x67	67702	360	365	470	473	22,2	22,1
W-16x67	67703	363	367	452	457	21,7	21,5
W-16x67	67704	405	407	502	505	20,7	20,5
W-16x67	67706	375	379	478	482	23,1	22,8
W-16x67	67735	373	376	493	498	23,1	22,9
W-16x67	67738	394	397	506	508	23,	22,8
W-16x67	67739	418	421	513	516	22,4	22,3
W-16x77	67706	359	363	467	471	23,1	22,8
W-16x77	67707	363	366	468	472	24,3	24,
W-16x77	67758	361	365	467	470	23,6	23,4
W-16x89	67711	350	357	472	476	24,6	24,4
W-16x89	67713	351	356	477	480	23,7	23,6
W-16x89	67760	351	356	468	471	25,2	24,7
W-21x62	67626	398	404	508	512	22,1	22,1
W-21x62	67694	367	371	472	477	22,6	22,4
W-21x62	67698	403	408	492	496	21,1	20,7
W-21x62	67699	405	409	503	511	21,4	21,1
W-21x62	67700	396	403	490	498	21,8	21,5
W-21x62	67702	369	370	473	477	22,3	22,1
W-21x62	67703	372	378	475	478	25,9	25,7
W-21x62	67704	384	388	494	496	22,7	22,5
W-21x68	67626	374	378	510	514	22,4	23,3
W-21x68	67680	371	376	498	502	22,3	22,2
W-21x68	67684	375	377	482	485	22,9	22,8
W-21x68	67685	375	377	487	489	23,	22,6
W-21x68	67689	378	379	482	485	23,1	22,8
W-21x73	67659	403	406	509	513	22,7	22,5
W-21x73	67680	350	354	478	480	20,2	20,2

A01

Arcelor Comercial Perfiles España, S.L.
 Long Carbon Steel Europe
 Sections
 CARRETERA TOLEDO, KM. 9
 28021 MADRID
 TELEF. (91) 797.23.00 - FAX (91) 505.02.57



QUALITY CERTIFICATE

APS P-7717

MATERIAL SIZE	COLADA HEAT	PROPIEDADES MECANICAS MECHANICAL PROPERTIES					
		ReH MPa		Rm MPa		A% LO=8"	
B17	B06	C17		C17		C17	
W-21x73	67683	370	374	473	475	23,4	23,1
W-21x83	67676	363	366	474	478	21,6	21,4
W-21x83	67677	367	368	481	486	20,6	20,5
W-21x83	67679	352	354	472	475	21,5	21,3

59 análisis

D01: Certificamos que los aceros arriba indicados han sido satisfactoriamente probados de acuerdo con la especificación.
 B06: Marca APN

Z01

Javier Aseguinolaza

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/12/06 1:17:39
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

SHIP ID: INFRA METALS CORP - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 B.O.L. #: 578021

SHIP ID: INFRA METALS CORP - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
 SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/ASTM-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSM-44W/C40-21-50W

HUGER
 STEEL
 FROM: NUCOR

Description	Heat Grade(s) Test	Yield/Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C		Ma		P		S		Si		Cu		Ni		CE1	
						Pb	TI	Mo	TI	Ca	Sn	Al	B	V	N	Nb	Zr	CI	XX	CI	CE2
W12x14	1616873	.81	56900	70400	28.28	.0670	.8980	.0129	.0286	.2350	.1010	.0380	.2395								
035' 00.00'	A992-06		392	485		.0360	.0280	.0046	.0039	.0038	.0133	.2813									
W310X21.0		.82	58500	71500	27.98	.0067	.0021	.0007	.0004	.0069	.0000	3.0177	.1313								
010.6680m			403	493			24 Piece(s)	Customer PO: C19818				InvH:									
W12x14	2616800	.81	57800	71400	27.46	.0740	.8290	.0078	.0294	.1950	.1100	.0560	.2366								
035' 00.00'	A992-06		399	492		.0450	.0280	.0060	.0001	.0038	.0139	.2739									
W310X21.0		.80	57400	71800	26.96	.0056	.0013	.0000	.0023	.0069	.0000	3.1048	.1443								
010.6680m			396	495			16 Piece(s)	Customer PO: C19818				InvH:									
W12x16	2606476	.83	59200	71000	28.31	.0710	.8140	.0063	.0328	.2240	.1360	.0470	.2325								
035' 00.00'	A992-06		408	490		.0430	.0210	.0074	.0025	.0040	.0278	.2754									
W310X23.8		.83	59100	71200	26.83	.0022	.0016	.0019	.0012	.0054	.0000	3.5471	.1366								
010.6680m			407	491			32 Piece(s)	Customer PO: C19818				InvH:									
W12x16	1611997	.83	57600	69100	26.63	.0660	.8090	.0092	.0283	.2070	.0790	.0310	.2189								
035' 00.00'	A992-06		397	476		.0310	.0190	.0046	.0002	.0038	.0263	.2587									
W310X23.8		.83	56300	68200	27.54	.0059	.0015	.0018	.0017	.0059	.0000	2.4508	.1294								
013.7160m			388	470			25 Piece(s)	Customer PO: C19818				InvH:									
W12x16	2612000	.82	56900	69100	28.19	.0670	.8430	.0069	.0293	.2180	.0810	.0330	.2241								
045' 00.00'	A992-06		392	476		.0220	.0190	.0050	.0002	.0038	.0253	.2655									
W310X23.8		.81	55700	68400	26.79	.0060	.0014	.0019	.0017	.0065	.0000	2.4647	.1321								
013.7160m			384	472			56 Piece(s)	Customer PO: C19818				InvH:									

Elongation based on B' (20.32cm) gauge length. 'No Weld Repair' was performed.
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 Pcm = C+(Si/30)+((Mn/20)+((Ni/60)+(Cr/20)+(Mo/15)+(V/10)+S)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.
 Bruce A. Work
 Metallurgist
 (State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____)

1:18 11-12 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

9/04/06 3:47:42
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Ship Id: INFRA-METALS CORP.
 INFRA METALS CORP.
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 B.O.L. #: 561514

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AGM and A370.

ASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASIM : A992-04a//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/C40.21-50W

From: HUGER

Description	Heat Grade(S) Test	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong (%)	C		Mn		P		S		Si		Cu		NI		CEI			
						Ct Pb	Mo Ti	Sn Ca	Al B	V N	Nb Zr	CI1 CI2 Pcm	CI1 CI2 Pcm										
W10X45.0	1614691	.75	55000	73200	21.28	.0650	1.1170	.0133	.0240	.02980	.1240	.0450	.2761	.3316	.1527	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
055' 00.00'	A992-04a	.75	379	505	504	.0350	.0280	.0049	.0022	.0051	.0296	.0450	.2761	.3316	.1527	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
W250X67	A992-04a	.75	54500	73100	21.71	.0196	.0018	.0000	.0022	.0065	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
016.7640m			376	504	504	18 Piece(s)	Customer PO: C19747																
W10X45.0	1614691	.75	55000	73200	21.28	.0650	1.1170	.0133	.0240	.02980	.1240	.0450	.2761	.3316	.1527	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
055' 00.00'	A992-04a	.75	379	505	504	.0350	.0280	.0049	.0022	.0051	.0296	.0450	.2761	.3316	.1527	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W250X67	A992-04a	.75	54500	73100	21.71	.0196	.0018	.0000	.0022	.0065	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
016.7640m			376	504	504	6 Piece(s)	Customer PO: C19787																

3:51 09-04 To: 12036794260

Elongation based on 0" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.0(Cu/3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu)
 Pcm = C+{(S/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+Sb

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce R. Work
 Metallurgist

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

9/23/06 19:35:04
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Shid To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 Customer PO: C19787
 B.O.I. #: 566436

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHIO : M270-36-00/R270-38-00
 ASME : SA-36
 ASTM : A992-06 // A36-05 / A572-06-50 / A709-06a36 / A709-06a50 / A709-345M
 CSA : CSA-44W/G40.21-50W

FROM: NUCOR STEEL

Description	Heat#	Grade(s)	Yield/ Tensile Ratio	Yield (MPa)	Tensile (MPa)	Elong %	C	Cr	Pb	Mn	Mo	Ti	Ca	S	Al	N	Si	Cu	Ni	CE1
W10x15 030', 00.00'	2615524	A992-06	.84	58700	69700	26.31	.0690	.0430	.0093	.8720	.0240	.0011	.0009	.0392	.0020	.0032	.1610	.3270	.1090	.2571
W250x22.3 009.1440m	A992-06		.81	57200	70700	26.45	.0032	.0032	.0009	.0011	.0009	.0011	.0009	.0025	.0020	.0032	.0068	.0000	5.5339	.1525
W10x15 030', 00.00'	2615502	A992-06	.81	56500	69400	28.16	.0720	.0500	.0082	.8040	.0250	.0012	.0000	.0320	.0022	.0036	.2210	.3420	.0980	.2511
W250x22.3 009.1440m	A992-06		.80	55000	69600	28.15	.0087	.0087	.0000	.0012	.0012	.0012	.0000	.0023	.0023	.0068	.0068	.0000	5.6496	.1542
W10x15 030', 00.00'	2615507	A992-06	.82	59500	72900	28.44	.0650	.0580	.0092	.8490	.0260	.0015	.0007	.0221	.0039	.0040	.2090	.3450	.0980	.2536
W250x22.3 009.1440m	A992-06		.81	59200	73200	28.06	.0121	.0121	.0007	.0015	.0015	.0015	.0007	.0022	.0022	.0074	.0074	.0000	5.6648	.1492
W10x15 030', 00.00'	2615519	A992-06	.81	56300	69100	27.88	.0660	.0390	.0078	.0490	.0230	.0014	.0002	.0406	.0023	.0035	.2270	.3040	.0940	.2471
W250x22.3 009.1440m	A992-06		.80	55700	69400	26.05	.0067	.0067	.0002	.0014	.0014	.0014	.0002	.0030	.0030	.0066	.0066	.0000	5.4908	.1515
W10x15 030', 00.00'	2615522	A992-06	.84	58400	69600	25.20	.0700	.0400	.0078	.8550	.0250	.0011	.0006	.0377	.0022	.0033	.1810	.3420	.1040	.2559
W250x22.3 009.1440m	A992-06		.82	57200	69900	25.33	.0058	.0058	.0006	.0011	.0011	.0011	.0006	.0021	.0021	.0065	.0065	.0000	5.5793	.1520

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.88Mn+1.20Cr+1.49Si+17.28P-17.29CuxNi)-(9.10BWP)-33.39(CuXCu)
 Pcm = C+((Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+S)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 day of _____)

9:38 09-23 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

10/03/06 18:37:23
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PERI HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CO
 8 PERI HIGHWAY
 WALLINGFORD, CT 06432

Customer H.: 502 - 1
 B.O.I. #: 568766

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

AASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06 // A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSR-44W/G40.21-S0W

HUGER

Description	Heat#	Yield/ Tensile Ratio	Yield (MPa)	Tensile (PSI)	Elong %	C		P		S		Si		Cu		Ni		CEI	
						Cr	Pb	Ma	Mo	Al	V	Nb	Zr	CI	PCB				
MC12X1.5X10.6	2616315	.81	56700	69800	23.64	.0690	.0091	.8440	.0250	.0325	.2210	.1150	.0510	.2332					
040' 00.00'	A992-06		391	481		.0320	.0071	.0071	.0023	.0051	.0051	.0120	.2724						
MC310X15.8		.81	56100	69600	28.76	.0091	.0013	.0013	.0019	.0071	.0071	.0000	3.2994	.1383					
012.1920m			387	480				72 piece(s)											
W10X12	1615673	.80	54800	68500	26.18	.0630	.0370	.8390	.0280	.0374	.2070	.1620	.0510	.2306					
030' 00.00'	A992-06		378	472		.0370	.0056	.0280	.0038	.0038	.0028	.0116	.2674						
W250X17.9		.81	55400	68200	26.73	.0056	.0015	.0015	.0012	.0012	.0052	.0000	3.9422	.1307					
009.1440m			382	470				8 piece(s)											
W10X17	2615477	.80	54300	68000	27.53	.0670	.0440	.8480	.0258	.0391	.2170	.3100	.0910	.2496					
020' 00.00'	A992-06		374	469		.0440	.0073	.0258	.0013	.0022	.0038	.0102	.2878						
W250X25.3		.80	53400	67000	26.64	.0073	.0013	.0013	.0000	.0029	.0058	.0000	5.5111	.1523					
006.0960m			368	460				24 piece(s)											

1.

FROM: NUCOR STEEL

8:40 10-03 To: 12036794260

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CEI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CrNi)-(9.10NiP)-33.39(CuXCu)
 PCm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+58

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

MILL TEST REPORT
 11/23/06 6:33:51
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

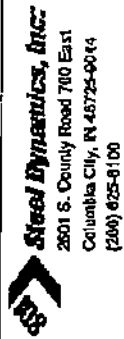
NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

Sold To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
 Ship To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
 Customer H.: 502 - 1
 B.O.L. H...: 579840

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AS6 and A370.
 ARS10 : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/G40.21-50W

Description	Roach Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C		Mn		P		S		Si		Cu		Ni		CEI	
						Cr	Pb	Mo	Yi	Sa	Ca	Al	B	V	N	Nb	Zr	CI	XX	XX	XX
C10X15.3	1616439	.83	58400	70000	24.73	.0670	.8380	.0106	.0394	.1930	.1270	.0450	.2303								
035' 00.00'	A992-06		403	483		.0340	.0250	.0082	.0028	.0026	.0293	.2685									
C250X22.8		.82	57700	70400	25.91	.0036	.0018	.0010	.0011	.0072	.0000	3.4049	.1315								
010.6680m			398	485		6 Piece(s) Customer PO: C19420															
C10X15.3	2616426	.84	58200	69600	25.38	.0650	.8170	.0092	.0380	.1930	.1470	.0480	.2320								
035' 00.00'	A992-06		401	480		.0420	.0260	.0064	.0027	.0046	.0276	.2697									
C250X22.8		.82	57300	69800	24.36	.0124	.0015	.0010	.0024	.0064	.0000	3.7297	.1376								
010.6680m			395	481		1 Piece(s) Customer PO: C19420															
C10X15.3	2616456	.82	58500	71500	24.34	.0670	.8090	.0081	.0347	.2290	.0740	.0350	.2200								
035' 00.00'	A992-06		403	493		.0250	.0220	.0044	.0020	.0037	.0290	.2640									
C250X22.8		.82	57600	70000	27.05	.0057	.0014	.0004	.0019	.0055	.0000	2.3722	.1320								
010.6680m			397	483		5 Piece(s) Customer PO: C19420															
C10X15.3	1616418	.83	59500	72000	26.65	.0670	.8020	.0125	.0317	.1800	.1570	.0450	.2289								
035' 00.00'	A992-06		410	496		.0430	.0270	.0068	.0042	.0040	.0251	.2640									
C250X22.8		.81	58400	71900	24.43	.0099	.0022	.0010	.0011	.0062	.0000	3.9143	.1319								
010.6680m			403	496		10 Piece(s) Customer PO: C19420															
C10X15.3	2616423	.82	57600	70500	25.29	.0700	.8230	.0106	.0318	.1780	.1630	.0480	.2342								
035' 00.00'	A992-06		397	486		.0340	.0260	.0070	.0023	.0047	.0233	.2689									
C250X22.8		.81	58200	71500	24.44	.0122	.0014	.0001	.0025	.0064	.0000	3.9663	.1423								
010.6680m			401	493		2 Piece(s) Customer PO: C19420															

=====
 Elongation based on 8" (20.32cm) gauge length. No Weld Repair, was performed.
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-[9.16MnX]-33.39(CuXCu)
 Pcm = C{(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+58
 CEI = C{(Mn/6)+(Cr+Mo+V)/5}+{(Ni+Cu)/15}
 CE2 = C{(Mn+Si)/6}+{(Cr+Mo+V+Cb)/5}+{(Ni+Cu)/15}
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.
 Bruce A. Work
 Metallurgist
 State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____



Certified Mill Test Report
100% Rolled and Manufactured in USA

2601 S. County Road 700 East
Columbiana City, IN 45725-9014
(606) 425-8100

Date: 2/15/2006
Customer No: 000209
Bill of Lading No: 0000073053
MTR #: 0000072882

CHENR C1831

Ship to:
Intra Metals-CT
8 Pant Highway
Wallington, CT 06492

Buyer:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46869
Attn: Chds Henry 260/466-8163 cell

Item	Bundle	Section	Length	Pres	Heat #	Grade(s)	Specification(s)	Customer P.O.
1	000015837	W10X132	30' 8"	1	A008680	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
2	000015837	W10X17	35' 0"	6	A008680	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
3	000016019	W10X35	54' 0"	2	B011007	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
4	000016066	W10X15	50' 0"	8	B007960	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
5	000016063	W8X24	30' 0"	4	B006182	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
6	000016975	W30X132	36' 6"	1	A003681	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
7	000013060	W12X45	50' 0"	1	B006825	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
8	000013051	W12X45	50' 0"	1	B006820	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
9	000013928	W10X17	40' 0"	6	B004231	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
10	000016901	W10X17	60' 0"	8	B006827	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
11	000015802	W14X38	60' 0"	2	A003137	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
12	020006545	W16X31	50' 0"	8	A000371	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
13	020006251	W16X31	60' 0"	6	A000371	A992 / A992M A709 G50S/G34S A572 G50/G34S	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

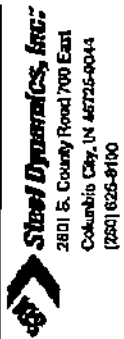
I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this metal manufacturer are in compliance with the requirements of the material specifications and applicable purchaser drawings.

[Signature]
Quality Assurance

State of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____ 2006.

Special Comments: Intra Metals

Buyer



Certified Mill Test Report
100% Made and Manufactured in USA

2801 S. County Road 700 East
Columbio City, IN 46725-0044
(225) 625-8100

Date: 2/15/2008
Customer No: 000209
Bill of Lading No: 0000073053
MTR #: 0000072692

Ship to:
Intra Metals-CT
8 Paul Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNTY STEEL
P.O. Box 10253
Fort Wayne, IN 46860
Attn: Chris Henry 260/408-6168 cell

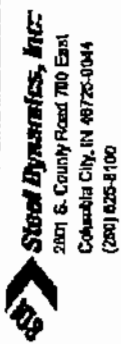
Item	Bundle	Section	Length	Pcs	Head #	Grade(s)	Specification(s)	Customer P.O.
14	020048652	W16X31	50' 0"	6	A000371	A992 / A992M A709 G50S45 A572 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
15	020451695	W24X162	30' 0"	1	6005231	A572 G50S45 A709 G50S45	ASTM A572/A572M - 04a ASTM A709/A709M - 05	verbal
16	020220626	W30X130	35' 0"	1	B008106	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
17	020288043	W36X210	33' 0"	1	B842254	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
18	020291621	W14X26	48' 0"	3	A010478	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
19	020293644	W12X16	56' 0"	8	A011037	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
20a	020284824	W8X48	35' 0"	1	A011067	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
20b	020294824	W8X48	35' 0"	2	A011075	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
21	020301730	W10X50	35' 0"	1	A011152	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
22	020310969	W16X46	48' 0"	5	A011671	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
23	020358239	W16X60	45' 0"	2	A013482	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
24	020365601	W6X20	60' 0"	4	A013633	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal
25	020358660	W6X20	60' 0"	12	A013531	A992 / A992M A709 G50S45	ASTM A992/A992M - 04a ASTM A709/A709M - 05	verbal

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this certified manufacturer are in compliance with the requirements of the applicable specifications and applicable purchaser drawings.

[Signature]
Quality Assurance

State of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____
Signed: _____
My commission expires: _____

Special Commitments/Innovation:



2001 S. County Road 700 East
Columbiana City, IN 48725-0044
(202) 625-8100

Certified Mill Test Report
(100% Mill and Manufactured in USA)

Date: 2/15/2006
Customer No: 000209
Bill of Lading No: 0000079053
MTR #: 0000072682

Ship to:
Intra Metals-CT
6 Pent Highway
Wallingford, CT 06402

Bill to:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46859
Attn: Chris Henry 260/486-8166 cell

Item	Bundle	Section	Length	Pcs	Heat #	Grade	Spec Headline(s)	Customer P.O.
26	020370781	W33X130	30' 0"	1	A013806	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
27	020380148	W6X20	59' 0"	1	A514272	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
28	020380150	W6X20	60' 0"	1	A014272	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
29	020490142	W10X22	60' 0"	4	B018639	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
30	020528142	W8X15	60' 0"	8	B018686	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
31	020531432	W14X38	60' 0"	2	B019850	A992 / A992M A709 0508/0645S A572 0508/0645	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

CHEMICAL

Item	C	Mn	P	S	SI	CU	V	Cr	NI	Mo	Sn	N	B	Ca	C1	C2	PC	Analysis
1	.07	1.30	.022	.028	.17	.42	.041	.060	.11	.03	.015	.008	.0003	.00	.36	0.3852	0.1782	HEAT
2	.05	.82	.018	.036	.21	.36	.022	.110	.72	.03	.015	.008	.0004	.00	.25	0.2801	0.1250	HEAT
3	.07	1.00	.010	.028	.26	.31	.012	.060	.08	.02	.014	.009	.0004	.01	.27	0.3200	0.1500	HEAT
4	.06	.85	.012	.020	.21	.39	.015	.090	.10	.03	.018	.009	.0002	.00	.23	0.2900	0.1300	HEAT
5	.07	1.06	.023	.048	.22	.52	.032	.120	.13	.04	.036	.008	.0004	.00	.33	0.3635	0.1710	HEAT
6	.06	1.34	.020	.050	.19	.42	.045	.080	.11	.03	.018	.009	.0003	.00	.37	0.3904	0.1855	HEAT
7	.06	1.14	.011	.017	.25	.22	.032	.060	.06	.04	.011	.011	.0003	.00	.30	0.3386	0.1400	HEAT
8	.06	1.25	.013	.025	.20	.32	.031	.065	.08	.04	.020	.012	.0002	.00	.32	0.3523	0.1531	HEAT
9	.06	.89	.013	.034	.22	.47	.024	.110	.12	.05	.013	.011	.0003	.00	.29	0.3228	0.1528	HEAT
10	.06	.77	.022	.034	.21	.38	.024	.150	.12	.04	.013	.008	.0003	.00	.27	0.3090	0.1400	HEAT
11	.10	1.02	.018	.031	.27	.36	.031	.110	.13	.03	.013	.005	.0004	.00	.33	0.3778	0.1887	HEAT
12	.05	1.00	.023	.027	.23	.32	.020	.170	.10	.02	.016	.007	.0003	.00	.29	0.3290	0.1424	HEAT
13	.06	1.00	.023	.027	.23	.32	.020	.170	.10	.02	.016	.007	.0003	.00	.29	0.3290	0.1424	HEAT
14	.06	1.00	.023	.027	.23	.32	.020	.170	.10	.02	.016	.007	.0003	.00	.29	0.3290	0.1424	HEAT

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the specific methods of the national specifications and applicable purchaser requirements.

Special Comments/Remarks:
Steel of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____
Signed: _____
My commission expires: _____

Signature: _____
Quality Assurance

Steel Dynamics, Inc.
 2001 S. County Road 700 East
 Columbia City, IN 46725-9044
 (317) 625-6100

Certified Mill Test Report
 100% Milled and Manufactured in USA

Order: 2162006
 Customer No: 000209
 Bill of Lading No: 0000073053
 MTR #: 4000072992

Ship to:
 Infra Metals-CT
 8 Post Highway
 Wallingford, CT 06492

BMI to:
 C. HENRY DISCOUNT STEEL
 P.O. Box 10253
 Fort Wayne, IN 46850
 Attn: Chris Henry 260466-6168 cell

MECHANICAL

Tension Test Results

Charpy Impact Testing Results

Item	Test	Yield (Fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	RQA (%)	Bond Tensile Result	Test	Temp F/C	Sample 1 ft. lb./joules	Sample 2 ft. lb./joules	Sample 3 ft. lb./joules	% Shear	ASTM Grain Size No (per ASTM E112)
6	1	57394	75514	.76	22			1						
6	2	60416	79320	.80	22			2						
7	1	53368	68467	.78	30			1						
7	2	57362	67462	.76	29			2						
8	1	61963	67463	.76	29			1						
8	2	61349	66468	.77	27			2						
9	1	56368	68476	.81	28			1						
9	2	60415	74589	.81	29			2						
10	1	58384	72493	.78	28			1						
10	2	55378	71486	.77	28			2						
11	1	55308	71489	.77	28			1						
11	2	67985	74508	.77	25			2						
12	1	56335	76431	.78	27			1						
12	2	61407	68517	.77	30			2						
13	1	56335	75431	.79	27			1						
13	2	51407	68517	.77	30			2						
14	1	69335	79431	.78	27			1						
14	2	67407	68517	.77	30			2						
15	1	68402	72494	.81	29			1						
15	2	53388	71491	.75	27			2						
16	1	57393	72488	.78	28			1						
16	2	56384	71489	.78	30			2						
17	1	54374	72484	.75	27			1						
17	2	54374	71491	.76	27			2						
18	1	54370	68458	.83	28			1						
18	2	55376	66460	.85	28			2						
19	1	54378	67480	.81	25			1						
19	2	56388	71480	.79	20			2						
20a	1	61416	76521	.80	22			1						

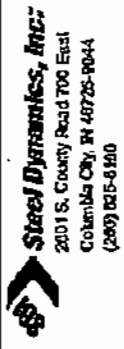
I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser drawings.

State of Indiana, County of Warrick
 Exam to and subscribed before me this
 _____ day of _____
 My commission expires: _____
 Signature: _____
 Notary Public

Special Comments/Information:

BMI to:

[Signature]
 Quality Assurance



2001 S. County Road 700 East
Columbus, IN 46725-9044
(203) 835-9100

Certified Mill Test Report
100% Rolled and Manufactured in USA

Date: 2/15/2000
Customer No: 0000209
Bill of Lading No: 0000073053
MTR #: 0000072082

Ship to:
Infra Metals-CT
B Pent Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46659
Attn: Chris Henry 280/468-8166 cell

Item	Yield (Fy)	Tensile Strength (Fu)	Yield (Fy)	Tensile Strength (Fu)	Elong (%)	ROA (%)	Emid Test Result	Test	Temp F/C	Sample 1 Ft. lb/coules	Sample 2 Ft. lb/coules	Sample 3 Ft. lb/coules	% Shear	ASTM Grain Size No (per ASTM E112)
16	.07	1.23	.017	.035	.25	.45	.02	.015	.008	.0004	.00	.34	0.2792	0.1763
16	.07	1.30	.021	.038	.19	.38	.03	.016	.004	.0004	.00	.35	0.3800	0.1700
17	.07	1.27	.022	.032	.19	.45	.06	.019	.009	.0004	.00	.38	0.4088	0.1833
18	.07	.84	.016	.028	.22	.47	.03	.015	.005	.0003	.00	.25	0.3100	0.1562
18	.08	.81	.013	.025	.18	.36	.05	.019	.008	.0002	.00	.23	0.2800	0.1400
20a	.07	1.25	.018	.037	.21	.29	.02	.011	.009	.0003	.02	.32	0.3500	0.1800
20b	.07	.92	.016	.027	.19	.38	.01	.010	.008	.0002	.02	.28	0.3200	0.1800
21	.07	1.15	.018	.017	.20	.41	.03	.012	.009	.0003	.00	.32	0.3500	0.1800
22	.10	1.08	.022	.024	.20	.33	.03	.010	.010	.0004	.00	.32	0.3600	0.1800
23	.09	1.22	.021	.036	.26	.52	.03	.021	.009	.0003	.00	.37	0.4100	0.2000
24	.08	.78	.016	.034	.19	.58	.02	.018	.011	.0002	.00	.28	0.3100	0.1600
25	.05	.76	.011	.040	.21	.47	.02	.018	.008	.0003	.00	.24	0.2800	0.1300
26	.08	1.24	.013	.030	.20	.44	.03	.015	.012	.0004	.00	.38	0.3800	0.1800
27	.08	.71	.013	.039	.18	.46	.03	.015	.009	.0003	.00	.24	0.2700	0.1300
28	.06	.71	.013	.028	.18	.48	.04	.015	.008	.0003	.00	.24	0.2700	0.1300
29	.05	.76	.008	.027	.16	.30	.02	.012	.012	.0002	.00	.23	0.2600	0.1200
30	.08	.68	.014	.028	.18	.25	.03	.011	.010	.0002	.00	.22	0.2600	0.1200
31	.06	.97	.016	.037	.20	.32	.03	.014	.007	.0003	.02	.28	0.3200	0.1400

MECHANICAL		Tension Testing Results				Charpy Impact Testing Results								
Item	Test	Yield (Fy) ksi/MPa	Tensile Strength (Fu) ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	ROA (%)	Emid Test Result	Test	Temp F/C	Sample 1 Ft. lb/coules	Sample 2 Ft. lb/coules	Sample 3 Ft. lb/coules	% Shear	ASTM Grain Size No (per ASTM E112)
1	1	58/394	72/495	.78	23			1						
1	2	80/412	75/518	.80	22			2						
2	1	83/434	75/516	.84	31			1						
2	2	57/294	68/478	.83	24			2						
3	1	80/413	73/504	.82	29			1						
3	2	80/412	74/510	.81	30			2						
4	1	52/257	67/433	.78	30			1						
4	2	51/255	68/456	.77	31			2						
5	1	58/488	72/485	.82	26			1						
6	2	68/402	71/480	.82	27			2						

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchase agreements.

Special Circumstances: _____

State of Indiana, County of Wabash

Sworn to and subscribed before me this _____ day of _____

My commission expires: _____

Notary Public

Signature: _____



Steel Dynamics, Inc.
 2401 S. County Road 700 East
 Columbia City, IN 46725-6044
 (202) 626-4100

Certified Mill Test Report
 100% Milled and Manufactured in USA

Date: 2/15/2006
 Customer No: 000208
 BRN of Leading No: 0000073053
 MTR #: 0000072002

Ship to:
 Intra Metals-CT
 8 Front Highway
 Wallingford, CT 06492

Bill to:
 C. HENRY DISCOUNT STEEL
 P.O. Box 10253
 Fort Wayne, IN 46859
 Attn: Chris Henry 260488-6165 cell

MECHANICAL

Tension Testing Results

Charpy Impact Testing Results

Item	Test	Yield (Fy) ksi/MPa	Tensile (Fu) ksi/MPa	Elong (%) based on 8" gauge	ROA (%)	Hard Test Result	Test	Temp F/C	Sample 1 N. Impact	Sample 2 N. Impact	Sample 3 N. Impact	% Shear	ASTM Grain Size No (per ASTM E112)
20a	2	62427	77529	.81	23		2						
20b	1	50387	70481	.80	24		1						
20b	2	56397	68478	.81	28		2						
21	1	58401	72498	.81	24		1						
21	2	68410	73500	.81	27		2						
22	1	57384	75515	.76	26		1						
22	2	58389	75514	.77	26		2						
23	1	64430	80552	.80	26		1						
23	2	60411	75517	.80	24		2						
24	1	58401	75520	.77	28		1						
24	2	60378	71488	.77	28		2						
25	1	68386	74488	.79	28		1						
25	2	64373	69479	.78	28		2						
26	1	58406	78522	.78	31		1						
26	2	58381	73590	.75	28		2						
27	1	58386	72498	.81	29		1						
27	2	55377	71488	.77	31		2						
28	1	58386	72489	.81	28		1						
28	2	55377	71488	.77	31		2						
29	1	61424	77532	.79	20		1						
29	2	60412	75620	.80	19		2						
30	1	68402	70484	.83	28		1						
30	2	68389	70480	.83	28		2						
31	1	58377	67485	.82	28		1						
31	2	60415	75516	.80	28		2						

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser agreements.

Signed:
 Quality Assurance

State of Indiana, County of Whitley

Seems to and is subscribed before me this
 day of _____

Signature: _____
 Notary Public

My commission expires _____

Special Comments/Information:

Steel Dynamics, Inc.
 2601 S. County Road 700 East
 Columbia City, IN 46725
 (260) 625-8100

Certified Mill Test Report
 100% Melted and Manufactured in USA

Customer No: 000198
Bill of Lading No: 0000097771
MTR #: 0000097379

Date: 12/8/2006

Ship to:
 Infra Metals-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Johnson / David Duczinski

Bill to:
 INFRA METALS-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Haight

Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
15	020754071	W27X84	35' 0"	2	B028545	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20365
16	020754098	W27X84	35' 0"	2	B028544	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20365
17	020754104	W27X84	35' 0"	2	B028544	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20365
18	020754220	W27X84	40' 0"	2	B028539	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20365


CHEMICAL

Item	C	Mn	P	S	SI	Cu	V	Cr	NI	Mo	Sn	N	B	Cb	C1	C2	PC	Analysis
15	.08	1.13	.013	.025	.20	.33	.031	.09	.10	.021	.012	.0089	.0004	.002	.32	.36	.17	HEAT
16	.06	1.14	.015	.025	.19	.31	.031	.15	.12	.029	.012	.0104	.0004	.001	.32	.35	.15	HEAT
17	.06	1.14	.015	.025	.19	.31	.031	.15	.12	.029	.012	.0104	.0004	.001	.32	.35	.15	HEAT
18	.08	1.14	.016	.034	.19	.32	.033	.13	.10	.028	.012	.0087	.0004	.001	.33	.36	.17	HEAT

MECHANICAL

Item	Test	Tension Testing Results				Charpy Impact Testing Results				ASTM Grain Size No (per ASTM E112)
		Yield Strength ksi/MPa	Tensile Strength ksi/MPa	Elong (%) based on 8" gauge	Fy/Fu	Temp F/C	Sample 1 ft. lb/ftoules	Sample 2 ft. lb/ftoules	Sample 3 ft. lb/ftoules	
15	1	62/429	75/520	27	.83	1				
15	2	57/391	72/487	25	.79	2				
16	1	59/401	73/501	24	.79	1				
16	2	59/410	74/512	25	.80	2				
17	1	58/401	73/501	24	.79	1				
17	2	58/410	74/512	25	.80	2				
18	1	61/418	75/520	23	.81	1				
18	2	62/425	75/517	25	.83	2				

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.

Signed:  Quality Assurance

My commission expires: _____

State of Indiana, County of Whitley
 Sworn to and subscribed before me this _____ day of _____
 Signed: _____ Notary Public

Special Comments/Information:

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

SPECIFICATIONS

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

DATE: 12/08/06
INVOICE NO.: 99202
BILL OF LADING: 819908
CUSTOMER NO.: 9310
CUSTOMER P.O.: C 20376

SOLD TO

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	MPa		PSI	MPa													%	TEMP
1	W24 - 55.0 35' W610 x 82.0 10.668 M	3	286791	.71 .75	55000 57000	78000 76000	23 24					.08	1.12	.021	.032	.30	.33	.13	.16	.03 .01	.00 .18	.016	.34
2	W24 - 55.0 35' W610 x 82.0 10.668 M	3	287047	.74 .73	55000 55000	74000 75000	24 25					.08	1.12	.025	.034	.28	.33	.11	.13	.02 .01	.00 .18	.016	.33
3	W24 - 55.0 35' W610 x 82.0 10.668 M	3	287050	.72 .73	53000 55000	74000 75000	24 24					.08	1.13	.025	.033	.29	.32	.11	.13	.02 .01	.00 .18	.017	.33
4	W24 - 55.0 35' W610 x 82.0 10.668 M	3	287053	.78 .74	56000 53000	72000 72000	24 25					.07	1.13	.023	.040	.32	.29	.10	.13	.02 .01	.00 .16	.017	.32

FORM 10-0005 CARBON EQUIVALENT: CE = C + Si/3 + (Mn+V)/5 + (Ni+Cu)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

QUALITY ASSURANCE

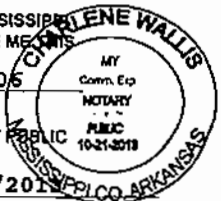
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

8 Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



Bill To: Ship To: Order Date: 06/19/2006
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241
 CHAPARRAL
 Manifest No: 1791415
 Load No: 1075368
 Mill Order No: 3164455
 PO No: C19824
 Order No: 06/19/2006

CERTIFIED MATERIAL TEST REPORT
 PRODUCT: WF BEAMS
 LENGTH: 50 FT / 15.24 M
 GRADE: 992/572-50
 SIZE: W 21 X 44# / W530 X 66
 SPECIFICATIONS: ASTM A5-05a, A992-05a, A572-06
 HEAT NO: 30329210

CHEMICAL ANALYSIS														
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
	.08	1.03	.013	.032	.23	.33	.10	.11	.025	.014	.001	.000	.018	.31

PHYSICAL PROPERTIES								
Yield Strength	Tensile Strength	Specimen Area		Elongation				
		KSI	MPa	Sq In	Sq cm	%	Gage Length	
55.3	381.3	70.7	487.5	0.698	4.50	24.5	8 In	200 mm
56.4	388.9	68.8	474.4	0.768	4.95	20.4	8 In	200 mm

Bend Test	Dia. Result	ROA

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A.
 CMTR complies with DIN EN 10204 3.1.1.B
 "I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 04, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a AS72/AS72M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O:
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S O L D T O:
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

DATE	11/03/06
INVOICE NO.	88556
BILL OF LADING	813463
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		TEMP °F	IMPACT ENERGY FT-LBS												
										°C	JOULES												
1	W16 - 26.0 40' W410 x 38.8 12.192 M	26	284783	.82 .81	60000 58000	73000 72000	26 24			.05	.91	.016	.040	.28	.29	.13	.17	.03 .01	.00 .13	.014	.27		
2	W16 - 26.0 40' W410 x 38.8 12.192 M	72	284786	.78 .79	61000 61000	78000 77000	22 23			.07	.91	.020	.030	.25	.30	.12	.18	.03 .01	.00 .16	.018	.29		
3	W16 - 31.0 55' W410 x 46.1 16.764 M	13	284319	.81 .82	58000 59000	72000 72000	25 25			.08	.93	.022	.031	.23	.31	.11	.10	.03 .01	.00 .17	.017	.30		
4	W16 - 31.0 55' W410 x 46.1 16.764 M	1	284321	.81 .82	61000 59000	75000 72000	23 24			.07	1.00	.023	.035	.27	.35	.10	.10	.02 .01	.00 .16	.017	.29		

Form 10-11-04 (Rev. 10-11-04) **CARBON EQUIVALENT: CE = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15** Calculation Index: C-08.8 [SI-C]-1.28 [SI-Mn]-1.25 [SI-Cr]-1.48 [SI-Mo]-17.24 [SI-V]-2.28 [SI-Cu]/0.5 [SI-Ni]/0.5 [SI-Ni]/0.5

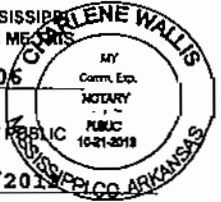
ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
3 Day of 11/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2012



DATE	11/15/06
INVOICE NO.	91948
BILL OF LADING	815659
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES																								
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE											
					PSI	MPa	PSI	MPa		%	TEMP °F													IMPACT ENERGY FT-LBS	Sn	Pcm	Cl							
1	W14 - 22.0	9	284965	.81	61000	75000	26			.06	.90	.018	.029	.28	.29	.10	.11	.02	.00	.017	.27													
	45'			.83	62000	75000	25																											
	W360 x 32.9																																	
2	W14 - 22.0	18	284967	.83	63000	76000	23			.06	.93	.019	.032	.30	.29	.10	.11	.02	.00	.017	.28													
	45'			.82	62000	76000	24																											
	W360 x 32.9																																	
3	W14 - 22.0	17	284969	.84	64000	76000	25			.05	.90	.017	.033	.29	.32	.11	.12	.02	.00	.018	.26													
	45'			.81	61000	75000	24																											
	W360 x 32.9																																	
4	W14 - 22.0	24	284971	.83	59000	71000	24			.06	.91	.015	.028	.29	.31	.11	.10	.03	.00	.016	.27													
	45'			.84	59000	70000	24																											
	W360 x 32.9																																	
5	W14 - 22.0	29	285087	.83	62000	75000	23			.05	.90	.013	.031	.26	.29	.13	.08	.03	.00	.017	.25													
	45'			.83	62000	75000	23																											
	W360 x 32.9																																	
6	W14 - 22.0	44	285088	.83	63000	76000	24			.08	.92	.016	.034	.26	.28	.13	.14	.03	.00	.019	.29													
	45'			.83	64000	77000	24																											
	W360 x 32.9																																	
7	W14 - 22.0	3	285089	.77	59000	77000	24			.07	.95	.015	.034	.29	.32	.12	.15	.04	.00	.017	.30													
	45'			.78	59000	76000	25																											
	W360 x 32.9																																	
8	W14 - 22.0	19	285409	.82	60000	73000	24			.08	.90	.016	.033	.27	.26	.11	.13	.03	.00	.015	.28													
	45'			.83	60000	72000	24																											
	W360 x 32.9																																	
9	W14 - 22.0	12	285446	.82	63000	77000	23			.06	.94	.011	.034	.30	.32	.14	.16	.04	.00	.017	.29													
	45'			.82	65000	79000	23																											
	W360 x 32.9																																	

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/13) + (Nb/5) + (V/10) + (Ti/5) + (B/5)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

16 Day of 11/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

DATE	5/18/06
INVOICE NO.	44865
BILL OF LADING	785698
CUSTOMER NO.	9310
CUSTOMER P.O.	P C18907 FF

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHARPY IMPACT		CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	TEMP °F °C	IMPACT ENERGY FT-LBS JOULES	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
1	W12 -106.0 65' W310 x158.0 19.812 M	3	273744	.73 .74	54000 54000	74000 73000	26 27			.07	1.31	.018	.022	.26	.28	.10	.14	.03 .01	.00 .17	.018	.35
2	W12 -120.0 65' W310 x173.0 19.812 M	3	273831	.75 .76	54000 56000	72000 74000	25 24			.08	1.32	.024	.022	.24	.31	.11	.14	.03 .01	.00 .19	.020	.36

FORMULA: C_W = (C + Mn/6 + Ni/12 + Cu/12 + Nb/10 + V/10 + Ti/6) + (Cr + Mo + W)/5 + (B + Nb + Ti)/10

CARBON EQUIVALENT: CE = C/(TW) = C + Mn/6 + (Cr+Mo+W)/5 + (Ni+Cu)/12

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gay Lennell

QUALITY ASSURANCE

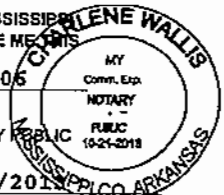
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

18 Day of 05/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

Steel Dynamics, Inc.
 2801 S. County Road 700 East
 Columbia City, IN 46725-9044
 (260) 625-8100

Certified Mill Test Report
 100% Milled and Manufactured in USA

Date: 10/13/2006
 Customer No: 000198
 Bill of Lading No: 0000093214
 MTR #: 0000092831

Ship to:
 Infra Metals-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Johnson / David Dudzinski

Bill to:
 INFRA METALS-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Haight

Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
16	020703033	W12X79	60' 0"	2	A026540	A992 / A992M A709 g50S/g345S A572 gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20410
17	020703171	W12X72	60' 0"	2	A026535	A992 / A992M A709 g50S/g345S A572 gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20410
18	020703175	W12X72	60' 0"	2	A026535	A992 / A992M A709 g50S/g345S A572 gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20410
19	020704178	W12X96	30' 0"	2	A026562	A992 / A992M A709 g50S/g345S A572 gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20410


CHEMICAL

Item	C	Mn	P	S	Si	Cu	V	Cr	Ni	Mo	Sb	N	B	Cb	C1	C2	PC	Analysis
16	.06	1.19	.014	.040	.18	.40	.041	.09	.10	.023	.014	.0103	.0004	.002	.32	.35	.16	HEAT
17	.07	1.25	.015	.037	.19	.32	.032	.08	.08	.017	.013	.0094	.0004	.003	.33	.36	.16	HEAT
18	.07	1.25	.015	.037	.19	.32	.032	.08	.09	.017	.013	.0094	.0004	.003	.33	.36	.16	HEAT
19	.07	1.28	.017	.011	.23	.36	.041	.12	.11	.023	.013	.0125	.0003	.002	.35	.39	.17	HEAT

MECHANICAL

Item	Test	Yield (Fy) ksi/MPa	Tensile Strength ksi/MPa	Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Temp F/C	Charpy Impact Testing Results					ASTM Grain Size No (per ASTM E112)						
								Fy/Fu	Fu/Fu	Sample 1 ft. lb/joules	Sample 2 ft. lb/joules	Sample 3 ft. lb/joules		% Shear					
16	1	58/398	72/497	26		1													
16	2	57/395	72/499	27		2													
17	1	54/372	70/482	29		1													
17	2	55/383	72/497	28		2													
18	1	54/372	70/482	29		1													
18	2	55/383	72/497	28		2													
19	1	80/415	76/524	21		1													
19	2	59/410	76/524	21		2													

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.

Signed:  Quality Assurance

State of Indiana, County of Witley
 Sworn to and subscribed before me this ____ day of ____
 Signed: _____ Notary Public

My commission expires: _____

Special Comments/Information:

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/12/2006
PO No: C19796
Mill Order No: 3160069
Lead No: 1059374
Manifest No: 1776187

Ship To: 1
INFRA-METALS CORPORATION-CT R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
40 FT / 12.192 M

GRADE
992/572-50

SIZE
W 12 X 72# / W310 X 107

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30319630

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.15	.016	.036	.20	.38	.11	.09	.016	.015	.004	.003	.019	.33

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Specimen Area Sq In	Elongation %	Band Test Dia. Result	ROA %
54.0	71.6	1.009	25.8	8In 200 mm	
54.0	71.9	1.021	26.3	8In 200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Quality Assurance Manager

Date: Sep. 20, 2006 Signed:

Notary Public (if applicable)

Date:

Page: 22 of 28

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72318

DATE	10/23/06
INVOICE NO.	85222
BILL OF LADING	811217
CUSTOMER NO.	7717
CUSTOMER P.O.	C20701

SHIP TO:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLE SOURCE:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI		%	TEMP °F												
					MPa	MPa	%	°C	Joules												
1	W12 - 65.0 40'	3	281653	.78	58000	74000	26		.07	1.22	.014	.025	.23	.32	.10	.10	.03	.00	.015	.33	
	W310 x 97.0 12.192 M			.78	58000	74000	25										.01	.17			
					400	510	26														
2	W12 - 65.0 40'	3	281655	.79	60000	76000	24		.08	1.23	.015	.021	.23	.35	.10	.09	.03	.01	.017	.35	
	W310 x 97.0 12.192 M			.79	59000	75000	25										.02	.17			
					414	524	24														
					407	517	25														
3	W12 - 65.0 40'	5	281655	.78	57000	73000	26		.07	1.20	.014	.025	.22	.36	.09	.08	.03	.00	.015	.32	
	W310 x 97.0 12.192 M			.79	58000	73000	26										.01	.16			
					393	503	26														
					400	503	26														
4	W12 - 65.0 40'	1	281667	.76	57000	75000	26		.07	1.21	.016	.025	.20	.38	.11	.08	.04	.00	.016	.32	
	W310 x 97.0 12.192 M			.78	58000	74000	26										.02	.16			
					393	517	26														
					400	510	26														
5	W12 - 65.0 40'	1	281678	.79	59000	75000	26		.08	1.21	.017	.025	.20	.33	.09	.09	.02	.00	.017	.33	
	W310 x 97.0 12.192 M			.79	59000	75000	26										.01	.17			
					407	517	26														
					407	517	26														
6	W12 - 65.0 40'	2	281729	.77	57000	74000	25		.07	1.22	.018	.025	.19	.37	.10	.12	.03	.00	.015	.33	
	W310 x 97.0 12.192 M			.78	58000	74000	25										.01	.17			
					393	510	25														
					400	510	25														
7	W12 - 65.0 50'	12	281746	.78	56000	72000	25		.07	1.21	.017	.022	.23	.34	.09	.07	.03	.00	.016	.32	
	W310 x 97.0 15.240 M			.79	57000	72000	27										.01	.16			
					386	496	25														
					393	496	27														
8	W12 - 65.0 50'	12	281749	.81	58000	72000	25		.07	1.20	.014	.018	.22	.33	.08	.08	.02	.00	.016	.32	
	W310 x 97.0 15.240 M			.80	59000	74000	25										.02	.16			
					400	496	25														
					407	510	25														
9	W12 - 65.0 55'	3	281613	.78	58000	74000	25		.08	1.21	.017	.022	.21	.29	.11	.13	.04	.00	.014	.34	
	W310 x 97.0 16.764 M			.78	58000	74000	25										.01	.17			
					400	510	25														
					400	510	25														

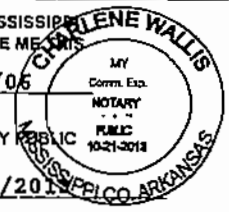
ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell

 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 23 Day of 10/06
Charlene Wallis

 NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2013



NUCOR STEEL - BERRLEK
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (803) 336-6000

KILL TEST REPORT

11/03/06 19:33:08
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CT
 9 DEPT RICHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 8 DEPT RICHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 B.O.C. No.: 576287

SPECIFICATIONS: Tested in accordance with ASTM specification A6/ASTM and A370.
 REQUEST: M270-36-00/M270-50-00
 RSM: SA-36
 RSIM: A992-06//A36 05/05/72-06-50/A709-06A36/A709-06A36/A709-06A36
 CSA: CSA-44W/C40.21-50W

HUGER

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Pd	Mo II	P Ca	S B	SI V	Cu Zr	NI CI	CE1 CE2 PCN
C12K25 050' 00.00'	2617786 A992-06	.82	57200	69900	25.15	.0750	.8290	.0057	.0214	.1990	.1100	.0430	.2175
C310K37 015.2400a	8392-06	.80	56400	70500	23.64	.0390	.0280	.0049	.0007	.0039	.0284	3.0290	.2764
			399	486		.083	.0019	.0017	.0003	.0063	.0000	InvH:	.1349
						16 piece(s)							0

NUCOR STEEL

C12K25 050' 00.00'	2617786 A992-06	.82	57200	70100	25.65	.0670	.8130	.0059	.0212	.1970	.0930	.0390	.2249
C310K37 015.2400a	8392-06	.80	56500	70400	26.75	.0360	.0270	.0040	.0003	.0035	.0253	2.5916	.2628
			390	485		.0069	.0019	.0029	.0005	.0062	.0000	InvH:	.1295
						8 piece(s)							0

C12K30 050' 00.00'	2514866 A992-06	.79	55500	71700	29.15	.0660	1.0360	.0130	.0224	.2940	.1030	.0510	.2613
C310K45 015.2400a	8392-06	.78	56600	72800	25.35	.0370	.0200	.0007	.0007	.0048	.0294	3.1854	.3160
			390	502		.0004	.0019	.0000	.0018	.0058	.0020	InvH:	.1661
						16 piece(s)							0

W12x22 030' 00.00'	2617898 A992-06	.83	58800	70800	26.05	.0720	.8450	.0084	.0289	.2450	.1060	.0470	.2357
W310X32.7 009.1440a	8392-06	.82	56300	70900	26.16	.0360	.0240	.0063	.0006	.0035	.0295	3.0748	.2821
			402	489		.0042	.0014	.0008	.0013	.0059	.0000	InvH:	.1386
						16 piece(s)							0

W12x22 030' 00.00'	1611995 A992-06	.82	55600	67800	26.88	.0660	.8580	.0097	.0293	.2480	.0760	.0290	.2331
W310X32.7 009.1440a	8392-06	.81	54100	67700	27.91	.0300	.0190	.0045	.0000	.0053	.0298	2.4190	.2791
			380	467		.0013	.0012	.0016	.0018	.0067	.0000	InvH:	.1352
						4 piece(s)							0

Elongation based on R (20.32cm) gauge length. No Weld Repair was performed.
 CE1 = C+(Mo/6)+((Ct(Mo+V)/3))+((Ni+Cu)/15)
 CE2 = C1((Mo+Si)/6)+((Ct+Mo+V+Cu)/5)+((Ni+Cu)/15)
 PCN = C+(Si/30)+((Mn/20))+((Cu/20))+((Ni/50))+((Ct/20))+((Mn/3))+((V/10))+58

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

HUGER B. Work
 Metallurgist
 (State of South Carolina)
 Sworn and subscribed before me
 day of _____

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast
 and rolled to a fully killed and fine grain practice.

ASTM A592/A592M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

DATE	10/12/06
INVOICE NO.	82705
BILL OF LADING	809841
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

INFRRA-METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 12 Day of October 10/06
 My Commission Expires 10/21/2012
 Notary Public
 My Comm. Exp. 10/21/2012
 State of Arkansas

ITEM #	DESCRIPTION	QTY	HEAT #	YIELD	TENSILE	ELONG	TEMP	CHEMICAL PROPERTIES											
								C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
1	W12 - 19.0	3	260453	.83	59000	71000	22	.06	1.04	.021	.030	.19	.34	.12	.13	.04	.00	.015	.29
2	W12 - 19.0	2	260517	.81	64000	79000	23	.08	1.02	.020	.026	.25	.29	.13	.15	.04	.01	.016	.32
3	W12 - 19.0	6	273980	.77	54000	70000	26	.09	.75	.018	.024	.21	.36	.14	.13	.04	.00	.008	.28
4	W12 - 19.0	17	283453	.78	57000	73000	25	.07	.71	.019	.036	.24	.33	.13	.15	.03	.00	.009	.26
5	W12 - 22.0	2	256350	.77	55000	71000	24	.08	.76	.016	.033	.24	.32	.14	.14	.04	.00	.009	.28
6	W12 - 22.0	1	263888	.78	52000	67000	25	.08	.71	.012	.029	.27	.33	.12	.10	.04	.00	.010	.26
7	W12 - 22.0	1	263893	.77	53000	69000	26	.07	.71	.018	.029	.23	.32	.12	.12	.03	.01	.010	.25
8	W12 - 22.0	2	274009	.79	52000	66000	25	.07	.70	.012	.031	.26	.30	.13	.12	.05	.00	.008	.25
9	W12 - 22.0	9	283331	.79	54000	68000	26	.07	.72	.016	.027	.26	.29	.13	.11	.03	.00	.010	.25

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are
 accurate and correct. All test results and operations
 performed by this material manufacturer are in
 compliance with the requirements of the material
 specifications, and when designated by the
 purchaser, meet the applicable specifications.

Signature
 QUALITY ASSURANCE

CUSTOMER COPY



CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLTHEVILLE, AR 72316

DATE	10/13/06
INVOICE NO.	82950
BILL OF LADING	810015
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 93
 WALLINGFORD, CT 06492

INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	DESCRIPTION	QTY	HEAT #	YIELD STRENGTH MPa	YIELD STRENGTH PSI	TENSILE MPa	TENSILE PSI	ELONG %	CHARPY IMPACT TEMP	CHEMICAL PROPERTIES											
										C	Mn	P	S	SI	CU	NI	CR	Mo	V	CE	
1	W12 - 19.0	1	263844	79	59000	75000	510	23		.09	.70	.021	.032	.26	.33	.12	.11	.03	.00	.009	.27
2	W12 - 19.0	8	274027	79	56000	71000	510	24		.07	.71	.013	.040	.25	.36	.13	.09	.04	.00	.008	.25
3	W12 - 19.0	15	274025	77	57000	74000	510	26		.09	.77	.018	.030	.24	.31	.13	.15	.04	.00	.010	.29
4	W12 - 19.0	1	283354	75	55000	73000	510	26		.07	.72	.021	.030	.24	.37	.14	.10	.03	.00	.010	.25
5	W12 - 19.0	6	283487	79	60000	76000	503	26		.09	.74	.020	.036	.22	.32	.11	.15	.03	.01	.008	.28
6	W12 - 19.0	1	283539	79	58000	73000	503	24		.08	.70	.023	.034	.24	.31	.12	.18	.03	.00	.010	.27
7	W12 - 19.0	4	283588	81	61000	75000	510	23		.07	.71	.018	.032	.26	.31	.10	.12	.02	.00	.010	.25
8	W12 - 19.0	7	283599	79	58000	73000	503	25		.07	.71	.017	.034	.26	.32	.10	.10	.02	.00	.010	.24
9	W12 - 19.0	5	283601	78	54000	69000	510	26		.07	.73	.022	.039	.25	.29	.10	.12	.02	.00	.009	.25

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE
Longmire

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS 13 DAY OF 10/10/06
 My Commission Expires 10/21/2012
 NOTARY PUBLIC
 Gladys Wallis
 10/21/2012
 MY COMMISSION EXPIRES 10/21/2012
 CUSTOMER COPY

A01

Arcelor Comercial Perfiles España, S.L.
Long Carbon Steel Europe

Sections

CARRETERA TOLEDO, KM. 9

28021 MADRID

TELEF. (91) 797.23.00 - FAX (91) 505.02.57

*Arcel
C19769*



QUALITY CERTIFICATE

APS P-7717

DISCHARGE ADDRESS		CUSTOMER	
ARCELOR INTERNATIONAL AMERICA, INC. 350 HUDSON STREET 4TH FLOOR NEW YORK, NY 10014 EE.UU.		ARCELOR INTERNATIONAL AMERICA, INC. 350 HUDSON STREET 4TH FLOOR NEW YORK, NY 10014 EE.UU.	
SHIPPED AND CERTIFIED BY		CREDIT NUMBER	PORT OF LOADING
ARCELOR MADRID, S.L. CARRETERA TOLEDO, N-401 - KM. 9,200 28021 VILLAVERDE (Madrid) TELEF. (91) 797.23.00 - TELEX 22120 - 49632			BILBAO, SPAIN
		PORT OF DISCHARGE	VESSEL
		NEW HAVEN, CT	SCANDIA SPIRIT
OUR REFERENCE	CONTRACT NUMBER	ORDER NUMBER	DATE
mgonzalez	E-17599 Lot: 2		30/06/2006

MATERIAL: Wide Flange Beams and Standard Structural I-Beams in accordance with CSA G40.21 50 W / ASTM A572 Grade 50 and ASTM A992 tolerances to A6, in lengths as stated, with a length tolerance of +4"/-0, to be invoiced on theoretical weight, with mill test certificates showing Customer, Order numbers, material's heat number as well as physical and chemical properties.

MARKINGS: Size in Inches/Weight/Length / Grade(s) & Heat no. / MADE IN SPAIN / Destination / Order no.

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
10047544 - P.O. C19769 + / GREEN / WHITE							
W-10x10x49	30'	4	8	32	5334	21.336	67723,67725
W-10x10x49	35'	3	6	18	4667	14.001	67737,67738
W-10x10x49	40'	5	6	30	5334	26.670	67656,67718,67719,67722,67723,67740,67742
W-10x10x49	45'	2	4	8	4001	8.002	67734
W-10x10x49	50'	6	4	24	4445	26.670	67749,67750
W-10x10x49	55'	2	4	8	4890	9.780	67743
W-10x10x49	60'	2	4	8	5334	10.668	67739,67740
W-10x10x54	30'	1	8	8	5878	5.878	67752,67753
W-10x10x54	40'	1	6	6	5878	5.878	67753
W-10x10x54	50'	2	4	8	4899	9.798	67753,67755
W-10x10x54	55'	2	4	8	5389	10.778	67657,67756
W-10x10x54	60'	2	4	8	5878	11.756	67754,67755
W-10x10x60	30'	1	6	6	4899	4.899	67767
W-10x10x60	40'	1	4	4	4354	4.354	67767
W-10x10x60	55'	2	4	8	5987	11.974	67768
W-10x10x68	30'	1	6	6	5552	5.552	67764
W-10x10x68	35'	1	4	4	4318	4.318	67766
W-10x10x68	40'	2	4	8	4935	9.870	67658,67765

AD1

Arcelor Comercial Perfiles España, S.L.
Long Carbon Steel Europe

Sections

CARRETERA TOLEDO, KM. 9

28021 MADRID

TELEF. (91) 797.23.00 - FAX (91) 505.02.57



arcelor

QUALITY CERTIFICATE

APS P-7717

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
W-10x10x68	60"	1	3	3	5552	5.552	67766
W-10x10x77	35"	1	4	4	4890	4.890	67763
W-10x10x77	55"	1	3	3	5763	5.763	67760
W-10x10x77	60"	1	2	2	4191	4.191	67761
W-16x10.25x67	30"	3	6	18	5470	16.410	67701,67702,67735,67738,67739
W-16x10.25x67	35"	4	4	16	4255	17.020	67700,67702,67704,67706
W-16x10.25x67	40"	4	4	16	4863	19.452	67699,67700
W-16x10.25x67	45"	3	4	12	5470	16.410	67700
W-16x10.25x67	50"	4	3	12	4559	18.236	67701,67702,67703
W-16x10.25x67	55"	2	3	6	5015	10.030	67706
W-16x10.25x67	60"	3	3	9	5470	16.410	67703,67704
W-16x10.25x77	30"	2	4	8	4191	8.382	67706
W-16x10.25x77	35"	2	4	8	4890	9.780	67707
W-16x10.25x77	40"	2	4	8	5588	11.176	67706,67758
W-16x10.25x77	45"	1	3	3	4715	4.715	67707
W-16x10.25x77	50"	2	3	6	5239	10.478	67707
W-16x10.25x77	55"	1	3	3	5763	5.763	67758
W-16x10.25x89	30"	1	4	4	4844	4.844	67711
W-16x10.25x89	35"	1	4	4	5652	5.652	67711
W-16x10.25x89	40"	2	3	6	4844	9.688	67711
W-16x10.25x89	45"	1	3	3	5450	5.450	67711
W-16x10.25x89	50"	2	2	4	4037	8.074	67760
W-16x10.25x89	55"	1	2	2	4441	4.441	67713
W-16x10.25x100	35"	1	3	3	4763	4.763	67708
W-16x10.25x100	45"	1	2	2	4082	4.082	67709
W-16x10.25x100	50"	1	2	2	4536	4.536	67744
W-16x10.25x100	60"	1	2	2	5443	5.443	67710
W-21x8.25x62	30"	1	6	6	5062	5.062	67704
W-21x8.25x62	35"	2	5	10	4922	9.844	67694,67698,67699
W-21x8.25x62	40"	2	5	10	5625	11.250	67700
W-21x8.25x62	50"	2	4	8	5625	11.250	67626,67703
W-21x8.25x62	60"	1	3	3	5062	5.062	67702
W-21x8.25x68	30"	1	6	6	5552	5.552	67684
W-21x8.25x68	35"	1	5	5	5398	5.398	67684,67685,67689
W-21x8.25x68	45"	1	4	4	5552	5.552	67626,67684
W-21x8.25x68	55"	1	2	2	3393	3.393	67660



QUALITY CERTIFICATE

APS P-7717

SIZE	LENGTH	BUNDLES	PIECES BUNDLES	TOTAL PIECES	WEIGHT BUNDLES	TOTAL WEIGHT	HEAT
W-21x8.25x73	30'	1	5	5	4967	4.967	67680
W-21x8.25x73	35'	1	4	4	4636	4.636	67659
W-21x8.25x73	40'	1	4	4	5298	5.298	67680
W-21x8.25x73	55'	1	3	3	5464	5.464	67683
W-21x8.25x83	30'	1	5	5	5647	5.647	67676
W-21x8.25x83	40'	1	3	3	4518	4.518	67677
W-21x8.25x83	55'	1	2	2	4141	4.141	67679
W-21x8.25x83	60'	1	2	2	4518	4.518	67679

TOTAL BUNDLES 109 TOTAL WEIGHT 545.365 Kg.

A02 EN 10204/3.1.B CSA G40.21 50W/ASTM A36-04/A572 G50-04/A992-04/A6-04 (B01/B02/B03) A03

COLADA HEAT	COMPOSICION QUIMICA (%) CHEMICAL COMPOSITION (%)													CEV								
	C	Mn	SI	P	S	V	Cr	Ni	Mo	Cu	Nb	Sn										
67626	.092	1.101	.207	.017	.019	.003	.091	.115	.022	.504	.016	.026	.34									
67656	.085	1.186	.210	.017	.015	.003	.099	.110	.024	.438	.016	.025	.34									
67657	.087	1.163	.255	.019	.022	.026	.148	.112	.023	.447	.010	.037	.36									
67658	.088	1.176	.221	.016	.024	.004	.127	.108	.022	.426	.017	.030	.35									
67659	.094	1.133	.216	.017	.022	.003	.110	.110	.019	.513	.017	.026	.35									
67660	.085	1.119	.205	.020	.024	.004	.119	.120	.020	.521	.017	.030	.34									
67676	.088	.756	.214	.023	.015	.003	.167	.117	.014	.454	.017	.032	.29									
67677	.090	.808	.219	.022	.012	.003	.147	.113	.020	.519	.018	.035	.30									
67679	.083	.825	.213	.022	.016	.003	.115	.107	.021	.405	.017	.030	.28									
67680	.082	.873	.200	.016	.021	.003	.105	.100	.018	.401	.017	.028	.29									
67683	.084	.877	.214	.017	.025	.003	.075	.097	.018	.411	.017	.038	.28									
67684	.082	.890	.205	.017	.020	.003	.079	.087	.015	.397	.016	.032	.28									
67685	.088	.830	.238	.029	.016	.003	.130	.122	.018	.480	.018	.030	.30									
67689	.098	.808	.223	.027	.023	.003	.109	.123	.020	.468	.017	.036	.30									
67694	.087	.790	.205	.014	.026	.003	.105	.136	.017	.435	.016	.039	.28									
67698	.092	.855	.211	.017	.023	.003	.088	.121	.017	.488	.018	.023	.30									
67699	.081	.875	.217	.029	.026	.004	.102	.114	.016	.477	.018	.030	.29									
67700	.087	.870	.220	.019	.024	.003	.081	.112	.017	.432	.015	.027	.29									
67701	.079	.898	.222	.019	.026	.003	.076	.111	.020	.393	.017	.028	.28									
67702	.072	.890	.208	.018	.018	.003	.106	.097	.016	.426	.016	.029	.28									
67703	.078	.889	.219	.017	.027	.003	.084	.109	.017	.417	.017	.028	.28									
67704	.085	.884	.189	.017	.023	.003	.085	.106	.019	.394	.016	.024	.29									
67706	.084	.888	.221	.015	.018	.003	.074	.102	.016	.428	.017	.025	.29									
67707	.077	.876	.236	.014	.028	.003	.080	.101	.016	.402	.017	.031	.28									
67708	.090	.898	.203	.016	.028	.003	.082	.108	.018	.409	.017	.035	.29									
67709	.087	.840	.217	.017	.016	.003	.095	.110	.016	.523	.018	.028	.29									
67710	.089	.799	.166	.019	.025	.003	.103	.108	.016	.424	.015	.037	.28									
67711	.093	.845	.200	.016	.025	.003	.076	.106	.017	.444	.016	.039	.29									
67713	.094	.872	.224	.018	.021	.003	.095	.111	.019	.395	.017	.032	.30									
67718	.083	.857	.207	.020	.022	.004	.100	.100	.016	.410	.016	.032	.28									
67719	.087	.886	.236	.014	.016	.003	.090	.091	.015	.313	.017	.040	.28									
67722	.081	.895	.189	.026	.011	.004	.136	.100	.017	.475	.016	.028	.30									

PO# 17319-5

CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164511
Load No: 1071873
Manifest No: 1788415

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

Bill To:
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

CHAPARRAL

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
W 24 X 76# / W610 X 113

PRODUCT
WF BEAMS

SPECIFICATIONS
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
	.09	1.15	.015	.036	.22	.36	.11	.12	.020	.013	.001	.001	.022	.34

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa	Tensile Strength		Elongation	%	Gage Length	Bend Test	ROA
			KSI	MPa					
58.4	402.7	75.1	517.8	0.988	24.4	8 In	200 mm	Dia. Result	%
57.7	397.8	74.1	510.9	1.024	24.4	8 In	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 20, 2005 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE 7/21/06
 INVOICE NO. 61039
 BILL OF LADING 795696
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19982

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

SHIP TO
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT
 100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SPECIFICATIONS
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI	%	TEMP	IMPACT ENERGY														
1	W21 - 44.0 50' W530 x 66.0 15.240 M	3	278176	.75	55000	73000	27					.07	1.12	.034	.020	.32	.34	.11	.14	.03	.01	.017	.33
				.74	53000	72000	24													.01	.17		
2	W21 - 50.0 35' W530 x 74.0 10.668 M	3	278661	.76	55000	72000	24					.07	1.10	.016	.026	.30	.29	.10	.12	.03	.00	.022	.31
				.74	55000	74000	24													.01	.16		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

 QUALITY ASSURANCE

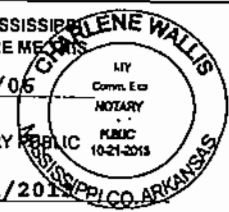
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

21 Day of 07/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164451
Load No: 1074369
Manifest No: 1789778

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

SIZE W 21 X 44# / W530 X 66
SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

HEAT NO: 30329610

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.01	.012	.034	.18	.32	.09	.08	.015	.015	.001	.000	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	8in	%
56.0	70.6	0.669	23.4	200 mm	
57.6	70.1	0.681	24.8	200 mm	
				8in	200 mm
				8in	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: CI9824
Mill Order No: 3164378
Load No: 1076498
Manifest No: 1792007

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

PRODUCT
WF BEAMS

LENGTH
60 FT / 18.288 M

GRADE
992/572-50

SIZE
W 18 X 35# / M460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331420

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.98	.012	.021	.25	.35	.09	.07	.015	.013	.001	.000	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
57.3	73.5	0.623	25.6	8In	200 mm
56.9	73.5	0.688	23.1	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 07, 2006 Signed: Notary Public (if applicable) Date: _____

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY
WALLINGFORD CT 06492

CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	Ce
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa
56.2	387.5	
56.0	386.1	

Tensile Strength	KSI	MPa
69.4	478.5	
70.5	486.1	

Specimen Area	Sq cm
0.385	2.48
0.377	2.43

Elongation	%	Gage Length
26.3		81n 200 mm
26.6		81n 200 mm

Bend Test
Dia. Result
ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____

Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76063-9651
(972) 775-8241

Order Date: 06/16/2006
PO No: C19824
Mill Order No: 3164027
Load No: 1063838
Manifest No: 1779891

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT US
06492

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
997/572-50

SIZE
W 14 X 90# / W360 X 134

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30321570

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.09	.010	.035	.18	.30	.10	.05	.017	.013	.002	.002	.019	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
54.3	71.0	1.059	26.8	8In	
54.5	71.5	1.064	25.6	8In	
	489.5	6.83		200 mm	
	493.0	6.86		200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 08, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE	9/25/06
INVOICE NO.	77820
BILL OF LADING	806628
CUSTOMER NO.	9310
CUSTOMER P.O.	C19782

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES																											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE																	
					PSI	MPa		PSI	MPa													TEMP °F	IMPACT ENERGY FT-LBS															
					MPa	MPa		°C	JOULES																													
1	W12 - 96.0 60' W310 x143.0 18.288 M	2	282092	.78	59000	76000	26											.08	1.30	.017	.016	.23	.34	.08	.09	.02	.00	.021	.35									
				.76	58000	76000	26																															
					407	524	26																															
					400	524	26																															
2	W12 - 96.0 60' W310 x143.0 18.288 M	1	282094	.76	57000	75000	26											.08	1.31	.015	.016	.25	.34	.10	.09	.03	.00	.022	.35									
				.75	57000	76000	25																															
					393	517	26																															
					393	524	25																															
3	W12 - 96.0 65' W310 x143.0 19.812 M	3	282059	.78	57000	73000	26											.08	1.31	.017	.017	.22	.30	.09	.07	.02	.00	.018	.35									
				.76	56000	74000	24																															
					393	503	26																															
					386	510	24																															
4	W12 -106.0 60' W310 x158.0 18.288 M	3	282024	.76	58000	76000	26											.08	1.35	.016	.017	.23	.33	.10	.10	.03	.00	.018	.37									
				.76	58000	76000	27																															
					400	524	26																															
					400	524	27																															
5	W12 -106.0 65' W310 x158.0 19.812 M	3	282050	.76	57000	75000	27											.08	1.30	.020	.021	.28	.32	.09	.10	.02	.00	.019	.35									
				.77	57000	74000	27																															
					393	517	27																															
					393	510	27																															

CARBON EQUIVALENT: CE = C(Mn) + C + Ni/5 + (Cr+Si)/10 + (Cu)/5

CARBON ELEM: C=0.28 P=0.02 S=0.017 Ni=0.08 Si=0.23 Cu=0.34 Ni=0.08 Cr=0.09 Mo=0.02 V=0.00 Cb=0.021 CE=0.35

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gay Lennell

QUALITY ASSURANCE

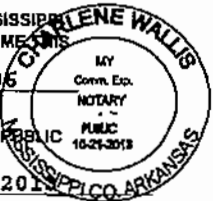
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

25 Day of 09/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/18/06 4:14:34
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CI
 8 PENI HIGHWAY

Ship To: INFRA METALS CORP - CI
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 302 - 1
 B.O.L. #: 579274

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

ARSHID : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSR-44W/C40.21-50W

HUGER

Description	Heat Grade(s) Test	Yield/ Ratio	Yield/ Tensile (PSI) (MPa)	Elong (%)	C		S		Si		Cu		Ni		CEI	
					Pb	Pb	B	B	V	N	Zr	Nb	CI	CI	PCm	
W12x14 050' 00.00'	1614943 A992-06	.81	54800 376	67800 467	29.16	.0710 .0200	.8430 .0230	.0108 .0035	.1780 .0026	.0830 .0112	.0290 2.4968	.2281 .2600				
W310x21.0 015.2400m		.81	56300 388	69100 476	28.46	.0548 31 Piece(s)	.0015 Customer PO: C19818	.0014 Customer PO: C19818	.0064 Inv#:	.0000						
W12x14 050' 00.00'	2614946 A992-06	.80	53300 358	66400 458	30.94	.0710 .0220	.8980 .0240	.0123 .0048	.1550 .0043	.0700 .0115	.0290 2.2215	.2373 .2655				
W310x21.0 015.2400m		.81	55200 381	68100 470	27.34	.0114 33 Piece(s)	.0014 Customer PO: C19818	.0017 Customer PO: C19818	.0073 Inv#:	.0000						
W12x14 050' 00.00'	1614933 A992-06	.81	54100 373	67200 463	29.61	.0690 .0260	.8590 .0260	.0064 .0065	.2320 .0021	.1490 .0118	.0430 3.7393	.2358 .2768				
W310x21.0 015.2400m		.81	55900 395	69100 476	28.09	.0020 36 Piece(s)	.0014 Customer PO: C19818	.0007 Customer PO: C19818	.0070 Inv#:	.0000						
W12x19 020' 00.00'	1617974 A992-06	.87	63700 439	73100 504	25.03	.0710 .0260	.9250 .0240	.0100 .0040	.2200 .0050	.0750 .0290	.0290 2.3888	.2431 .2856				
W310x28.3 006.0960m		.86	63200 436	73300 505	24.23	.0080 24 Piece(s)	.0020 Customer PO: C20731	.0007 Customer PO: C20731	.0062 Inv#:	.0000						
W12x19 020' 00.00'	1617980 A992-06	.87	62800 433	72200 498	24.54	.0670 .0310	.8650 .0230	.0211 .0032	.2020 .0041	.0690 .0255	.0280 2.4277	.2293 .2680				
W310x28.3 006.0960m		.85	60700 419	71800 495	27.34	.0045 8 Piece(s)	.0019 Customer PO: C20731	.0017 Customer PO: C20731	.0077 Inv#:	.0000						

CEI = C + (Mn/6) + ((Cr+Mo+V)/5) + ((Ni+Cu)/15)
 CE2 = C + ((Mn+Si)/6) + ((Cr+Mo+V+Cb)/5) + ((Ni+Cu)/15)
 PCm = C + (Si/30) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mo/15) + (V/10) + 5B

Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.88P+7.29CuxW+1-(9.18Ni+3P)-33.39(Cu+Cu)
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____

Bruce R. Work
 Metallurgist

14:15 11-18 To: 12036794280

MILL TEST REPORT
 11/12/06 1117:39
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

Ship To: INFRA METALS CORP - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492
 Customer H.: 502 - 1
 B.O.L. H...: 578021

Sold To: INFRA METALS CORP - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AR6M and A370.
 RASHID : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/AS72-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/G40.21-50W

Description	Heat#	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (%)	C		P		S		SI		Cu		Ni		CE1	
						Pb	Pb	Ca	Ca	B	B	N	N	Zr	Zr	Cl	Cl	PCm	PCm
W12x14 035' 00.00' W310x23.8 010.6680m	1616873 A992-06	.81	56900	70400	28.28	.0670	.0980	.0129	.0286	.2350	.1010	.0380	.2395	.2813	.1313	.0000	3.0172	.1313	
24 Piece(s) Customer PO: C19818																			
W12x14 035' 00.00' W310x23.8 010.6680m	261800 A992-06	.81	57800	71400	27.46	.0740	.0290	.0078	.0294	.1950	.1100	.0560	.2386	.2739	.1443	.0000	3.1048	.1443	
16 Piece(s) Customer PO: C19818																			
W12x16 045' 00.00' W310x23.8 010.6680m	2606476 A992-06	.83	59200	71000	28.31	.0710	.0140	.0063	.0328	.2240	.1360	.0470	.2325	.2734	.1366	.0000	3.5471	.1366	
32 Piece(s) Customer PO: C19818																			
W12x16 045' 00.00' W310x23.8 013.7160m	1611997 A992-06	.83	57600	69100	26.63	.0660	.0090	.0092	.0263	.2070	.0790	.0310	.2189	.2587	.1294	.0000	2.4508	.1294	
25 Piece(s) Customer PO: C19818																			
W12x16 045' 00.00' W310x23.8 013.7160m	2612000 A992-06	.82	56900	69100	28.19	.0670	.0430	.0069	.0253	.2180	.0810	.0330	.2241	.2655	.1321	.0000	2.4647	.1321	
56 Piece(s) Customer PO: C19818																			

=====
 Elongation based on 8" (20.32cm) gauge length. No weld repair was performed.
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-17.29CuxNi)-(9.10NiXp)-33.39(CuXcu)
 PCm = C+((Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+S)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

State of South Carolina
 (County of Berkeley
 Sworn and subscribed before me

_____ day of _____

1:18 11-12 TO: 12036794260 FROM: NUCOR STEEL HUGER

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

9/08/06 23:22:39
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Customer H.: 502 - 1
 B.O.I. #....: 562R06

Ship To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Shid To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AS6 and A370.

ASRSTO : M278-36-00/M278-50-00
 ASME : SA-36
 ASTM : A992-04a://036-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/640.21-50W

HUGER

Description	Heat	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CEI		
						Cr	Pb	Mo	Ti	Sa	Ca	B	N	Wb	Zr	Al	Fe	Wb	Fe	Al	Fe	Wb
W10X39.0	2614783	.76	53900	70900	24.08	.0650	.0190	.9470	.0200	.0287	.2330	.1170	.0390	.2516	.2956	.1473	.0000	.0000	.0000	.0000	.0000	.0000
045' 00.00'	A992-04a	.75	53300	70900	22.51	.0390	.0190	.0270	.0057	.0020	.0059	.0256	.2956	.1473	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
013.7160m			368	489																		
W10X45.0	2614677	.74	52200	70100	22.00	.0660	.0340	1.0730	.0134	.0317	.2910	.1250	.0460	.2696	.3241	.1533	.0000	.0000	.0000	.0000	.0000	
030' 00.00'	A992-04a	.74	52200	70800	21.36	.0390	.0140	.0280	.0054	.0023	.0050	.0296	.3241	.1533	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
009.1440m			360	488																		
W10X45.0	2614784	.75	52800	70100	24.91	.0660	.0390	1.0580	.0124	.0289	.2530	.1180	.0410	.2677	.3151	.1522	.0000	.0000	.0000	.0000	.0000	
035' 00.00'	A992-04a	.72	50700	70600	21.80	.0390	.0199	.0300	.0052	.0019	.0050	.0262	.3151	.1522	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
010.6680m			350	487																		
W10X45.0	2614703	.76	56400	73900	22.20	.0710	.0330	1.1220	.0142	.0257	.2890	.1140	.0400	.2811	.3354	.1573	.0000	.0000	.0000	.0000	.0000	
045' 00.00'	A992-04a	.75	55800	74600	21.18	.0330	.0141	.0260	.0051	.0025	.0052	.0308	.3354	.1573	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
013.7160m			385	514																		
W10X45.0	2614703	.76	56400	73900	22.20	.0710	.0330	1.1220	.0142	.0257	.2890	.1140	.0400	.2811	.3354	.1573	.0000	.0000	.0000	.0000	.0000	
045' 00.00'	A992-04a	.75	55800	74600	21.18	.0330	.0141	.0260	.0051	.0025	.0052	.0308	.3354	.1573	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
013.7160m			385	514																		

Customer PO: C19787
 Customer PO: C19747
 Customer PO: C19787
 Customer PO: C19747
 Customer PO: C19787
 Customer PO: C19747

Elongation based on B' (20.32cm) gauge length. No Weld Repair, was performed.
 CEI = C*((Mn/6)+((Cr+Mo+V)/5))+((Ni+Cu)/15)
 CEZ = C*((Mn+Si)/6)+((Cr+Mo+V+Ch)/5)+((Ni+Cu)/15)

State of South Carolina
 County of Berkeley

Sworn and subscribed before me

day of _____

Bruce R. Work
 Metallurgist

1:25 09-08 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

4/14/06 7:47:57
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 B.O.L. No.: 527114

SPECIFICATIONS: Tested in accordance with ASTM specification A6/6M and A370.
 ARS10 : M270-36-00/M270-50-00
 ARS11 : SA-36
 ARS12 : A992-04a/36-04/A529-03-50/A572-04-50/A709-04a36/A709-04a50/A7
 CSA : CSA-44W/C40.21-50W

HUGER

Description	Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C		Mn		P		S		Si		Cu		Ni		CE1		
						Cr	Pb	Cr	Mo	Yl	Ca	B	N	Nb	Zr	CI	CE2	Pcm				
W10x12 050', 00.00'	1606212 A992-04a	.79	52300	66400	25.34	.0650	.8670	.0058	.0277	.2110	.1280	.0390	.2314	.2690	.1324	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W250x17.9 015.2400m	361 A992-04a	.81	54900	68000	28.81	.0029	.0018	.0010	.0014	.0060	.0000	3.3505	.2314	.2690	.1324	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W10x15 030', 00.00'	2604037 A992-04a	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W250x22.3 009.1440m	381 A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0067	.0000	3.3737	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W10x15 030', 00.00'	2604037 A992-04a	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W250x22.3 009.1440m	381 A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0067	.0000	3.3737	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W10x15 030', 00.00'	2604037 A992-04a	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W250x22.3 009.1440m	381 A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0067	.0000	3.3737	.2391	.2793	.1420	.0000	.0000	.0000	.0000	.0000	.0000	.0000

Customer PO: C19093
 Customer PO: C18844
 Customer PO: C19093
 Customer PO: C18844

Elongation based on 8" (20.32cm) gauge length. No Weld Repair, was performed.
 CI = 26.01Cu+1.49Si+17.28P-(7.29CuXNi)-(9.10MnXPI)-33.39(CuXCu)
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+Sb

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina)
 (County of Berkeley)
 Sworn and subscribed before me

day of

17:51 04-14 '06 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (803) 336-6000

MILL TEST REPORT

11/27/06 0:07:19
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CI 8 PENT HIGHWAY WALLINGFORD, CT 06492
Ship To: INFRA METALS CORP - CI 8 PENT HIGHWAY WALLINGFORD, CT 06492
 Customer No: 502 - 1
 S.O.I. No.: 500019

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/G40.21-50W

HUGER - NUCOR STEEL FROM:

Description	Heat Grader(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C Pb	Mn Ti	P Sb Ca	S Al B	Si V N	Cu Nb Zr	Ni xxxxx CI	CE1 CE2 Pcm
C8X13.75 040' 00.00' C200X20.5 012.1920m	1618301 A992-06	.81	55700	68800	26.66	.0710 .0250 .0083	.8420 .0250 .0023	.0097 .0041 .0004	.0279 .0001 .0006	.2100 .0032 .0057	.0790 .0248 .0000	.0260 2.4405 InvH:	.2290 .2689 .1306 0
C8X13.75 050' 00.00' C200X20.5 015.2400m	2618597 A992-06	.84	59300	70400	25.79	.0650 .0240 .0091	.8530 .0260 .0018	.0090 .0042 .0007	.0205 .0092 .0008	.2380 .0035 .0073	.1010 .0255 .0000	.0320 2.9531 InvH:	.2267 .2748 .1290 0
MCL08.4 040' 00.00' MC250X12.5 012.1920m	2612487 A992-06	.81	54900	68000	28.89	.0730 .0310 .0000	.8530 .0210 .0008	.0055 .0091 .0000	.0225 .0005 .0007	.2070 .0027 .0063	.1230 .0146 .0000	.0580 3.3049 InvH:	.2382 .2756 .1363 0

Customer PO: C19420
 Customer PO: C19420
 Customer PO: C19445

=====
 Elongation based on B' (26.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01Cu+3.88Mn+1.20Cr+1.49S+17.28P-(7.29CuxNi)-(9.10MnXp)-33.39(CuXCu)
 Pcm = Cr(Si/30)+Mn/20+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+58
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cu)/5)+((Ni+Cu)/15)
 I hereby certify that the contents of this report are accurate and
 correct. All test results and operations performed by the material
 manufacturer are in compliance with material specifications, and
 when designated by the Purchaser, meet applicable specifications.
 Bruce A. Work
 Metallurgist

NOVA TUBE AND STEEL CORPORATION
 600 Dean Sievers Place
 Morrisville, PA, 19067
 Tel: 215-295-8813 Fax: 215-295-8798

TEST CERTIFICATE

Sold to: INFRA-METALS CORP. DATE SHIPPED: 12/26/06
 Ship to: INFRA-METALS CORP. B/L #: 146473
 8 PENT HIGHWAY# P.O. #: C20541MF
 WALLINGFORD, CONNECTICUT SALES ORDER #: 124700

06492

sOp12h10v0s0b3T

Description	Dimensions	Pcs	Mill/Heat Number	Specifications
HSS Square Tubing	6x6x0.375x504 <i>T066x 42</i>	9	MIT /432C0251	ASTM A 500 B/C

sOp15h12v0s0b3T

Chemical Analysis																
Heat Number	C	Mn	P	S	Si	Cu	Ni	Cr	Cb	Mo	V	Al	N	Sn	B	Ti
MIT/432C0251	0.080	0.620	0.014	0.012	0.005	0.070	0.030	0.030	0.006	0.010	0.001	0.049	0.004	-	-	-
Melted & Manufactured in U.S.A.																

sOp10h12v0s0b3T

Mechanical Test Results				
Heat Number/Size	Yield Strength	Tensile Strength	Elong.%	Hardness
MIT/432C0251 6x6x0.375	57,903	66,304	22.00	

Heat # Manufactured in
 MIT /432C0251 United States

Authorized by Andrew Hurlbrink, Quality Ctrl Dept
 DEC 26, 2006 20:37:31
 sOp10h12v0s0b3T
 sOp10h12v0s0b3T

CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164511
 Load No: 1071873
 Manifest No: 1788415

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT US
 06492

CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

PRODUCT
 WF BEAMS

LENGTH
 65 FT / 19.812 M

GRADE
 992/572-50

SIZE
 W 24 X 76# / W610 X 113

SPECIFICATIONS
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30305130

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.15	.015	.036	.22	.36	.11	.12	.020	.013	.001	.001	.022	.34

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area		Elongation		Bend Test	ROA	
		KSI	MPa	Sq In	Sq cm			%
58.4	402.7	75.1	517.8	0.988	6.37	24.4	8 In 200 mm	200 mm
57.7	397.8	74.1	510.9	1.024	6.61	24.4	8 In 200 mm	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 20, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 1 of 1

DATE	7/21/06
INVOICE NO.	61039
BILL OF LADING	795696
CUSTOMER NO.	9310
CUSTOMER P.O.	C19982

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
H
I
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O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S
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O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		TEMP	IMPACT ENERGY													
					MPa	MPa		° F	FT-LBS													
1	W21 - 44.0 50' W530 x 66.0 15.240 M	3	278176	.75 .74	55000 53000	73000 72000	27 24				.07	1.12	.034	.020	.32	.34	.11	.14	.03 .01	.01 .17	.017	.33
2	W21 - 50.0 35' W530 x 74.0 10.668 M	3	278661	.76 .74	55000 55000	72000 74000	24 24				.07	1.10	.016	.026	.30	.29	.10	.12	.03 .01	.00 .16	.022	.31

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell

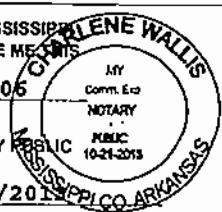
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

21 Day of 07/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2015



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164451
Lead No: 1074369
Manifest No: 1789778

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 21 X 44# / W530 X 66

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329610

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.01	.012	.034	.18	.32	.09	.08	.015	.015	.001	.000	.019	.29

PHYSICAL PROPERTIES

Yield Strength	MPa	Tensile Strength	MPa
56.0	386.1	70.6	486.8
57.6	397.1	70.1	483.3

Specimen Area	Sq cm	Elongation	%	Gage Length
0.669	4.32	23.4	8In	200 mm
0.681	4.39	24.8	8In	200 mm

Bend Test
Dia. Result
ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164378
 Load No: 1076498
 Manifest No: 1792007

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREDSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT US 06492

PRODUCT
 WF BEAMS

LENGTH
 60 FT / 18.288 M

GRADE
 992/572-50

SIZE
 W 18 X 35# / W460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.98	.012	.021	.25	.35	.09	.07	.015	.013	.001	.000	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	ROA
KSI	KSI	Sq In	%	Di. Result
57.3	73.5	0.623	25.6	200 mm
56.9	73.5	0.688	23.1	200 mm
		4.02	81a	
		4.44	81a	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 07, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 33 of 33

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 16 X 26# / M410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa
56.2	387.5	69.4
56.0	386.1	70.5

Tensile Strength	KSI	MPa
0.385	2.48	26.3
0.377	2.43	26.6

Specimen Area	Sq in	Sq cm
8In	200 mm	8In
8In	200 mm	8In

Elongation
% Gage Length

Bend Test
Dia. Result

ROA
%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington
Tom L. Harrington: Quality Assurance Manager

Date: Dec. 10, 2006
Signed: Notary Public (if applicable)

Date: _____
Page: 26 of 52

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/16/2006
PO No: C19824
Mill Order No: 3164027
Load No: 1063838
Manifest No: 1779891

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
W 14 X 90# / W360 X 134

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30321570

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.09	.010	.035	.18	.30	.10	.05	.017	.013	.002	.002	.019	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength
KSI	KSI
MPa	MPa
54.3	71.0
54.5	71.5
374.4	489.5
375.8	493.0

Specimen Area	Elongation
Sq In	%
Sq cm	Gage Length
1.059	26.8
1.064	25.6
6.83	8In
6.86	8In
	200 mm
	200 mm

Bend Test
Dia. Result
ROA
%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 08, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

MITTAL



Mittal Steel Poland S.A.
 Oddział w Dąbrowie Górniczej
 Al. J. Piłsudskiego 92
 41-308 Dąbrowa Górnicza

Centr. tel.: (0048-32) 794 53 33 TKJ tel.: (0048-32) 792 80 52
 fax: (0048-32) 795 52 00 fax: (0048-32) 795 54 86

TEST REPORT

EN 10204/2.2

No 783/E/2006

QUALITY SYSTEM OF OUR COMPANY HAS BEEN CERTIFIED BY THE TÜV RHEINLAND INTERCERT ACC. EN ISO 9001

Exporter : MITTAL STEEL POLAND S.A. GDDZIAL DABROWA GORNICZA
 41-308 DABROWA GORNICZA AL.J.PILSUDSKIEGO 92
 Importer : MITTAL STEEL NORTH AMERICA INC.
 IL 606 CHICAGO 30 W. MONROE ST USA
 Order : INFRA-METALS/PO: B18365/NEW HAVEN,CT

Contract No. : PL/ /05/7606

Manuf. Order No. : 1643948/05
 Advice No. : P-15/00374/1
 Wagon No. : 315153513066
 PKWU : 27.10.70-13.00
 KTM : 2710701300-DC0200-A9442-6.

Product description as per standard: "W" - SHAPES

Dimension : W14"X22

ASTM A 6/A 6M-05

Length : 32FT

Steel grade: A 992

ASTM A 992/A 992M-04

THIS MATERIAL/GRADE COVERS - ASTM A36 -ASTM A572 GR50 KILLED STEEL

Quantity	Weight	Heat No.	Chemical composition - %													Mechanical Properties								
			C	Mn	Si	P	S	Cu	Cr	Ni	N	Mo	Sn	Nb	V	CEV	Re [MPa]	Rm [MPa]	A200 [K]					
Bundles/Pieces	kgs																							
13/ 91	29203	610012	0,15	0,65	0,17	0,013	0,011	0,04	0,02	0,01	0,006	0,003	0,005	0,001	0,023	0,27	409	500	21,0					
/		610012															491	504	22,6					
13/ 91	29203																							

THIS IS TO CERTIFY, THAT THE A.M. PRODUCTS HAVE BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH THE INDICATED SPECIFICATIONS AND COMPLY WITH THEIR REQUIREMENTS

Certificate Section
 Prepared by: (05)
 Checked by : (02)

HEAD OF ATTESTATION
 DIVISION
 Jan RDEST

DABROWA GORNICZA
 7 Jan 2006

Chief Specialist
 Quality Control
 Grzegorz Cichecki

DATE	11/15/06
INVOICE NO.	91948
BILL OF LADING	815659
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI		TEMP °F	IMPACT ENERGY FT-LBS												
					MPa	MPa		°C	JOULES												
1	W14 - 22.0 45' W360 x 32.9 13.716 M	9	284965	.81 .83	61000 62000	75000 75000	26 25				.06	.90	.018	.029	.28	.29	.10	.11	.02 .01	.00 .14	.017 .27
2	W14 - 22.0 45' W360 x 32.9 13.716 M	18	284967	.83 .82	63000 62000	76000 76000	23 24				.06	.93	.019	.032	.30	.29	.10	.11	.02 .01	.00 .14	.017 .28
3	W14 - 22.0 45' W360 x 32.9 13.716 M	17	284969	.84 .81	64000 61000	76000 75000	25 24				.05	.90	.017	.033	.29	.32	.11	.12	.02 .01	.00 .14	.018 .26
4	W14 - 22.0 45' W360 x 32.9 13.716 M	24	284971	.83 .84	59000 59000	71000 70000	24 24				.06	.91	.015	.028	.29	.31	.11	.10	.03 .01	.00 .15	.016 .27
5	W14 - 22.0 45' W360 x 32.9 13.716 M	29	285087	.83 .83	62000 62000	75000 75000	23 23				.05	.90	.013	.031	.26	.29	.13	.08	.03 .01	.00 .12	.017 .25
6	W14 - 22.0 45' W360 x 32.9 13.716 M	44	285088	.83 .83	63000 64000	76000 77000	24 24				.08	.92	.016	.034	.26	.28	.13	.14	.03 .01	.00 .16	.019 .29
7	W14 - 22.0 45' W360 x 32.9 13.716 M	3	285089	.77 .78	59000 59000	77000 76000	24 25				.07	.95	.015	.034	.29	.32	.12	.15	.04 .01	.00 .16	.017 .30
8	W14 - 22.0 45' W360 x 32.9 13.716 M	19	285409	.82 .83	60000 60000	73000 72000	24 24				.08	.90	.016	.033	.27	.26	.11	.13	.03 .02	.00 .16	.015 .28
9	W14 - 22.0 45' W360 x 32.9 13.716 M	12	285446	.82 .82	63000 65000	77000 79000	23 23				.06	.94	.011	.034	.30	.32	.14	.16	.04 .01	.00 .15	.017 .29

Formula for Carbon Equivalent: CE = CE(IIW) = C + Mn/6 + (Cr+Ni+V)/5 + (N) + (Cu)/15
Common Index: CE(IIW) = C + Mn/6 + (Cr+Ni+V)/5 + (N) + (Cu)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell

QUALITY ASSURANCE

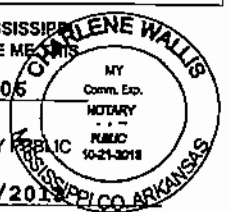
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

16 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



DATE	9/25/06
INVOICE NO.	77820
BILL OF LADING	806628
CUSTOMER NO.	9310
CUSTOMER P.O.	C19782

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	MPa		PSI	MPa													TEMP °F	IMPACT ENERGY FT-LBS
					MPa	MPa		%	°C													JOULES	
1	W12 - 96.0 60' W310 x143.0 18.288 M	2	282092	.78 .76	59000 58000	76000 76000	26 26				.08	1.30	.017	.016	.23	.34	.08	.09	.02	.00	.021	.35	
2	W12 - 96.0 60' W310 x143.0 18.288 M	1	282094	.76 .75	57000 57000	75000 76000	26 25				.08	1.31	.015	.016	.25	.34	.10	.09	.03	.00	.022	.35	
3	W12 - 96.0 65' W310 x143.0 19.812 M	3	282059	.78 .76	57000 56000	73000 74000	26 24				.08	1.31	.017	.017	.22	.30	.09	.07	.02	.00	.018	.35	
4	W12 -106.0 60' W310 x158.0 18.288 M	3	282024	.76 .76	58000 58000	76000 76000	26 27				.08	1.35	.016	.017	.23	.33	.10	.10	.03	.00	.018	.37	
5	W12 -105.0 65' W310 x158.0 19.812 M	3	282050	.76 .77	57000 57000	75000 74000	27 27				.08	1.30	.020	.021	.28	.32	.09	.10	.02	.00	.019	.35	

Formula for CE: CE = C + (Mn/6) + (Cr + Ni)/15 + (Cu)/25 + (Nb + V)/10 + (Si)/30
 Formula for Mn: Mn = 100 * [C + (Mn/6) + (Cr + Ni)/15 + (Cu)/25 + (Nb + V)/10 + (Si)/30] / (100 - [C + (Mn/6) + (Cr + Ni)/15 + (Cu)/25 + (Nb + V)/10 + (Si)/30])

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lonnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

25 Day of 09/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/18/06 8:14:34
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CI
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CI
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 302 - 1
 B.O.L. H...: 579274

SPECIFICATIONS: Tested in accordance with ASTM specification A6/ASTM and A370.
 ARSMD : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/ASTM-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/C40.21-50W

Description	Heat#	Yield/ Tensile Ratio	Elong	C	Mn	P	S	Si	Cu	Ni	CE1	CE2	Pcm								
														Grade(s)	Tensile (PSI)	(MPa)	(PSI)	(MPa)	Yield (MPa)	Yield Ratio	Grade(s)
W12x14 050' 00.00' W310x21.0 015.2400m	1614943 A992-06	.81	29.16	.0710	.8430	.0108	.0326	.1780	.0830	.0290	.2281	.2600	.1334								
				91 Piece(s) Customer PO: C19818																	
W12x14 050' 00.00' W310x21.0 015.2400m	2614946 A992-06	.80	30.94	.0710	.8900	.0123	.0240	.1550	.0700	.0290	.2373	.2633	.1365								
				33 Piece(s) Customer PO: C19818																	
W12x14 050' 00.00' W310x21.0 015.2400m	1614933 A992-06	.81	29.61	.0690	.8590	.0064	.0253	.2320	.1490	.0430	.2358	.2768	.1345								
				36 Piece(s) Customer PO: C19818																	
W12x19 020' 00.00' W310x28.3 006.0960m	1617974 A992-06	.87	25.03	.0710	.9250	.0100	.0270	.2200	.0750	.0290	.2431	.2856	.1330								
				24 Piece(s) Customer PO: C20731																	
W12x19 020' 00.00' W310x28.3 006.0960m	1617980 A992-06	.87	24.54	.0670	.8650	.0211	.0271	.2020	.0690	.0280	.2293	.2680	.1268								
				8 Piece(s) Customer PO: C20731																	

Chemical Analysis: CE1 = C + (Mn/6) + (Cr+Mo+V)/5 + ((Ni+Cu)/15)
 CE2 = C + ((Mn+Si)/6) + ((Cr+Mo+V+Cb)/5) + ((Ni+Cu)/15)
 Pcm = C + (Si/30) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mo/15) + (V/10) + Sb

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist
 (State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 day of _____)

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

11/12/06 1:17:39
 Customer H.: 502 - 1
 S.o.L. H...: 578021

SHIP ID: INFERA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SHIP ID: INFERA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASIM specification A6/ADM and A370.

ASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASIM : A992-06://A36-03/AS72-06-50/R709-06&36/R709-06&50/A709-345M
 CSA : CSA-44W/G40.21-50W

Description	Beath Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C		P		S		Si		Cu		Ni		CEI	
						Cr	Pb	Ca	Ca	A	B	Y	N	Nb	Zr	CI	CI	Pcm	Pcm
W12x14 035' 00.00' W310x23.8 010.6680m	1616873 A992-06	.81	56900	70400	28.20	.0670	.0360	.0067	.0129	.0286	.0039	.2350	.0038	.1010	.0133	.0000	.0380	.2395	.2813
		.82	58500	71500	27.98	.0069	.0004	.0009	.0004	.0004	.0004	.0069	.0000	.0000	.0000	.0000	3.0177	.1313	.1313
			403	493		Customer PO: C19818													
W12x14 035' 00.00' W310x23.8 010.6680m	2616800 A992-06	.81	57800	71400	27.46	.0740	.0450	.0056	.0078	.0294	.0001	.1950	.0038	.1100	.0139	.0000	.0560	.2386	.2739
		.80	57400	71800	26.96	.0056	.0013	.0000	.0000	.0023	.0069	.0069	.0000	.0000	.0000	.0000	3.1048	.1443	.1443
			396	495		Customer PO: C19818													
W12x16 035' 00.00' W310x23.8 010.6680m	2606476 A992-06	.83	59200	71000	28.31	.0710	.0430	.0022	.0063	.0328	.0025	.2240	.0040	.1360	.0278	.0000	.0470	.2325	.2754
		.83	59100	71200	26.83	.0022	.0016	.0019	.0019	.0012	.0054	.0054	.0000	.0000	.0000	.0000	3.5471	.1366	.1366
			407	491		Customer PO: C19818													
W12x16 045' 00.00' W310x23.8 013.7160m	1611997 A992-06	.83	57600	69100	26.63	.0660	.0310	.0039	.0092	.0283	.0002	.2070	.0038	.0790	.0263	.0000	.0310	.2189	.2507
		.83	56300	68200	27.54	.0039	.0015	.0018	.0018	.0017	.0059	.0059	.0000	.0000	.0000	.0000	2.4508	.1294	.1294
			388	470		Customer PO: C19818													
W12x16 045' 00.00' W310x23.8 013.7160m	2612000 A992-06	.82	56900	69100	28.19	.0670	.0220	.0060	.0069	.0253	.0002	.2180	.0038	.0810	.0255	.0000	.0330	.2241	.2653
		.81	55700	68400	26.79	.0060	.0014	.0019	.0019	.0017	.0065	.0065	.0000	.0000	.0000	.0000	2.4647	.1321	.1321
			384	472		Customer PO: C19818													

Chemical Composition: CEI = C + (Mn/5) + ((Cr+Mo+V)/5) + ((Ni+Cu)/15)
 Pcm = C + ((Si/30) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mo/15) + (V/10) + 58)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____)

FROM: NUCOR STEEL HUGER

1:18 11-12 10: 12030794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

9/08/06 23:22:39
 100% MELTED AND MANUFACTURED IN THE USA
 All beans produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CI
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SHIP TO: INFRA-METALS CORP.
 INFRA METALS CORP
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer No: 502 - 1
 B.o.L. No.: 562R06

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

ASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-04a//A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA : CSA-44W/C40.21-50W

HUGER

Description	Heat Grade(s) Test	Yield/ Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C Cr Pb	Mn Mo Ti	P S Ca	Si V N	Cu Nb Zr	Ni Al CI	CE1 CE2 PCm
W10X45.0 045' 00.00' W250X67 013.7160m	2614783 A992-04a	.76 .75	53900 372 489	70900 70900	24.08 22.51	.0690 .0390 .0190	.9470 .0270 .0020	.0200 .0057 .0000	.2330 .0059 .0061	.1170 .0256 .0000	.0390 3.4366	.2516 .2956 .1473
W10X45.0 030' 00.00' W250X67 009.1440m	2614677 A992-04a	.74 .74	52200 360 483	70100 70800	22.00 21.36	.0660 .0340 .0140	1.0230 .0280 .0017	.0134 .0034 .0009	.2910 .0030 .0061	.1250 .0296 .0000	.0460 3.5664	.2696 .3241 .1533
W10X45.0 035' 00.00' W250X67 010.6600m	2614784 A992-04a	.75 .72	52800 364 483	70100 70600	24.91 21.80	.0660 .0390 .0149	1.0360 .0300 .0018	.0124 .0052 .0005	.2530 .0050 .0058	.1180 .0262 .0000	.0410 3.3615	.2677 .3151 .1522
W10X45.0 045' 00.00' W250X67 013.7160m	2614703 A992-04a	.76 .75	56400 389 510	73900 74600	22.20 21.18	.0710 .0330 .0141	1.1220 .0260 .0017	.0142 .0051 .0009	.2890 .0052 .0064	.1140 .0308 .0000	.0400 3.3636	.2811 .3354 .1573
W10X45.0 045' 00.00' W250X67 013.7160m	2614703 A992-04a	.76 .75	56400 389 510	73900 74600	22.20 21.18	.0710 .0330 .0141	1.1220 .0260 .0017	.0142 .0051 .0009	.2890 .0052 .0064	.1140 .0308 .0000	.0400 3.3636	.2811 .3354 .1573

Customer PO: C19787
 Customer PO: C19747
 Customer PO: C19787
 Customer PO: C19747
 Customer PO: C19787
 Customer PO: C19747

CE1 = C+{(Mn/6)+{(Cr+Mo)/5)+{(Ni+Cu)/15}}
 CE2 = C+{(Mn/6)+{(Cr+Mo)/5)+{(Cr+Mo+V)/5)+{(Ni+Cu)/15}}

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

Bruce A. Work
 Metallurgist

day of

12036794260 FROM: NUCOR STEEL - BERKELEY

12036794260 TO: 09-08 11:25

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

4/14/06 7:47:57
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

Sold To: INFRA-METALS CORP. - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 INFRA METALS CORP.
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 B.O.L. H...: 527114

SPECIFICATIONS: Tested in accordance with ASTM specification A6/AS6 and A370.

ASHID : M270-36-00/M270-50-00

ASME : SA-36

ASTM : A992-04a/A936-04/A529-03-50/A572-04-50/A709-04a36/A709-04a50/A7

CSA : CSA-44W/C40-21-50M

HUGER

Description	Rearh Grade(St) Test	Yield/ Tensile Ratio	Yield (MPa)	Tensile (PSI)	Elong %	C		Mn	P	Sn	Ca	S	Al	Si	V	Nb	Cu	Ni	CE1	CE2	PCM	
						Pb	TI															TI
W10x12	1608212	.79	52300	66400	25.34	.0650	.8670	.0058	.0277	.2110	.1280	.0390	.2314									
030' 00.00'	A992-04a	.81	54900	68000	28.81	.0029	.0018	.0078	.0014	.0037	.0122	.33505	.2690									
W250x17.5			379	473																		
015.2400m																						
W10x15	2604037	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391									
030' 00.00'	A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0047	.0164	.2793										
W250x22.3			384	473																		
009.1440m																						
W10x15	2604037	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391									
030' 00.00'	A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0047	.0164	.2793										
W250x22.3			384	473																		
009.1440m																						
W10x15	2604037	.80	55200	69100	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391									
030' 00.00'	A992-04a	.81	55700	68600	28.15	.0041	.0023	.0000	.0016	.0047	.0164	.2793										
W250x22.3			384	473																		
009.1440m																						

Customer PO: C19093
 Customer PO: C18844
 Customer PO: C19093
 Customer PO: C18844

CE1 = C + (Mn/6) + ((Cr+Mo+V)/5) + ((Ni+Cu)/15)
 CE2 = C + ((MnSi)/6) + ((Cr+Mo+V+Cb)/5) + ((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

day of

17:51 04-14 To: 12036794260

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

MILL TEST REPORT

11/27/06 0:07:19
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer No: 502 - 1
 S.O.S. No.: 500019

SPECIFICATIONS: Tested in accordance with ASTM Specification A6/A6M and A370.

ASHTO : M270-36-00/M270-50-00
 ASME : SA-36
 ASTM : A992-06//A36-05/A372-06-50/A709-06A36/A709-06A50/A709-345M
 CSA : CSA-44W/G40.21-50W

HUGER

Description	Heat Grade(s) Test	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (%)	C	Cr	Pb	Mn	P	S	Si	Cu	Ni	CE1
C8X13.75 040' 00.00'	1618301 A992-06	.81	55700	68800	26.66	.0710	.0250	.0083	.8420	.0097	.0279	.2100	.0790	.0260	.2290
C200X20.5 012.1920m	A992-06	.83	57100	69100	24.69	.0250	.0041	.0084	.0250	.0041	.0001	.0032	.0248	2.4405	.1306
C8X13.75 050' 00.00'	2618597 A992-06	.84	59300	70400	25.79	.0650	.0090	.0090	.8530	.0090	.0205	.2580	.1010	.0320	.2267
C200X20.5 015.2400m	A992-06	.82	58400	71400	27.63	.0291	.0018	.0007	.0018	.0042	.0008	.0035	.0255	2.9531	.1290
MC10X8.4 040' 00.00'	2612407 A992-06	.81	54900	68000	28.89	.0730	.0055	.0000	.8530	.0055	.0225	.2070	.1230	.0580	.2382
MC250X12.5 012.1920m	A992-06	.80	55600	69800	29.46	.0310	.0210	.0000	.0210	.0091	.0005	.0027	.0146	3.3049	.2756

FROM: NUCOR STEEL

0:07 11-27 To: 12036794260

CE1 = C + (Mn/6) + ((Cr+Mo+V)/5) + ((Ni+Cu)/15)
 CE2 = C + ((Mn+Si)/6) + ((Cr+Mo+V+Co)/5) + ((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

NOVA TUBE AND STEEL CORPORATION
 600 Dean Sievers Place
 Morrisville, PA, 19067
 Tel: 215-295-8813 Fax: 215-295-8798

T E S T C E R T I F I C A T E

Sold to: INFRA-METALS CORP. DATE SHIPPED: 12/26/06
 Ship to: INFRA-METALS CORP. B/L #: 146473
 8 PENT HIGHWAY P.O. #: C20541NF
 WALLINGFORD, CONNECTICUT SALES ORDER #: 124700

06492

s0p12h10v0s0b3T

Description	Dimensions	Pcs	Mill/Heat Number	Specifications
HSS Square Tubing	6x6x0.375x504 <i>7066x 92</i>	9	MIT /432C0251	ASTM A 500 B/C

s0p15h12v0s0b3T

Heat Number	Chemical Analysis															
	C	Mn	P	S	Si	Cu	Ni	Cr	Cb	Mo	V	Al	N	Sn	B	Ti
MIT/432C0251	0.080	0.620	0.014	0.012	0.005	0.070	0.030	0.030	0.006	0.010	0.001	0.049	0.004	-	-	-
Melted & Manufactured in U.S.A.																

s0p10h12v0s0b3T

Mechanical Test Results				
Heat Number/Size	Yield Strength	Tensile Strength	Elong.%	Hardness
MIT/432C0251 6x6x0.375	57,903	66,304	22.00	

Heat # Manufactured in
 MIT /432C0251 United States

Authorized by Andrew Hurlbrink, Quality Ctrl Dept
 DEC 26, 2006 20:37:31
 s0p10h12v0s0b3T
 s0p10h12v0s0b3T

PO# 17319-6

DATE	11/28/06
INVOICE NO.	95427
BILL OF LADING	817733
CUSTOMER NO.	7717
CUSTOMER P.O.	C20360

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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INFR-METALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50B (3455)
 ASTM A6/A6M-05a

S
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INFR-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					MPa	MPa		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	* F													FT-LBS
1	W30 - 90.0, 30' W760 x134.0 9.144 M	6	286440	.80 .79	63000 62000	79000 78000	24 24				.08	1.31	.018	.022	.23	.32	.10	.11	.02 .01	.00 .19	.019	.36
2	W30 - 90.0, 35' W760 x134.0 10.668 M	3	286463	.81 .81	62000 63000	77000 78000	23 24				.08	1.30	.019	.021	.25	.29	.10	.11	.02 .01	.00 .18	.019	.36
3	W30 - 90.0, 40' W760 x134.0 12.192 M	6	286463	.81 .81	62000 63000	77000 78000	23 24				.08	1.30	.019	.021	.25	.29	.10	.11	.02 .01	.00 .18	.019	.36
4	W30 - 90.0, 45' W760 x134.0 13.716 M	2	286452	.78 .79	60000 60000	77000 76000	24 24				.08	1.30	.017	.024	.25	.28	.11	.13	.03 .01	.00 .18	.019	.36
5	W30 - 90.0, 45' W760 x134.0 13.716 M	1	286453	.80 .80	63000 63000	79000 79000	25 22				.08	1.30	.017	.025	.21	.31	.13	.15	.03 .01	.00 .19	.019	.37
6	W30 - 90.0, 50' W760 x134.0 15.240 M	3	286452	.78 .79	60000 60000	77000 76000	24 24				.08	1.30	.017	.024	.25	.28	.11	.13	.03 .01	.00 .18	.019	.36
7	W30 - 90.0, 55' W760 x134.0 16.764 M	6	286461	.81 .81	63000 63000	78000 78000	23 23				.08	1.32	.016	.021	.25	.29	.09	.09	.02 .01	.00 .17	.019	.35

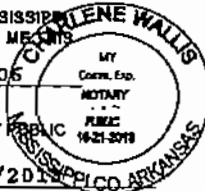
ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gary Linnell

 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 28 Day of 11/06
Charlene Wallis

 NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PO No: CI9824
Mill Order No: 3164662
Load No: 1072977
Manifest No: 1789438

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 27 X 84# / W690 X 125

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329020

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CS
.07	1.19	.011	.030	.22	.43	.10	.11	.016	.015	.001	.000	.019	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
54.0	67.7	1.099	28.1	81n	
54.9	69.1	1.094	27.3	81n	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 27, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 17 of 32

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 11/15/2005
 PO No: C18337
 Mill Order No: 3044653
 Load No: 992766
 Manifest No: 1713424

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 8 PENT HWY
 WALLINGFORD CT US
 06492

GRADE 992/572-50
 LENGTH 15 FT / 10.668 M
 PRODUCT WF BEAMS

SIZE H 24 X 68# / W610 X 101
 SPECIFICATION ASTM A6-05a, A992-04a, A572-04
 HEAT NO: 30268640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.17	.009	.036	.24	.38	.10	.07	.015	.011	.003	.003	.018	.32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Result	%
58.4	75.5	0.931	25.3	8In	200 mm
59.0	74.7	0.931	25.1	8In	200 mm
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 30, 2005 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

DATE 7/13/06
 INVOICE NO. 58628
 BILL OF LADING 794220
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19679

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72318

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a AS72/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	TENSILE STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI		%	TEMP													IMPACT ENERGY
					MPa	MPa		%	° F													FT-LBS
1	W24 - 62.0 35' W610 x 92.0 10.668 M	3	277862	.71	50000	70000	25				.08	1.14	.018	.036	.26	.32	.12	.12	.04	.01	.017	.33
				.72	51000	71000	25												.01	.18		
					345	483	25															
					352	490	25															
2	W24 - 62.0 35' W610 x 92.0 10.668 M	3	278077	.74	50000	68000	28				.07	1.06	.022	.035	.23	.30	.11	.13	.03	.01	.015	.31
				.74	50000	68000	24												.01	.16		
					345	469	28															
					345	469	24															
3	W24 - 62.0 35' W610 x 92.0 10.668 M	6	278080	.74	51000	69000	26				.09	1.17	.024	.039	.35	.33	.11	.11	.03	.01	.014	.35
				.74	50000	68000	25												.01	.19		
					352	476	26															
					345	469	25															
4	W24 - 62.0 40' W610 x 92.0 12.192 M	3	278094	.72	51000	71000	24				.07	1.10	.021	.037	.30	.41	.14	.12	.03	.01	.017	.32
				.71	52000	73000	24												.01	.17		
					352	490	24															
					359	503	24															

Formula: $C = \frac{Mn}{12} + \frac{Si}{24} + \frac{Cu}{12} + \frac{Ni}{60} + \frac{Cr}{33} + \frac{V}{18} + \frac{Nb}{10} + \frac{Ta}{10} + \frac{B}{10} + \frac{N}{10} + \frac{O}{10} + \frac{Al}{10} + \frac{Fe}{10} + \frac{C}{10}$
 CARBON EQUIVALENT: CE = C + Mn/6 + Cr/3 + Ni/6 + V/18 + Nb/10 + Ta/10 + B/10 + N/10 + O/10 + Al/10 + Fe/10 + C/10

ELONGATION BASED ON 8.00 INCH GUAGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Linnell
 QUALITY ASSURANCE

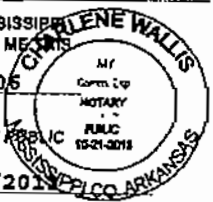
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

13 Day of 07/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE 12/19/06
 INVOICE NO. 102403
 BILL OF LADING 821953
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19904

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S I
 H I
 P I
 T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P
 E C
 I F
 I C
 A T
 I O
 N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M 03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

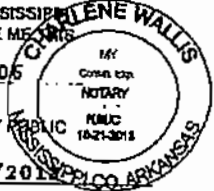
S O
 L D
 I O
 T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	Y.S. STRENGTH		TENSILE STRENGTH		ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					MPa	PSI	MPa	PSI		° F	FT-LBS												
1	W21 - 44.0 35' WS30 x 66.0 10.668 M	1	287709	.76	57000	75000	24				.09	1.11	.020	.034	.34	.25	.09	.14	.02	.09	.017	.33	
2	W21 - 44.0 35' WS30 x 66.0 10.668 M	2	287713	.76	54000	71000	25				.07	1.10	.023	.039	.27	.30	.11	.14	.02	.00	.015	.31	
3	W21 - 44.0 35' WS30 x 66.0 10.668 M	1	287717	.76	55000	72000	24				.07	1.10	.022	.039	.30	.32	.10	.14	.02	.00	.018	.31	
4	W21 - 44.0 35' WS30 x 66.0 10.668 M	6	287722	.75	54000	72000	25				.08	1.10	.016	.031	.30	.32	.12	.15	.03	.00	.015	.33	
5	W21 - 44.0 35' WS30 x 66.0 10.668 M	20	287724	.74	55000	74000	26				.08	1.11	.016	.036	.30	.30	.13	.11	.03	.00	.018	.33	
6	W21 - 44.0 40' WS30 x 66.0 12.192 M	2	287690	.77	56000	73000	25				.08	1.14	.014	.033	.34	.29	.10	.11	.03	.00	.016	.33	
7	W21 - 44.0 40' WS30 x 66.0 12.192 M	1	287692	.78	58000	74000	24				.08	1.10	.015	.038	.33	.32	.13	.13	.03	.00	.015	.32	
8	W21 - 44.0 40' WS30 x 66.0 12.192 M	4	287816	.74	52000	70000	24				.07	1.10	.015	.031	.25	.28	.13	.12	.03	.00	.016	.31	
9	W21 - 44.0 40' WS30 x 66.0 12.192 M	33	287831	.74	52000	70000	23				.08	1.14	.016	.026	.30	.30	.11	.13	.03	.01	.022	.33	

Carbon Equivalent: CE = C + Mn/6 + (Cr+Si+Ni)/5
 Form 100-10-01 Rev 11/05

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 19 Day of 12/05
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2012


CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164373
 Load No: 1075646
 Manifest No: 1791534

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV REFUSSAG INTERNATIONAL CO B PENT HIGHWAY
 3 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 18 X 35# / W460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331830

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sb	V	Al	Nb	CE
.08	.93	.015	.033	.25	.40	.10	.10	.015	.012	.003	.003	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Band Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
57.8	73.7	0.708	23.3	81n	200 mm
53.6	68.0	0.761	23.6	81n	200 mm
				4.57	200 mm
				4.91	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10294 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 06, 2006 Signed: *Notary Public (if applicable)* Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 14 of 19

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76068-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164372
Load No: 1077307
Manifest No: 1792552

SHIP To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
30 FT / 9.144 M

GRADE
992/572-50

SIZE
W 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331820

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sa	V	Al	Nb	CE
.09	.95	.014	.031	.26	.37	.10	.08	.015	.012	.003	.003	.020	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia. Result	%
56.0	71.1	0.664	24.4	8In	200 mm
57.1	75.0	0.675	26.3	8In	200 mm
		4.28			
		4.35			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 46 of 52

DATE 11/06/06
 INVOICE NO 88970
 BILL OF LADING 813634
 CUSTOMER NO. 9310
 CUSTOMER P O C 20376

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A5/A5M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES			CHARPY IMPACT		CHEMICAL PROPERTIES											
					WELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	TEMP °F °C	IMPACT ENERGY FT-LBS JOULES	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
1	W16 - 31.0	3	284872	.81	63000	78000	27			.08	.96	.014	.036	.28	.30	.12	.12	.03	.00	.017	.30
	.79			62000	78000	26															
	W410 x 46.1			9.144 M	434	538	27														
2	W16 - 31.0	2	284894	.82	64000	78000	25			.06	.90	.017	.037	.28	.36	.12	.16	.03	.00	.015	.28
	.82			65000	79000	24															
	W410 x 46.1			9.144 M	441	538	25														
3	W16 - 31.0	44	284895	.82	64000	78000	24			.05	1.00	.021	.036	.30	.34	.12	.22	.03	.00	.019	.30
	.82			64000	78000	23															
	W410 x 46.1			9.144 M	441	538	24														
4	W16 - 31.0	23	284120	.82	58000	71000	23			.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28
	.81			58000	72000	22															
	W410 x 46.1			10.668 M	400	490	23														
5	W16 - 31.0	10	284395	.79	58000	73000	24			.05	.96	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26
	.80			59000	74000	25															
	W410 x 46.1			10.668 M	400	503	24														
6	W16 - 31.0	1	284416	.80	60000	75000	24			.07	.91	.017	.033	.26	.29	.11	.12	.02	.00	.016	.28
	.80			60000	75000	24															
	W410 x 46.1			10.668 M	414	517	24														
7	W16 - 31.0	3	284912	.81	60000	74000	24			.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26
	.80			60000	75000	24															
	W410 x 46.1			10.668 M	414	510	24														
8	W16 - 31.0	5	284923	.82	62000	76000	24			.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29
	.83			63000	76000	23															
	W410 x 46.1			10.668 M	427	524	24														

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/13) - (S/2) - (P/8)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

 QUALITY ASSURANCE

CUSTOMER COPY

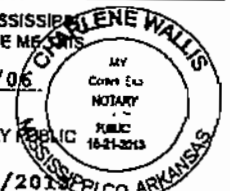
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

6 Day of 11/06

Charlene Wallis

 NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Macd Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172372
Load No: 1078523
Manifest No: 1793883

Ship To: 1
INFRA-METALS CORPORATION-CT, R INERA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO & PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
MF BEAMS

LENGTH
40 FT / 12.192 M

GRADE
992/572-50

SIZE
M 16 X 26# / M410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333940

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	CC	Mo	Sn	V	Al	Nb	CE
.09	.90	.011	.028	.21	.32	.10	.10	.018	.013	.001	.000	.010	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Cage Length	Bend Test Dia. Result	ROA %
56.1	70.3	386.8	0.364	2.35	25.4	8In 200 mm		
56.0	68.7	386.1	0.371	2.39	28.0	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 17, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 4 of 13

DATE 9/25/06
 INVOICE NO. 77828
 BILL OF LADING 806633
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19782

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	CHARPY IMPACT TEMP °F °C	IMPACT ENERGY FT-LBS JOULES	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE
1	W12 - 65.0 40' W310 x 97.0 12.192 M	1	281619	.79	59000	75000	24			.07	1.23	.019	.021	.24	.30	.10	.14	.03	.00	.014	.34
2	W12 - 79.0 50' W310 x117.0 15.240 M	3	281765	.77	55000	73000	26			.08	1.20	.017	.019	.19	.32	.08	.10	.02	.00	.015	.33
3	W12 - 79.0 50' W310 x117.0 15.240 M	3	281767	.78	56000	72000	27			.07	1.21	.017	.024	.21	.35	.08	.10	.02	.00	.014	.32
4	W12 - 79.0 50' W310 x117.0 15.240 M	3	281792	.76	56000	74000	25			.08	1.22	.012	.025	.20	.35	.09	.08	.03	.00	.014	.33
5	W12 - 79.0 50' W310 x117.0 15.240 M	3	281793	.79	57000	72000	27			.07	1.23	.016	.020	.19	.36	.10	.11	.02	.00	.015	.34
6	W12 - 96.0 35' W310 x143.0 10.668 M	1	282052	.75	56000	75000	26			.08	1.32	.021	.024	.24	.30	.09	.10	.02	.00	.019	.35
7	W12 - 96.0 35' W310 x143.0 10.668 M	1	282053	.75	56000	75000	27			.07	1.32	.023	.020	.21	.30	.09	.10	.02	.00	.020	.34
8	W12 - 96.0 35' W310 x143.0 10.668 M	1	282058	.76	57000	75000	25			.08	1.34	.023	.021	.20	.28	.08	.10	.02	.00	.017	.34
9	W12 - 96.0 35' W310 x143.0 10.668 M	3	282098	.75	57000	76000	25			.07	1.33	.015	.023	.28	.35	.10	.09	.03	.00	.019	.34

FLONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

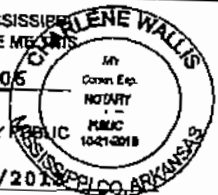
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

25 Day of 09/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/09/2005
PO No: B18378FF
Mill Order No: 3040807
Load No: 1010696
Manifest No: 1730007

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO B FENT HIGHWAY
8 FENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

PRODUCT
WF BEAMS

LENGTH
32 FT / 9.754 M

GRADE
992/572-50

SIZE
W 12 X 72# / W310 X 107

SPECIFICATION
ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30281650

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Mb	Cb
.09	1.17	.013	.042	.22	.40	.10	.08	.015	.013	.003	.003	.020	.34

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Di.	Result
58.7	75.0	1.047	25.6	200 mm	
58.6	74.3	1.046	26.3	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.2

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Feb. 09, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 1 of 31

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd,
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 05/01/2006
 PO No: C19726
 Mill Order No: 3133859
 Load No: 1036993
 Manifest No: 1755047

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAC INTERNATIONAL CO 8 FENT HIGHWAY
 8 FENT HWY
 WALLINGFORD
 CT US
 WALLINGFORD
 CT US
 TRACK# 953
 06492

SIZE M 12 X 65# / M310 X 97 GRADE 992/572-50 LENGTH 32 FT / 9.754 M PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30301030

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.12	.019	.036	.21	.35	.10	.10	.015	.015	.004	.003	.020	.33

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength MPa	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
57.3	395.1	74.9	516.4	0.966	6.23	25.9	81a	200 mm	
58.3	402.0	75.7	521.9	0.930	6.00	23.8	81a	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Jun. 04, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 36 of 37

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/07/2006
 PO No: C19786
 Mill Order No: 3156877
 Lead No: 1039420
 Manifest No: 1756730

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492

CT US
 CT US
 CT US

PRODUCT
 WF BEAMS

LENGTH
 50 FT / 15.24 M

GRADE
 997/572-50

SIZE
 H 12 X 58# / H310 X 86

SPECIFICATION
 ASTM A6-05a, A992-04a, A572-04

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	.97	.012	.031	.25	.38	.10	.09	.017	.016	.001	.003	.019	.32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
57.0	75.7	0.982	23.8	8in	
57.4	75.3	0.995	24.8	8in	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Jun. 12, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 10 of 13

DATE: 10/13/06
 INVOICE NO: 82944
 BILL OF LADING: 809928
 CUSTOMER NO: 9310
 CUSTOMER P.O.: C 20376

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:

ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES															
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT TEMP °F	IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	PSI	%															Sn	Pcm	Cl
					MPa	MPa	%																	
1	W12 - 19.0 35'	5	283543	.78	57000	73000	25						.08	.70	.020	.037	.25	.32	.13	.17	.03	.00	.008	.27
	W310 x 28.3 10.668 M			.78	57000	73000	24														.01	.16		
					393	503	25																	
2	W12 - 19.0 35'	16	283545	.77	57000	74000	24						.07	.73	.029	.036	.21	.33	.12	.19	.03	.00	.007	.26
	W310 x 28.3 10.668 M			.78	57000	73000	25														.01	.15		
					393	510	24																	
					393	503	25																	
3	W12 - 19.0 45'	1	263839	.79	55000	70000	27						.09	.75	.016	.034	.24	.33	.12	.09	.03	.00	.010	.27
	W310 x 28.3 13.716 M			.80	55000	69000	26														.01	.16		
					379	483	27																	
					379	476	26																	
4	W12 - 19.0 45'	4	263842	.77	54000	70000	25						.09	.76	.018	.030	.24	.30	.11	.11	.03	.00	.010	.28
	W310 x 28.3 13.716 M			.79	54000	68000	24														.01	.17		
					372	483	25																	
					372	469	24																	
5	W12 - 19.0 45'	3	283483	.82	58000	71000	23						.08	.73	.019	.038	.23	.34	.11	.12	.03	.00	.009	.26
	W310 x 28.3 13.716 M			.80	57000	71000	23														.01	.16		
					400	490	23																	
					393	490	23																	
6	W12 - 19.0 45'	1	283508	.81	59000	73000	25						.07	.73	.020	.030	.22	.38	.12	.12	.02	.00	.007	.25
	W310 x 28.3 13.716 M			.79	58000	73000	26														.01	.15		
					407	503	25																	
					400	503	26																	
7	W12 - 19.0 45'	3	283539	.79	58000	73000	24						.08	.70	.023	.034	.24	.31	.12	.18	.03	.00	.010	.27
	W310 x 28.3 13.716 M			.78	58000	74000	23														.01	.16		
					400	503	24																	
					400	510	23																	
8	W12 - 19.0 45'	1	283541	.79	58000	73000	25						.08	.79	.026	.039	.27	.37	.14	.21	.03	.00	.011	.29
	W310 x 28.3 13.716 M			.80	59000	74000	23														.01	.16		
					400	503	25																	
					407	510	23																	
9	W12 - 19.0 45'	1	283543	.78	57000	73000	25						.08	.70	.020	.037	.25	.32	.13	.17	.03	.00	.008	.27
	W310 x 28.3 13.716 M			.78	57000	73000	24														.01	.16		
					393	503	25																	
					393	503	24																	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell
 QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS 13 Day of 10/06

Charlene Wallis
 NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2010

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9681
 (972) 775-8241

Order Date: 06/07/2006
 PD No: C19794
 Mill Order No: 3156912
 Load No: 1038973
 Manifest No: 1756364

SHIP To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
 8 FENT HWY
 WALLINGFORD
 CT
 US
 06492
 TRACK# 953
 WALLINGFORD
 CT
 US
 06492

PRODUCT
 WF BEAMS

LENGTH
 30 FT / 9.144 M

GRADE
 992/572-50.

SIZE
 W 10 X 68# / W250 X 101

SPECIFICATION
 ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30303160

C .08 Mn 1.05 P .014 S .040 Si .22 Cu .36 Ni .11 Cr .08 Mo .016 Sn .013 V .003 Al .018 Nb .018 CE .31

CHEMICAL ANALYSIS

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dir. Result	ROA %
52.1	68.9	475.0	1.172	22.6	8In		
53.1	70.3	484.7	1.190	21.3	8In		
					200 mm		
					200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Jun. 09, 2006 Signed: *Tom L. Harrington* (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 24 of 26

MILL TEST REPORT
 9/18/06 7:47:57
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and rolled to a fully killed and fine grain practice.

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29664
 Phone: (843) 336-6000

Sold To: INFRA-METALS CORP. - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA-METALS CORP.
 8 PENT METALS CORP
 WALLINGFORD, CT 06492

Customer No: 302 - 1
B.O.L. No: 327314

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 A6/A6M : M27U-36-DE/M27U-50-00
 A370 : SA-36
 ASTM : A572-64M/A572-03-50/A572-01-50/R709-04M16/R709-04M50/A7
 CSA : CSA-A44/G40,21-50M

FROM: NUCOR STEEL HUGER

Description	Heat	Yield Ratio	Yield Tensile (MPa)	Elong %	C	Mo	P	S	Si	Cu	Mn	CE1		
	Grade(s) Test		(MPa)		Pb	II	Ca	Al	Y	Nb	CI	CE2		
W10x12 030' 00.00' W250x17.9 015.2330m	2604037 A992-04a	.79	52300	25.34	.0650	.8670	.0058	.0277	.2110	.1280	.0390	.2314		
			381	458	.0340	.0160	.0058	.0040	.0037	.0122		.2698		
		.81	54903	28.81	.0029	.0918	.0010	.0014	.0060	.0900	3.3505	.1374		
			379	469	Customer PO: C19093								Inv#:	0
W10x15 030' 00.00' W250x22.3 009.1940m	2604037 A992-04a	.80	55200	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391		
			381	476	.0460	.0240	.0075	.0014	.0047	.0164		.2793		
		.81	55700	28.15	.0041	.0023	.0000	.0016	.0067	.0000	3.3737	.1420		
			384	473	Customer PO: C18844								Inv#:	0
W10x15 030' 00.00' W250x22.3 009.1940m	2604037 A992-04a	.80	55200	27.61	.0740	.8260	.0078	.0248	.2210	.1210	.0670	.2391		
			381	476	.0460	.0240	.0075	.0014	.0047	.0164		.2793		
		.81	55700	28.15	.0041	.0023	.0000	.0016	.0067	.0000	3.3737	.1420		
			384	473	Customer PO: C19093								Inv#:	0

=====
 Elongation based on 8" (20.32cm) gage length. No Weld Repair was performed.
 CI = 26.01Cu+3.88Mn+1.20Cr+1.49Si+11.28P-(7.20CrMn)-(9.10MnCr)-33.39(CuMnCu)
 CE1 = C+((Mn/51)+(Cr/60)+(Ni/60)+(Cu/15)+(V/10)+S)
 CE2 = C+((Mn/51)+(Cr/60)+(Ni/60)+(Cu/15)+(V/10)+S)
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.
 Bruce R. Work
 Metallurgist
 (State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____)

17:51 04-14 To: 12036794260

18Aug06 9:20

TEST CERTIFICATE

No: MAR 416002

Sold By:

INDEPENDENCE TUBE CORPORATION
6226 W. 74TH STREET
CHICAGO, IL 60638

Tel: 708-496-0380 Fax: 708-563-1950

F/O No C20077MF
Rel PART II OF II
S/O No MAR 112802-008
B/L No MAR 69320-003
Inv No

Shp 17Aug06
Inv

Sold To: (914)
INFRA-METALS
8 PENT HIGHWAY
WALLINGFORD, CT 06492

Ship To: (2)
INFRA-METALS (RAIL)
8 PENT HIGHWAY
TRACK #953
WALLINGFORD, CT

Tel: 203-294-2980 Fax: 203 294-2993

CERTIFICATE of ANALYSIS and TESTS

Cert. No: MAR 416002
18Aug06

Part No
TUBING A500C
8" SQ X 1/2" X 60'

Pcs Wgt
8 23,448

Heat Number Tag No
L53979 991904
YLD=50290/TEN=63970/ELG=40.9

Pcs Wgt
2 5,862

L53979 991905
L53979 991906
L53979 991907

2 5,862
2 5,862
2 5,862

Heat Number *** Chemical Analysis ***
L53979 C=0.2000 Mn=0.7000 P=0.0080 S=0.0110 Si=0.0090 Al=0.0310

MANUFACTURED IN USA
MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)-03a

TAIAN KENUO PROFILES STEEL CO., LTD.
SHANKOU, TAIAN CITY SHANDONG 271038, CHINA

MILL TEST CERTIFICATE

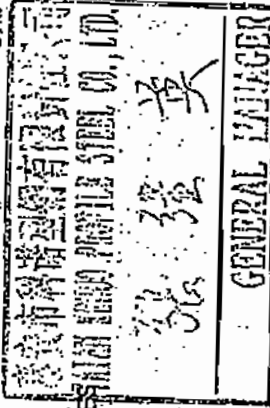
CUSTOMER: DSL CORP., HOUSTON, TX
INVOICE NO.: KNDSLJV06114
P.O. NO.: C19992

DESCRIPTION OF GOODS: NEW PRIME ERW CARBON STEEL COLD FORMED
STRUCTURAL TUBING (SQUARE/RECTANGULAR TUBING)
PER ASTM A500 GRADE B BLACK (NOT PICKLED), MEDIUM
OILED (VERY WELL OILED TO PREVENT RUSTS ON
TUBING'S SURFACES), TUBING SHOULD BE FREE FROM
RUST AND DUST, CORNER RADIUS NOT TO EXCEED 2.6 TIMES
OVER SPECIFIED WALL THICKNESS, PER CONTRACT NO.
DSL-060420-TKP

TEST CERTIFICATE: KNDSLMT060627C
DATE: JUL 31, 2006

C19992
CPS200

SHIPPING MARK:
-CUSTOMER'S P.O.#:
-TAIAN KENUO PROFILE
STEEL CO., LTD.
-ASTM A500 B
-HEAT NO.:
-SIZE AND LENGTH
-NUMBER OF PIECES:
-MADE IN CHINA
-CAMDEN, NJ



SIZE	HEAT NUMBER	BUNDLE COUNT	TOTAL PIECE COUNT	FOOTAGE PER SIZE BY SIZE	CHEMICAL COMPOSITION (%)						MECHANICAL PROPERTIES		
					C	Mn	Si	P	S	YIELD (N/mm ²)	UTS (N/mm ²)	ELONG. (%)	
8" x 8" x 250" x 24"	6203734	3	27	648	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 30"	6203734	3	27	810	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 35"	6203734	4	24	840	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 40"	6203734	4	24	960	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 45"	6203734	4	24	1080	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 48"	6203734	2	12	576	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 250" x 50"	6203734	3	18	900	0.12	0.49	0.14	0.020	0.035	335	445	26	
8" x 8" x 375" x 24"	6203570	5	30	720	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 30"	6203570	4	24	720	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 35"	6203570	5	20	700	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 40"	6203570	6	24	960	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 45"	6203570	5	20	900	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 48"	6203570	3	12	576	0.16	0.38	0.16	0.025	0.026	340	445	27	
8" x 8" x 375" x 50"	6203570	5	20	1000	0.16	0.38	0.16	0.025	0.026	340	445	27	
TOTAL:		56	306	11,390									

ACCORDING TO ASTM A500 GRADE B

15Aug06 9:23

TEST CERTIFICATE

No: MAR 415415

Sold By:

INDEPENDENCE TUBE CORPORATION

6226 W. 74TH STREET

CHICAGO, IL 60638

Tel: 708-496-0380 Fax: 708-563-1950

P/O No C20077MF

Re: PART I OF II

S/O No MAR 112810-001

E/L No MAR 69240-008 Shp 14Aug06

Inv No MAR -007 Inv 15Aug06

Sold To: (914)

INFRA-METALS

8 FENT HIGHWAY

WALLINGFORD, CT 06492

Ship To: (2)

INFRA-METALS (RAIL)

8 FENT HIGHWAY

TRACK #953

WALLINGFORD, CT

Tel: 203-294-2980 Fax: 203 294-2993

CERTIFICATE of ANALYSIS and TESTS

Cert. No: MAR 415415

15Aug06

Part No

TUBING A500C

4" SQ X 1/4" X 24'

Pcs

Wgt

200

58,610

Heat Number

Tag No

Pcs

Wgt

614080

990363

20

5,861

YLD=65500/TEN=81210/ELG=30.2

614080

990364

20

5,861

614080

990365

20

5,861

614080

990366

20

5,861

614080

990368

20

5,861

614080

990369

20

5,861

614080

990370

20

5,861

614080

990371

20

5,861

614080

990372

20

5,861

614080

990373

20

5,861

Heat Number

*** Chemical Analysis ***

614080

C=0.2100 Mn=0.8600 P=0.0110 S=0.0080 Si=0.0200 Al=0.0520

Cu=0.0200

MANUFACTURED IN USA

MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)-03a

PO# 17319

Steel Dynamics, Inc.
 2601 S. County Road 700 East
 Columbia City, IN 46725
 (260) 625-8100

Certified Mill Test Report
 100% Made and Manufactured in USA

Date: 12/7/2006
 Customer No: 000198
 Bill of Lading No: 0000094562
 MTR #: 0000084178

Ship to:
 Intra Metals-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Johnson / David Dudzinski

Bill to:
 INFRA METALS-CT
 8 Pent Highway
 Wallingford, CT 06492
 Attn: Mark Haight

Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
7a	020717545	W27X94	35' 0"	1	A027119	A992 / A992M A709 950S/g345S A572 950D/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20425
7b	020717545	W27X94	35' 0"	1	A027120	A992 / A992M A709 950S/g345S A572 950D/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20425
8	020717909	W27X102	60' 0"	2	A027072	A992 / A992M A709 950S/g345S A572 950D/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20425
9	020718143	W27X114	60' 0"	1	A026020	A992 / A992M A709 950S/g345S A572 950D/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C20425

CHEMICAL

Item	C	Mn	P	S	Cu	Ni	Mo	Si	N	B	PC	Analysis
7a	.07	1.25	.015	.036	.41	.08	.017	.013	.0117	.0004	.37	HEAT
7b	.08	1.20	.015	.037	.38	.10	.015	.011	.0111	.0004	.36	HEAT
8	.08	1.22	.014	.022	.42	.09	.021	.014	.0089	.0004	.36	HEAT
9	.08	1.13	.016	.041	.42	.11	.022	.013	.0082	.0004	.35	HEAT

MECHANICAL

Item	Test	Tension Test (Fu)				Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Temp F/C	Charpy Impact Test (ft-lb)			ASTM Grain Size No (per ASTM E112)
		Yield Strength ksi/MPa	Tensile Strength ksi/MPa	FyFu	Yield					Sample 1 ft-lb/joules	Sample 2 ft-lb/joules	Sample 3 ft-lb/joules	
7a	1	58/401	72/496	.81	27		1						
7a	2	59/408	74/610	.80	28		2						
7b	1	66/397	73/504	.78	28		1						
7b	2	66/401	72/497	.81	27		2						
8	1	58/387	75/515	.77	25		1						
8	2	59/404	74/511	.80	25		2						
9	1	59/398	73/600	.79	28		1						
9	2	62/358	69/473	.76	29		2						

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.

Signed: 
 Quality Assurance

State of Indiana, County of Whitley
 Sworn to and subscribed before me this _____ day of _____
 Signed: _____ Notary Public
 My commission expires _____

Special Comments/Information:

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164662
Load No: 1072977
Manifest No: 1789438

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
06492
CT US
WALLINGFORD
06492
CT US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-60

SIZE
N 27 X 84# / M690 X 125

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329020

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.19	.011	.030	.22	.43	.10	.11	.016	.015	.001	.000	.019	.33

PHYSICAL PROPERTIES

Yield Strength	MPa	54.0	372.3
Yield Strength	KSI	54.9	378.5
Tensile Strength	MPa	67.7	466.8
Tensile Strength	KSI	69.1	476.4

Specimen Area	Sq cm	1.099	7.09
Specimen Area	Sq in	1.094	7.06
Elongation	%	28.1	27.3
Elongation	Gage Length	81n	200 mm
Elongation	Gage Length	81n	200 mm

Bend Test
Dia. Result
ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 27, 2006 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 17 of 32

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164672
Load No: 1072552
Manifest No: 1788783

Ship To: 1
INFRA-METALS CORPORATION-CT R INFRA-METALS CORPORATION-CT
DIV FREUSSAC INTERNATIONAL CO S PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE 992/572-50
LENGTH 65 FT / 19.812 M
PRODUCT WF BEAMS

SIZE W 27 X 84# / W690 X 125
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30329040

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.16	.014	.033	.23	.42	.10	.09	.018	.014	.001	.000	.018	.33

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
56.1	70.1	1.061	24.0	8In	200 mm
55.1	71.1	1.043	23.9	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 22, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 8 of 25

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164495
Load No: 1071750
Manifest No: 1787111

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
40 FT / 12.192 M

GRADE
992/572-50

SIZE
W 24 X 68# / W610 X 101

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328490

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.19	.013	.040	.22	.36	.11	.11	.017	.014	.001	.000	.019	.34

PHYSICAL PROPERTIES

Yield Strength KSI	54.7	377.1
MPa	55.6	383.3
Tensile Strength KSI	70.5	486.1
MPa	71.3	491.6

Specimen Area Sq In	0.917	5.92	26.5	8In	200 mm
Sq cm	0.954	6.15	25.4	8In	200 mm
Elongation %					
Gage Length					

Bend Test
Dia. Result
ROA
%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTB complies with DIN EN 10204 3.1.2

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 15, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: CI9824
Mill Order No: 3164501
Load No: 1071809
Manifest No: 1788787

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
M 24 X 68# / M610 X 101

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328570

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.17	.016	.034	.23	.36	.10	.10	.018	.014	.001	.000	.018	.34

PHYSICAL PROPERTIES

Yield Strength ksi	Tensile Strength ksi	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	RCA
56.3	72.1	1.002	27.4	8In		
57.3	72.8	0.929	27.0	8In		
	497.1	6.46		200 mm		
	501.9	5.99		200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material Specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 22, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 14 of 25

DATE 7/13/06
 INVOICE NO. 58628
 BILL OF LADING 794220
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19679

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES															
				YIELD TO TENSILE RATIO	TENSILE STRENGTH		ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	MPa		PSI	MPa													%	TEMP	IMPACT ENERGY
1	W24 - 62.0	3	277862	.71	50000	70000	25																	
	35'			.72	51000	71000	25																	
	W610 x 92.0																							
2	10.668 M	3	278077																					
	W24 - 62.0			.74	50000	68000	28																	
	35'			.74	50000	68000	24																	
3	W610 x 92.0	6	278080																					
	10.668 M																							
	W24 - 62.0			.74	51000	69000	26																	
4	35'	3	278094	.74	50000	68000	25																	
	W610 x 92.0																							
	10.668 M																							
4	40'	3	278094	.71	52000	73000	24																	
	W610 x 92.0																							
	12.192 M																							

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/13)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell

QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

13 Day of 07/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2013

DATE	12/15/06
INVOICE NO.	101540
BILL OF LADING	821432
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
H
I
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T
O
INPRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S
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C
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I
C
A
T
I
O
N
S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S
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O
INPRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	TENSILE STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI	%	TEMP														
					MPa	MPa	%	°F	FT-LBS													
1	W21 - 62.0 30' W530 x 92.0 9.144 M	6	287285	.76	59000	78000	25		.09	1.20	.019	.028	.30	.30	.12	.12	.03	.00	.022	.35		
				.75	58000	77000	23										.01	.19				
					407	538	25															
					400	531	23															
2	W21 - 62.0 35' W530 x 92.0 10.668 M	1	286945	.73	51000	70000	25		.07	1.14	.022	.036	.27	.28	.12	.12	.03	.00	.016	.32		
				.73	51000	70000	25										.01	.16				
					352	483	25															
					352	483	25															
3	W21 - 62.0 35' W530 x 92.0 10.668 M	1	287143	.70	54000	77000	22		.08	1.20	.019	.033	.32	.32	.11	.11	.02	.00	.024	.34		
				.72	57000	79000	22										.01	.18				
					372	531	22															
					393	545	22															
4	W21 - 62.0 35' W530 x 92.0 10.668 M	1	287152	.75	55000	73000	23		.07	1.20	.016	.031	.32	.29	.12	.09	.03	.00	.028	.32		
				.75	56000	75000	23										.01	.15				
					379	503	23															
					386	517	23															
5	W21 - 62.0 35' W530 x 92.0 10.668 M	12	287285	.76	59000	78000	25		.09	1.20	.019	.028	.30	.30	.12	.12	.03	.00	.022	.35		
				.75	58000	77000	23										.01	.19				
					407	538	25															
					400	531	23															
6	W21 - 93.0 30' W530 x 138.0 9.144 M	3	278381	.73	53000	73000	27		.08	1.25	.017	.028	.30	.26	.10	.10	.03	.00	.024	.34		
				.73	53000	73000	26										.01	.17				
					365	503	27															
					365	503	26															
7	W21 - 93.0 40' W530 x 138.0 12.192 M	2	287168	.73	53000	73000	26		.07	1.22	.019	.027	.26	.29	.11	.11	.03	.00	.020	.33		
				.71	52000	73000	27										.01	.16				
					365	503	26															
					359	503	27															
8	W21 - 93.0 40' W530 x 138.0 12.192 M	4	287171	.68	52000	77000	26		.08	1.26	.025	.035	.25	.31	.12	.11	.03	.00	.022	.35		
				.69	53000	77000	26										.01	.18				
					359	531	26															
					365	531	26															

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gay Lennell

QUALITY ASSURANCE

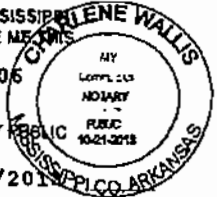
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

15 Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Lead No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331820

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sa	V	Al	Nb	CE
.09	.95	.014	.031	.26	.37	.10	.08	.015	.012	.003	.003	.020	.3

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength MPa	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
56.0	386.1	71.1	490.2	0.664	4.28	24.4	8In 200 mm		
57.1	393.7	75.0	517.1	0.675	4.35	26.3	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DYN EN 10204 J.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington*
Tom L. Harrington, Quality Assurance Manager

Date: Dec. 06, 2006 Signed: Notary Public (if applicable)

Date: _____ Page: 13 of 19

DATE	11/09/06
INVOICE NO.	90035
BILL OF LADING	814406
CUSTOMER NO.	9310
CUSTOMER P.O.	CI9896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O:
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A5/A6M-05a

S O L D T O:
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES																
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPPLY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE						
					PSI	MPa		PSI	MPa													%	TEMP	IMPACT ENERGY			
1	W16 - 31.0 35'	11	284139	.80	57000	71000	24																				
	W410 x 46.1 10.668 M			.81	61000	75000	24																		393	490	24
	W16 - 31.0 35'			.83	60000	72000	24																		421	517	24
	W410 x 46.1 10.668 M			.80	56000	70000	24																		414	496	24
2	W16 - 31.0 35'	3	284342	.83	60000	72000	24																				
	W410 x 46.1 10.668 M			.80	56000	70000	24																		386	483	24
	W16 - 31.0 35'			.80	61000	76000	24																		421	524	24
	W410 x 46.1 10.668 M			.81	61000	75000	24																		421	517	24
3	W16 - 31.0 35'	1	284486	.80	61000	76000	24																				
	W410 x 46.1 10.668 M			.81	61000	75000	24																		414	517	24
	W16 - 31.0 35'			.81	60000	75000	25																		414	510	24
	W410 x 46.1 10.668 M			.81	60000	74000	24																		414	510	24
4	W16 - 31.0 35'	3	284811	.80	60000	75000	25																				
	W410 x 46.1 10.668 M			.81	60000	74000	24																		414	517	25
	W16 - 31.0 35'			.81	63000	78000	24																		434	538	24
	W410 x 46.1 10.668 M			.82	65000	79000	25																		448	545	25
5	W16 - 31.0 35'	17	284910	.81	63000	78000	24																				
	W410 x 46.1 10.668 M			.82	65000	79000	25																		434	538	24
	W16 - 31.0 35'			.81	60000	74000	24																		414	510	24
	W410 x 46.1 10.668 M			.80	60000	75000	24																		414	510	24
6	W16 - 31.0 35'	7	284912	.81	60000	74000	24																				
	W410 x 46.1 10.668 M			.80	60000	75000	24																		414	510	24
	W16 - 31.0 35'			.83	60000	72000	24																		414	517	24
	W410 x 46.1 10.668 M			.83	60000	72000	24																		414	517	24
7	W16 - 31.0 40'	2	284272	.83	60000	72000	24																				
	W410 x 46.1 12.192 M			.82	61000	74000	23																		414	496	24
	W16 - 31.0 40'			.83	62000	75000	24																		427	517	24
	W410 x 46.1 12.192 M			.84	63000	75000	25																		427	517	24
8	W16 - 31.0 40'	2	284929	.84	53000	75000	25																				
	W410 x 46.1 12.192 M			.83	62000	75000	24																		434	517	25
	W16 - 31.0 40'			.83	62000	75000	26																		427	517	24
	W410 x 46.1 12.192 M			.84	63000	75000	26																		427	517	26
9	W16 - 31.0 40'	3	284930	.83	62000	75000	26																				
	W410 x 46.1 12.192 M			.84	63000	75000	26																		434	517	26
	W16 - 31.0 40'			.84	63000	75000	26																		434	517	26
	W410 x 46.1 12.192 M			.84	63000	75000	26																		434	517	26

FORM 10-01-05 (10-01-05) REV. 11-00 (10-01-05) REV. 11-00

CARBON EQUIVALENT: CE = C(Mn) = C + Mn/6 + (Cr + Mo)/5 + (Ni + Cu)/15

Conversion Index: Ounce=28.3495 Grams; Pound=453.59237 Grams; Foot=0.3048 Meters; Inch=25.4 Millimeters

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Lammell

QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
9 Day of 11/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2012



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/30/2006
 PO No: C19848
 Mill Order No: 317378
 Load No: 1078068
 Manifest No: 1793692

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SIZE W 16 X 31# / W410 X 46.1
 SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30334060

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.84	.007	.032	.22	.32	.09	.07	.013	.011	.002	.003	.008	.25

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength MPa	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
52.5	362.0	66.3	457.1	0.430	2.77	27.4	8In 200 mm		
52.4	361.3	67.3	464.0	0.416	2.68	28.4	8In 200 mm		

CHEMICAL ANALYSIS

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 16, 2006 Signed: *Tom L. Harrington* (if applicable) Date: _____
 Tom L. Harrington, Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 10/23/2006
PO No: C20706
Mill Order No: 3207949
Load No: 1068600
Manifest No: 1784394

SHIP TO: 1
INFRAMETALS CORPORATION-CT, R
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

SHIP TO: 1
INFRAMETALS CORPORATION-CT, R
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
45 FT / 13.716 M

GRADE
992/572-50

SIZE
W 14 X 132# / W360 X 196

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CE
	.08	1.21	.010	.026	.21	.35	.12	.05	.017	.016	.003	.002	.024	.33

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa	Tensile Strength		Specimen Area	Elongation	Bend Test	ROA
			KSI	MPa				
53.3	367.5	72.3	498.5	1.533	9.89	23.0	BIn	200 mm
55.2	380.6	75.0	517.1	1.544	9.96	23.9	BIn	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 01, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 16 of 35

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8741

Order Date: 05/18/2006
PO No: C19757
Mill Order No: 3145782
Load No: 1057311
Manifest No: 1774309

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 CT US 06492

PRODUCT
WF BEAMS

LENGTH
60 FT / 18.288 M

GRADE
972/572-50

SIZE
H 14 X 120# / W360 X 179

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30317230

CHEMICAL ANALYSIS

C	0.08	Mn	1.24	P	0.013	S	0.038	Si	0.22	Cu	0.41	Ni	0.10	Cr	0.08	Mo	0.015	Sn	0.013	V	0.004	Al	0.003	Nb	0.023	CE	0.34
---	------	----	------	---	-------	---	-------	----	------	----	------	----	------	----	------	----	-------	----	-------	---	-------	----	-------	----	-------	----	------

PHYSICAL PROPERTIES

Yield Strength	KSI	Tensile Strength	MPa	Specimen Area	Sq In	Sq cm	Elongation	%	Gage Length	In	mm	Bend Test	Result	ROA
53.0	365.4	73.6	507.5	1.455	9.39	24.6	81a	200	mm					
51.7	356.5	73.2	504.7	1.464	9.45	23.6	81n	200	mm					

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Sep. 09, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager

Steel Dynamics, Inc.
 2601 S. County Road 700 East
 Columbia City, IN 46725-8044
 (250) 625-5100

Certified Mill Test Report
 100% Milled and Manufactured in USA

Customer No: 000198
Bill of Lading No: 0000092441
MTR #: 0000092059

Date: 10/5/2005

Ship to:
 Infra Metals-CT
 8 Pant Highway
 Wallingford, CT 06492
 Attn: Mark Johnson / David Dudzinski

Bill to:
 INFRA METALS-CT
 8 Pant Highway
 Wallingford, CT 06482
 Attn: Mark Height

Item	Bundle	Section	Length	Pos	Heat #	Grade(s)	Specification(s)	Customer P.O.
4	020704385	W12X136	80' 0"	1	A028554	A992 / A992M A708 g50S/g34SS A572 g50/g345	ASTM A992/A992M - 04a ASTM A708/A708M - 05 ASTM A572/A572M - 04	C20410
5	020704502	W12X136	50' 0"	1	A028551	A992 / A992M A708 g50S/g34SS A572 g50/g345	ASTM A992/A992M - 04a ASTM A708/A708M - 05 ASTM A572/A572M - 04	C20410
6	020704503	W12X138	50' 0"	1	A028551	A992 / A992M A708 g50S/g34SS A572 g50/g345	ASTM A992/A992M - 04a ASTM A708/A708M - 05 ASTM A572/A572M - 04	C20410
7	020704548	W12X132	45' 0"	1	A028550	A992 / A992M A708 g50S/g34SS A572 g50/g345	ASTM A992/A992M - 04a ASTM A708/A708M - 05 ASTM A572/A572M - 04	C20410

CHEMICAL

Item	C	Mn	P	S	SI	Cu	V	Gr	NI	Mo	Sn	N	B	Cb	C1	C2	PC	Analysis
4	.07	1.33	.012	.030	.20	.31	.061	.08	.10	.024	.012	.0084	.0004	.003	.35	.38	.18	HEAT
5	.09	1.34	.019	.028	.21	.38	.065	.10	.11	.024	.015	.0118	.0005	.003	.38	.41	.19	HEAT
6	.09	1.34	.019	.028	.21	.38	.065	.10	.11	.024	.015	.0118	.0005	.003	.38	.41	.19	HEAT
7	.09	1.31	.017	.030	.19	.36	.072	.08	.11	.021	.017	.0101	.0004	.003	.38	.41	.20	HEAT

MECHANICAL

Item	Test	Yield (fy) ksi/MPa	Tensile (Fu) Strength ksi/MPa	Elong (%) based on 8" gauge	ROA (%)	Bend Test Result	Temp F/C	Charpy Impact Testing Results			ASTM Grain Size No (per ASTM E112)	
								FyFu	Sample 1 ft. lb/ftoules	Sample 2 ft. lb/ftoules		Sample 3 ft. lb/ftoules
4	1	58/387	73/500	24		1						
4	2	58/389	74/509	24		2						
5	1	59/407	75/520	25		1						
5	2	59/407	75/516	21		2						
6	1	59/407	75/520	25		1						
6	2	59/407	75/516	21		2						
7	1	61/423	78/536	21		1						
7	2	61/410	78/539	23		2						

I hereby certify that the contents of this report are accurate and correct. All facts and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated

Signed: _____
 Quality Assurance

State of Indiana, County of Whaley
 Sworn to and subscribed before me this
 ___ day of _____
 Signed: _____
 Notary Public

My commission expires: _____

Special Comments/Information:

DATE	10/06/06
INVOICE NO.	81074
BILL OF LADING	808846
CUSTOMER NO.	9310
CUSTOMER P.O.	CL9782

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR508 (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI		%	TEMP													IMPACT ENERGY	MPa
1	W12 - 65.0 45' W310 x 97.0 13.716 M	9	281621	.77	57000	74000	25					.08	1.20	.016	.021	.22	.32	.10	.11	.03	.00	.016	.34
2	W12 - 65.0 60' W310 x 97.0 18.288 M	6	281649	.77	56000	73000	25					.08	1.23	.021	.016	.21	.34	.10	.11	.03	.00	.015	.35
3	W12 - 65.0 60' W310 x 97.0 18.288 M	3	281651	.79	59000	75000	25					.07	1.20	.016	.024	.21	.32	.10	.09	.03	.00	.014	.32
4	W12 - 65.0 60' W310 x 97.0 18.288 M	2	281655	.79	60000	76000	24					.08	1.23	.015	.021	.23	.35	.10	.09	.03	.01	.017	.35
5	W12 - 65.0 60' W310 x 97.0 18.288 M	1	281657	.77	58000	75000	25					.07	1.23	.014	.023	.25	.35	.10	.09	.03	.00	.016	.33

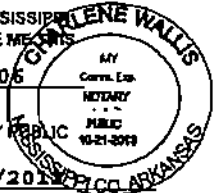
ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

6 Day of 10/06
Charlene Wallis NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

DATE	12/28/06
INVOICE NO.	104506
BILL OF LADING	823292
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

S
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O:
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES															
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	MPa			PSI	MPa													TEMP °F	IMPACT ENERGY FT-LBS	TEMP °C
				MPa	MPa	%	%	%	%	Sn	Pcm	Cl													
1	W10 - 68.0 40' W250 x101.0 12.192 M	4	288087	.72	55000	76000	23																		
				.70	51000	73000	23																		
					379	524	23																		
2	W10 - 68.0 55' W250 x101.0 16.764 M	2	281062	.73	51000	70000	26																		
				.73	51000	70000	26																		
					352	483	26																		

Formula: $CE = C + (Mn/6) + (Cr/5) + (Cu/12) + (Ni/16) + (Nb+V)/10 + (Ti/6) + (Al/8) + (Sb+Bi)/10$

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell
QUALITY ASSURANCE

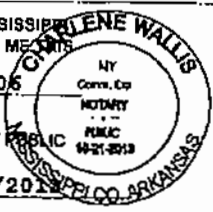
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

28 Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



MILL TEST REPORT
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkley are cast and rolled to a fully killed and fine grain practice.

NUCOR STEEL - BERKELEY
 P.O. BOX 2239
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-5000

Sold To: INFRA-METALS CORP. - CT
 R PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 B.O.L. H...: 527114

SHIP TO: INFRA-METALS CORP.
 INFRA METALS CORP
 R PENT HIGHWAY
 WALLINGFORD, CT 06492

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 ASSBID : X27L-36-06/M270-50-00
 ASME : SA-36
 ASIN : A992-04/A36-04/A529-03-50/A572-04-50/A709-04a36/A789-04a50/A7
 CSA : CSA-44W/GAU-21-50W

Description	Boath Yest	Yield/ Ratio	Tensile (MPa)	Elong (%)	C Pb	Mn IL	Mo IL	P Ca	S B	S B	Cu Zr	Ni CI	Mn CI	Nb CI	Ti CI	Pcm	CE1	CE2
W10x12 030' 00.00' W250x17.9 015.2430m	1606212 0992-04a	.79 .81	52300 54903	25.34 28.81	.0650 .0029	.8670 .0018	.0058 .0010	.0277 .0014	.0277 .0014	.0277 .0014	.1230 .0000	.0390 3.3505	.0390 3.3505	.0390 3.3505	.0390 3.3505	.2314 .1324	.2314 .1324	
W10x15 030' 00.00' W250x22.3 009.1490m	2604037 A992-04a	.80 .81	55200 55700	27.61 28.15	.0740 .0041	.8260 .0023	.0078 .0000	.0248 .0016	.0248 .0016	.0248 .0016	.1210 .0000	.0670 3.3737	.0670 3.3737	.0670 3.3737	.0670 3.3737	.2391 .1420	.2391 .1420	
W10x15 030' 00.00' W250x22.3 009.1490m	2604037 A992-04a	.80 .81	55200 55700	27.61 28.15	.0740 .0041	.8260 .0023	.0078 .0000	.0248 .0016	.0248 .0016	.0248 .0016	.1210 .0000	.0670 3.3737	.0670 3.3737	.0670 3.3737	.0670 3.3737	.2391 .1420	.2391 .1420	

CE1 = C1*(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C1*(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 Pcm = C1*(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+B
 CE1 = C1*(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C1*(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

BRUCE R. WORK
 Metallurgist

State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

day of _____

17:51 04-14 To: 12036794260 FROM: NUCOR STEEL HUGER

MTCO
C19010

鋼材検査証明書
INSPECTION CERTIFICATE



日一工業株式会社

TOYO INDUSTRIES, LIMITED
2-1, Nishishinjuku 4-chome, Shinjuku-ku, TOKYO, JAPAN

検査種別: C19010
依頼者: INFRA-METALS, INC.
製造番号: R223616
品名: CHANNEL
納入先: MITSUI & CO., LTD.
検査場所: CHANNEL

日付: MAY.27.2006
検査番号: MI69263
契約番号: 6-061-10-E-4-MO10
検査場所: USA EAST PHILADELPHIA

規格: ASTM A709-50-Z/ASTM A572-50-2

品名	寸法	重量	検査種別	CHEMICAL COMPOSITION (%)										検査結果	検査者						
				C		Mn		P		S		Si									
				Max	Min	Max	Min	Max	Min	Max	Min	Max	Min								
C9X13.0X40.00"	48	12.064	6JUG	15	19101	26	14	17	2	494	592	20	2	306	592	19	2	494	592	20	
S-TOTAL	48	11.664						17	2	494	592	20	2	306	592	19	2	494	592	20	
C9X15.0X40.00"	6	1.632	6JVA	14	20	99	18	7	18	2	494	562	19	2	494	562	19	2	494	562	19
S-TOTAL	6	1.452	6JVA	14	19	97	22	10	17	2	494	528	26	2	408	531	28	2	408	531	28
C9X15.0X40.00"	38	10.336	6JUG	14	18100	22	13	18	2	494	590	19	2	494	590	19	2	494	590	19	
S-TOTAL	44	11.968						18	2	494	590	19	2	494	590	19	2	494	590	19	
C9X20.0X40.00"	4	1.452	6JGU	14	19	97	22	10	17	2	494	528	26	2	408	531	28	2	408	531	28
S-TOTAL	4	1.452	6JGU	14	18100	22	13	18	2	494	590	19	2	494	590	19	2	494	590	19	
C9X20.0X40.00"	4	1.452	6JGU	14	18100	22	13	18	2	494	590	19	2	494	590	19	2	494	590	19	
S-TOTAL	4	1.452	6JGU	14	18100	22	13	18	2	494	590	19	2	494	590	19	2	494	590	19	

検査場所: PHILADELPHIA, PA. 19101

検査員: T. T. BURMAN, AND T. T. BURMAN

検査者: S. Washimoto

検査場所: PHILADELPHIA, PA. 19101

検査員: T. T. BURMAN, AND T. T. BURMAN

検査者: S. Washimoto

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

MILCO 1010

鋼材検査証明書
INSPECTION CERTIFICATE

日一工業株式会社
TOPY INDUSTRIES, LIMITED

検査番号: C19010
 検査品名: INFRA-METALS, INC.
 検査場所: 222615
 検査参考: MITSUI & CO., LTD.
 検査品目: UNEQUAL ANGLE
 検査規格: ASTM A700-50-27ASTM A572-50-2

検査日: MAY-27-2006
 検査場所: MI69259
 検査時間: 0-04F-18-E-4-MO10
 検査回数: 3

検査先: USA EAST PHILADELPHIA
 検査品名: CONSTRUCTION NAME

No.	Q. T.	Q. R.	Q. P.	Q. S.	Q. T.	Q. U.	Q. V.	Q. W.	Q. X.	Q. Y.	Q. Z.	CHEMICAL COMPOSITIONS		TENSILE STRENGTH	YIELD POINT	ELONGATION	BENDING	IMPACT	OTHER			
												C	Mn									
1	23	40	50									30	320	250								
2	15	19	15									22	392	535	26							
S. TOTAL													20	12.260								
G. TOTAL													214	99.244								

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

S. Washimoto

Misc
C19010

鋼材検査証明書
INSPECTION CERTIFICATE
JIS 五線株式会社
TOPPY INDUSTRIES, LIMITED
1-1-1, HONJO, NISHIKI-KU, KYOTO
TEL: 075-851-1111

CCO
DATE: MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

INSPECTION CERTIFICATE
MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

INSPECTION CERTIFICATE
MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

INSPECTION CERTIFICATE
MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

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MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

INSPECTION CERTIFICATE
MAY.27.2006
MATERIAL NO: MI69259
CONTRACT NO: 6-04Y-18-E-4-NO10
DESTINATION: USA EAST PHILADELPHIA
CONSTRUCTION: CONSTRUCTION

ITEM NO	QTY	UNIT	WEIGHT	CHEMICAL COMPOSITION										TENSILE STRENGTH	YIELD POINT	ELONGATION	BENDING	WELDING	REMARKS			
				C	Mn	P	S	Si	Al	Ca	Ni	Cr	Mo							Other		
S-TOTAL	20	KG	10,400																			
5-06542	15	KG	12,000																			
S-TOTAL	15	KG	12,000																			
5-06539	25	KG	10,400																			
S-TOTAL	25	KG	10,400																			
5-06540	29	KG	12,064																			
S-TOTAL	54	KG	22,464																			
5-06541	20	KG	12,240																			
S-TOTAL	20	KG	12,240																			

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

CCO

DATE: MAY.27.2006

MATERIAL NO: MI69259

CONTRACT NO: 6-04Y-18-E-4-NO10

DESTINATION: USA EAST PHILADELPHIA

CONSTRUCTION: CONSTRUCTION

S. Washimoto



CMC Steel - Alabama
P.O. Box 321188
Birmingham, AL 35232-1188
www.sml-al.com

CMC Steel - South Carolina
Box 2005
Cayce, SC 29171-2005
www.sml-sc.com

CERTIFIED MILL TEST REPORT

For additional copies call
(800) 637-3227

We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

John P. Powell
John P. Powell - CMC Steel AL
Quality Assurance Manager

SHIP#: 1019017140
BOL #: 262898
INV #: 8300363147
CUST PO#: C20673
CUST P/N:

HEAT NO.: J66090		SECTION: C 7x12.25 x40'		INFRA METALS CONNEW ENGLAND		INFRA METALS		SHIP#:					
GRADE: ASTM A36-05		C 180x18.20x12.182		S O L D T O		S H I P T O		BOL #:					
ASTM A36M-05				L WALLINGFORD, CT 06492		I WALLINGFORD, CT 06492		INV #:					
				D T O		P T O		CUST PO#:					
				T O		T O		CUST P/N:					
PROPERTIES													
CHEMICAL ANALYSIS		MECHANICAL		TEST 1		TEST 2		TEST 3					
%				IMPERIAL		IMPERIAL		IMPERIAL					
C	0.14	Yield Strength	334.6 MPA	49.1 KSI	338.3 MPA								
Mn	0.62	Tensile Strength	469.6 MPA	69.4 KSI	478.2 MPA								
P	0.010	Elongation	27 %	26 %	26 %								
S	0.040	Gauge Length	203 MM	8 INS	203 MM								
SI	0.17	Reduction of Area											
Cu	0.36	Bend Test											
Cr	0.12	Diameter											
Ni	0.12	Charpy Impact											
Mo	0.045	Test Temp											
Cb	0.001	Sample Size											
V	0.002	Orientation											
Sn	0.011	Hardness											
B	0.0003												
Ti	0.001												
C.Eq.	0.31												
AL	0.001												
N	0.006												
JOMINY RESULTS - Rockwell C hardness at 1/16th inch increments													
1	2	3	4	5	6	7	8	9	10	11	12	INCLUSION RATING	
												METHOD	
												TYPE	
												SIZE	
												T H T H T H	
												T H T H	

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

Meets Specifications NO GRADE, AASHTO M270-05 GR 36, ASTM A36-05 ASTM A36-05/CAN.CSA G40.21 44, ASTM A36-05/CAN.CSA
Meets Specifications ASTM A36-01, CAN/CSA-G40.21-04 44W, ASTM A709-05 GR 36 ASME SA-36-03a

① 06

GR 44W, ASTM A36-05

PO# 17319-8

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 05/16/2006
PO No: C19752
Mill Order No: 3144261
Load No: 1033425
Manifest No: 1751073

Ship To: 1
INTRA-METALS CORPORATION-CT, R INFERA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
TRACK# 953
WALLINGFORD CT US 06492

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
W 27 X 102# / W690 X 152

SPECIFICATION
ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30292580

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.10	1.22	.012	.038	.29	.30	.10	.09	.016	.013	.003	.003	.021	.35

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Di.	Result
58.0	74.2	1.192	23.8	8In	200 mm
58.0	74.8	1.229	28.3	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: May 18, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 29 of 33

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PC No: C19824
 Mill Order No: 3164662
 Load No: 1072977
 Manifest No: 1789438

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 27 X 84# / W690 X 125

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329020

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Se	V	Al	Nb	CE
.07	1.19	.011	.030	.22	.43	.10	.11	.016	.015	.001	.000	.019	.33

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa	Tensile Strength	KSI	MPa	Specimen Area	Sq In	Sq cm	Elongation	%	Gage Length	Bend Test	ROA
54.0	372.3	67.7	67.7	466.8	1.099	7.09	1.099	28.1	81a	200 mm			
54.9	378.5	69.1	69.1	476.4	1.094	7.06	1.094	27.3	81a	200 mm			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 27, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 17 of 32

CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006

Ship To: 1

Bill To:

CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

CHAPARRAL

PO No: CL9824
Mill Order No: 3164511
Load No: 1071973
Manifest No: 1788415

INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
US 05492 US

INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
US 05492 US

PRODUCT
WP BEAMS

LENGTH
65 FT / 19.512 M

GRADE
992/572-50

SIZE
W 24 X 76# / W610 X 113

SPECIFICATIONS

ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30305130

CHEMICAL ANALYSIS

	C	Mn	P	S	Si	Cu	Mi	Cr	Mo	Sn	V	Al	Nb	CE
	.09	1.15	.015	.036	.22	.36	.11	.12	.020	.013	.001	.001	.022	.34

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa	Tensile Strength	KSI	MPa	Specimen Area		Elongation		Bend Test	ROA
						Sq In	Sq Cm	%	Gage Length		
58.4	402.7	517.8	75.1	517.8	0.988	6.37	24.4	8 In	200 mm		
57.7	397.8	510.9	74.1	510.9	1.024	6.61	24.4	8 In	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed:  Date: Nov. 20, 2006
Tom L. Harrington: Quality Assurance Manager
Signed: _____ Date: _____
Notary Public (if applicable)
Page: 1 of 1

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/15/2005
PO No: C18337
Mill Order No: 3044653
Load No: 992766
Manifest No: 1713424

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT 06492
US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 24 X 68# / W610 X 101

SPECIFICATION
ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30268640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	Ce
.08	1.17	.009	.036	.24	.38	.10	.07	.015	.011	.003	.003	.018	.32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
58.4	75.5	0.931	25.3	81a	200 mm
59.0	74.7	0.931	25.1	81a	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTB complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Nov. 30, 2005 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager Page: 27 of 29

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-3651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164501
 Load No: 1071809
 Manifest No: 1788787

Ship To: 1
 INFRA-METALS CORPORATION-CT, R
 DIV PREUSSAG INTERNATIONAL CO
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT
 US
 06492

PRODUCT
 WF BEAMS

LENGTH
 65 FT / 19.812 M

GRADE
 992/572-50

SIZE
 W 24 X 68# / W610 X 101

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328560

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Mb	CE
.07	1.22	.015	.035	.22	.41	.10	.10	.019	.016	.001	.000	.020	.33

PHYSICAL PROPERTIES

Yield Strength	KSI	Tensile Strength	MPa	Specimen Area	Sq in	Sq cm	Elongation	%	Gage Length	Bend Test	ROA
55.7	384.0	71.8	495.0	0.974	6.28	6.28	25.3	81n	200 mm	81n	200 mm
55.9	385.4	69.6	479.9	0.943	6.08	6.08	27.3	81n	200 mm	81n	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Nov. 22, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 13 of 25

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164488
Load No: 1067925
Manifest No: 1783874

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
TRACK# 953
WALLINGFORD
CT US 06492

GRADE 992/572-50
LENGTH 35 FT / 10.668 M
PRODUCT WF BEAMS

SIZE M 24 X 62# / M610 X 92
SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30324690

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Wb	CE
.08	1.05	.016	.037	.21	.36	.10	.11	.018	.013	.002	.002	.020	.31

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
54.4	69.6	479.9	1.023	23.5	8In	200 mm	
54.6	70.1	483.3	1.019	23.9	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 29, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager Page: 20 of 38

DATE 12/12/06
 INVOICE NO. 100285
 BILL OF LADING 820586
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19904

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72315

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
H INFRA-METALS CORP
I 8 PENT HIGHWAY
P TRACK # 953
T WALLINGFORD, CT 06492
O

S
P ASTM A992/A992M-06a A572/A572M GR50-04
E ASTM A709/A709M-03a GR50 (J45)
C ASTM A709/A709M-03a GR50S (J45S)
I ASTM A6/AGM-05a
F
C
A
T
I
O
N
S

S
O INFRA-METALS CORP.
L 8 PENT HIGHWAY
D WALLINGFORD, CT 06492
T
O

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH		ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					MPa	PSI		MPa	%												
1	W21 - 62.0 30' WS30 x 92.0 9.144 M	12	287287	.75	58000	77000	27					.27	.32	.15	.14	.03	.00	.021	.34		
				.74	61000	82000	26									.01	.18				
2	W21 - 62.0 35' WS30 x 92.0 10.668 M	6	287285	.76	59000	78000	25				.30	.30	.12	.12	.03	.00	.022	.35			
				.75	58000	77000	23									.01	.19				
3	W21 - 62.0 40' WS30 x 92.0 12.192 M	6	287291	.73	58000	79000	24				.34	.33	.12	.12	.03	.00	.024	.36			
				.74	59000	80000	23									.01	.19				
4	W21 - 62.0 45' WS30 x 92.0 13.716 M	9	287283	.77	59000	77000	26				.30	.30	.12	.13	.03	.00	.023	.34			
				.76	59000	78000	25									.01	.18				
5	W21 - 62.0 55' WS30 x 92.0 16.764 M	3	287160	.74	62000	84000	22				.30	.31	.11	.15	.03	.01	.024	.36			
				.76	62000	82000	22									.01	.18				
6	W21 - 62.0 55' WS30 x 92.0 16.764 M	3	287162	.74	59000	80000	22				.32	.31	.11	.12	.02	.00	.026	.34			
				.73	59000	81000	22									.01	.18				
7	W21 - 68.0 35' WS30 x 101.0 10.668 M	6	287272	.76	56000	74000	26				.29	.30	.11	.11	.03	.00	.024	.35			
				.76	58000	76000	24									.01	.18				
8	W21 - 68.0 55' WS30 x 101.0 16.764 M	1	287192	.71	52000	73000	24				.27	.29	.11	.13	.03	.00	.022	.33			
				.73	52000	71000	25									.01	.15				
9	W21 - 68.0 55' WS30 x 101.0 16.764 M	2	287194	.72	55000	76000	24				.31	.29	.12	.14	.03	.00	.024	.34			
				.73	56000	77000	24									.01	.16				

CARBON EQUIVALENT: CE = C + (Mn/6) + ((Cu+Ni)/16) + ((Cr+Mo)/5) + (B) [ASTM A992/A992M-06a]

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

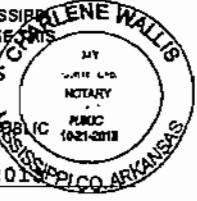
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

12 Day of 12/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

DATE 11/03/06
 INVOICE NO. 88554
 BILL OF LADING 813440
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
					YIELD STRENGTH PSI	TENSILE STRENGTH PSI	ELONG %	TEMP *F	CHARPY IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
																						MPa
1	W16 - 31.0 50' W410 x 46.1 15.240 M	1	269171	.81 .80	56000 56000	69000 70000	26 26			.06	.91	.014	.034	.25	.31	.11	.08	.03 .01	.00 .14	.016	.26	
2	W16 - 31.0 50' W410 x 46.1 15.240 M	7	284132	.79 .79	57000 58000	72000 73000	22 24			.07	.91	.016	.031	.26	.29	.11	.10	.03 .01	.00 .15	.016	.28	
3	W16 - 31.0 50' W410 x 46.1 15.240 M	1	284137	.81 .82	58000 58000	72000 71000	24 23			.08	.90	.015	.028	.27	.29	.12	.11	.03 .01	.00 .16	.016	.29	
4	W16 - 31.0 50' W410 x 46.1 15.240 M	2	284208	.78 .78	57000 57000	73000 73000	24 22			.08	.92	.028	.016	.24	.27	.10	.11	.02 .01	.00 .16	.016	.28	
5	W16 - 31.0 50' W410 x 46.1 15.240 M	16	284210	.79 .79	58000 58000	73000 73000	23 24			.08	.93	.025	.027	.24	.31	.10	.12	.03 .01	.00 .17	.015	.30	
6	W16 - 31.0 50' W410 x 46.1 15.240 M	1	284304	.80 .80	59000 59000	74000 74000	23 24			.07	.90	.025	.034	.24	.30	.11	.16	.03 .01	.00 .16	.016	.29	
7	W16 - 31.0 55' W410 x 46.1 16.764 M	11	284319	.81 .82	58000 59000	72000 72000	25 25			.08	.93	.022	.031	.23	.31	.11	.10	.03 .01	.00 .17	.017	.30	
8	W16 - 31.0 55' W410 x 46.1 16.764 M	46	284321	.81 .82	61000 59000	75000 72000	23 24			.07	1.00	.023	.035	.27	.35	.10	.10	.02 .01	.00 .16	.017	.29	
9	W16 - 31.0 55' W410 x 46.1 16.764 M	13	284324	.82 .82	63000 59000	77000 73000	24 24			.06	.92	.016	.033	.24	.30	.13	.10	.03 .01	.00 .15	.016	.27	

Carbon Equivalent: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/13) + (Nb/10) + (V/10) + (Ti/6) + (Al/5) + (Sn/10) + (Pb/10) + (Bi/10) + (As/10) + (Sb/10) + (Se/10) + (Te/10) + (Zn/10) + (Ga/10) + (In/10) + (Ag/10) + (Au/10) + (Pt/10) + (Pd/10) + (Niobium/10) + (Vanadium/10) + (Titanium/6) + (Aluminum/5) + (Tin/10) + (Lead/10) + (Bismuth/10) + (Antimony/10) + (Selenium/10) + (Tellurium/10) + (Zinc/10) + (Gallium/10) + (Indium/10) + (Silver/10) + (Gold/10) + (Platinum/10) + (Palladium/10)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 3 Day of 11/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2014



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/30/2006
 PO No: C19848
 Mill Order No: 317378
 Load No: 1078068
 Manifest No: 1793692

SHIP To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SIZE W 16 X 31# / M410 X 46.1

SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30334060

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.84	.007	.032	.22	.32	.09	.07	.013	.011	.002	.003	.008	.25

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa
52.5	362.0	
52.4	361.3	

Tensile Strength	KSI	MPa
66.3	457.1	
67.3	464.0	

Specimen Area	Sq In	Sq cm
0.430	2.77	27.4
0.416	2.68	28.4

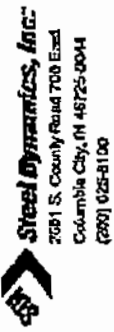
Elongation	%	Gage Length
27.4		8In 200 mm
28.4		8In 200 mm

Bend Test
 Dia. Result
 %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 16, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 27 of 41



2081 S. County Road 708 East
Columbia City, IN 46725-0044
(219) 625-8100


Certified Mill Test Report
100% Mill and/or Manufacturer's In USA

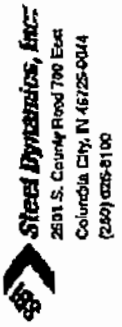
Date: 5/12/06
Customer No: 000209
Bill of Lading No: 003070359
MYR #: 000070591

Ship to:
Infra Metals-CT
8 Pant Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46859
Attn: Chris Henry 260/466-6166 cell

Item	Bundle	Section	Length	Pos	Heat #	Grade(s)	Specification(s)	Customer P.O.
1	000001620	W12X72	38' 0"	1	A011541	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
2	000002027	W14X132	36' 0"	1	A011516	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
3	000003688	W8X28	50' 0"	1	B004533	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
4	000004507	W21X101	29' 0"	1	B006329	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
5	000004511	W27X101	21' 0"	1	B008130	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
6	000004835	W12X40	53' 0"	3	A013390	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
7	000007391	W16X40	25' 5"	2	A015508	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
8	000008668	W18X35	25' 0"	1	B017740	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
9	000011240	W16X26	32' 0"	1	B017791	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
10	000012919	W10X33	42' 0"	1	B018803	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
11	000014155	W12X35	50' 0"	1	A013452	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
12	000015310	W12X58	35' 0"	1	B007585	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
13	000016329	W18X65	31' 0"	1	B025006	A992 / A992M A709 G50S/G345S A572 G50W/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

State of Indiana, County of Warrick
Special Commended Information:
I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and a qualified purchaser designated.
Signed: 
Quality Assurance
My commission expires: _____
Sworn to and subscribed before me this _____ day of _____, 2006.
Signed: _____ Notary Public



Certified MHI Test Report
100% Made and Manufactured in USA

2501 S. County Road 700 East
Columbia City, IN 46725-0044
(219) 255-8100

Date: 5/12/2015
Customer No: 000209
BIN of Loading No: 000070359
MTR #: 000007801

Ship to:
Infa Metals-CT
8 Pent Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46859
Attn: Chris Henry 268466-6166 cell

Item	Blind#	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
14	000015431	W16X40	30' 0"	1	B020872	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
15	000015821	W21X50	44' 6"	1	B020826	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
16	000016511	W16X31	32' 0"	1	B021488	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
17	000016783	W12X40	50' 0"	1	B022053	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
18	000016846	W14X120	40' 6"	1	B0110137	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
19	000016948	W18X158	30' 0"	1	B0007005	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
20	000016953	W30X90	25' 6"	1	A010382	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
21	000016929	W16X26	45' 0"	4	A001680	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
22	000016933	W12X68	50' 0"	1	B007585	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
23	000016939	W12X26	34' 0"	1	A011306	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
24	000016940	W18X158	37' 0"	1	B009005	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
26	000017308	W16X30	34' 0"	1	A012339	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
28	020722682	W12X37	23' 10"	1	B004435	A992 / A992M A709 50S/50S455 A572 50S/50S455	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

I hereby certify that the contents of this report are accurate and correct. All tests and observations performed by this metal manufacturer are in compliance with the requirements of the material specifications and applicable purchase description.

State of Indiana, County of Whitley

Signed: _____
Quality Assurance

Special Commitment Infracture:

Sworn to and subscribed before me this _____ day of _____, 2015.

Signed: _____
Notary Public

My commission expires on: _____

Special Commitment Infracture:

SHIP TO:
C. HENRY DISCOUNT STEEL
 P.O. Box 10253
 Fort Wayne, IN 46809
 Attn: Chris Henry 260468-0166 cell

SHIP IN:
 Intra Metals-CT
 6 Prud Highway
 Wallingford, CT 06492

DATE: 5/12/2008
 CUSTOMER NO: 009209
 BILL OF LADING NO: 0090075359
 MTR #: 0090076991

Steel Dynamics, Inc.
 2801 S. County Road 700 East
 Columbus City, IN 47225-0044
 (317) 625-8100

Certified Mill Test Report
 100% Mill and Manufactured in USA


PAGE 04

Item	Bundles	Section	Length	Pcs	Heat #	Graded	Specifications	Customer P.O.
27	020156151	W24X162	35' 0"	1	D005282	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
28	020254895	W27X93	20' 0"	1	B006734	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
29	020250842	W12X79	40' 6"	2	B009381	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
30	020274338	W16X120	31' 6"	2	A010249	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
31	020203575	W24X131	25' 0"	1	A010645	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
32	020302516	W24X162	25' 0"	1	A011420	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
33	020302829	W24X162	25' 0"	1	A011421	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
34	020302590	W24X162	25' 0"	1	A011421	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
35	020357708	W30X116	25' 0"	1	A012875	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
36	020364034	W24X104	25' 0"	1	A013709	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
37	020370958	W33X130	20' 0"	1	A013803	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
38	020370875	W33X130	20' 0"	1	A013803	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal
39	020412377	W16X50	35' 6"	1	A015425	A992 / A992M A709 G50S/G345S A572 G50/G345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

Special Comments/Information:

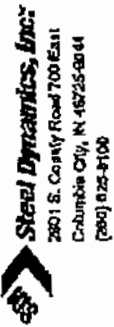
State of Indiana, County of Shelby

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this metallurgical laboratory are in compliance with the requirements of the applicable specifications and applicable purchaser designated.

Signed: 
 Quality Assurance

My commission expires _____ day of _____, 2008.

Signed: _____ Heat Mark



2801 S. Casey Road 700 East
Columbus City, N. 46725-0044
(800) 825-8108

Certified Mill Test Report
100% Mill and Manufactured in USA

Date: 5/12/2006
Customer No: 000209
Bill of Lading No: 000079359
MTR #: 000078981

Ship to:
Infra Metals-CT
B Pant Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOURT STEEL
P.O. Box 10253
Fort Wayne, IN 46866
Attn: Chris Henry 260490-6168 cell

Item	Bundle	Section	Length	Pcs	Head #	Grade(s)	Specification(s)	Customer P.O.
40	02045237	W12X120	30' 0"	1	B017428	A992 / A992M A708 g50S/g345S A572 g50S/g345	ASTM A992/A992M - 04s ASTM A708/A708M - 05 ASTM A572/A572M - 04	verbal
41	020475106	W10X28	40' 0"	2	B017448	A992 / A992M A708 g50S/g345S A572 g50S/g345	ASTM A992/A992M - 04s ASTM A708/A708M - 05 ASTM A572/A572M - 04	verbal
42	020481329	W14X120	25' 0"	1	B018074	A992 / A992M A709 g50S/g45S A572 g50S/g345	ASTM A992/A992M - 04s ASTM A709/A709M - 05 ASTM A572/A572M - 04	verbal

CHEMICAL

Item	C	Mn	P	S	Si	Cu	V	Cr	Ni	Mo	Sn	N	B	Ch	G1	CZ	PC	Analysis
1	.09	1.23	.019	.035	.22	.42	.033	.080	.12	.03	.017	.011	.0004	.00	.36	0.4000	0.1900	HEAT
2	.08	1.46	.018	.025	.21	.39	.043	.080	.10	.04	.016	.009	.0003	.00	.38	0.4200	0.1900	HEAT
3	.07	1.03	.011	.034	.30	.34	.031	.060	.09	.03	.011	.006	.0004	.00	.29	0.397	0.1571	HEAT
4	.13	1.15	.022	.018	.22	.34	.033	.110	.13	.03	.018	.008	.0004	.00	.38	0.4200	0.2200	HEAT
5	.08	1.15	.016	.021	.21	.35	.031	.080	.11	.04	.009	.009	.0003	.00	.31	0.3500	0.1600	HEAT
6	.08	1.00	.012	.030	.21	.36	.033	.100	.15	.06	.013	.012	.0003	.02	.32	0.3500	0.1700	HEAT
7	.08	1.03	.012	.030	.24	.42	.021	.070	.11	.03	.016	.010	.0003	.00	.31	0.3500	0.1700	HEAT
8	.08	.95	.012	.032	.21	.31	.003	.110	.10	.04	.014	.003	.0003	.01	.27	0.3100	0.1400	HEAT
9	.05	.88	.013	.031	.16	.44	.011	.060	.11	.05	.017	.006	.0002	.00	.22	0.2500	0.1200	HEAT
10	.06	.91	.007	.026	.27	.26	.001	.070	.11	.02	.018	.009	.0003	.02	.26	0.3000	0.1400	HEAT
11	.10	.05	.013	.025	.27	.55	.002	.108	.12	.03	.016	.007	.0002	.01	.33	0.3900	0.1900	HEAT
12	.08	1.28	.021	.035	.25	.53	.033	.110	.11	.03	.014	.009	.0004	.00	.38	0.4000	0.1900	HEAT
13	.07	1.03	.011	.043	.18	.39	.002	.070	.14	.04	.019	.009	.0003	.02	.29	0.3200	0.1500	HEAT
14	.05	.82	.014	.036	.18	.33	.002	.090	.09	.03	.013	.007	.0003	.01	.25	0.2900	0.1380	HEAT
15	.07	1.04	.012	.037	.21	.31	.032	.110	.13	.03	.016	.005	.0003	.00	.31	0.3400	0.1600	HEAT
16	.06	.74	.011	.030	.21	.37	.011	.080	.11	.03	.012	.010	.0002	.00	.24	0.2800	0.1300	HEAT
17	.08	1.02	.010	.035	.20	.27	.001	.080	.10	.03	.011	.012	.0003	.02	.28	0.3100	0.1400	HEAT
18	.15	1.34	.023	.022	.21	.52	.044	.130	.10	.04	.014	.013	.0002	.00	.56	0.4800	0.2800	HEAT
19	.11	1.41	.016	.016	.10	.31	.053	.110	.12	.04	.015	.012	.0004	.00	.41	0.4400	0.2200	HEAT
20	.08	1.14	.018	.033	.21	.37	.035	.100	.09	.05	.016	.008	.0003	.00	.33	0.3800	0.1700	HEAT
21	.05	1.05	.015	.033	.21	.25	.021	.105	.11	.05	.025	.007	.0003	.00	.28	0.3200	0.1387	HEAT

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this mill are in accordance with the requirements of the national specifications and applicable part thereof designated.

Signature:
Quality Assurance

State of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____
Signed: _____
My commission expires: _____

Special Comments/Information:



Steel Dynamics, Inc.
2001 S. County Road 700 East
Columbia City, IN 46725-9344
(766) 625-6108

Certified MHM Test Report
100% Mill and Manufactured in USA

Date: 5/12/08
Customer No: 000209
Bill of Lading No: 000078359
INTR #: 000078591

Ship to:
Indra Metals-CT
8 Point Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNT STEEL,
P.O. Box 10253
Fort Wayne, IN 46833
Attn: Chris Henry 260466-6168 cell

Item	Test	Yield (FY) Strength ksi/MPa	Tensile Strength ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	RCA (%)	Bond Test Result	Test	Temp F/C	Sample 1 #. In/In/In	Sample 2 #. In/In/In	Sample 3 #. In/In/In	% Shear	ASTM Grain Size No (per ASTM E112)				
22	.08	1.28	.021	.035	.25	.53	.073	.110	.11	.03	.014	.009	.004	.01	.38	0.4000	0.1500	HEAT
23	.06	1.02	.014	.023	.17	.41	.062	.060	.09	.03	.014	.011	.003	.01	.28	0.3100	0.1400	HEAT
24	.11	1.47	.018	.016	.19	.31	.053	.116	.12	.04	.015	.012	.004	.00	.41	0.4400	0.2200	HEAT
25	.06	1.05	.017	.021	.27	.33	.024	.100	.12	.03	.019	.010	.003	.00	.31	0.3800	0.1700	HEAT
26	.07	1.32	.018	.031	.29	.45	.042	.130	.12	.04	.015	.009	.004	.00	.37	0.4183	0.1848	HEAT
27	.07	1.24	.017	.025	.25	.45	.032	.090	.11	.04	.014	.005	.003	.00	.35	0.3803	0.1783	HEAT
28	.08	1.30	.014	.036	.22	.35	.043	.050	.08	.03	.013	.010	.003	.00	.35	0.3900	0.1500	HEAT
29	.09	1.25	.015	.023	.24	.39	.044	.110	.12	.04	.015	.010	.003	.00	.37	0.4100	0.2000	HEAT
30	.06	1.33	.017	.031	.25	.43	.045	.078	.10	.04	.016	.008	.002	.00	.35	0.3900	0.1700	HEAT
31	.09	1.29	.023	.036	.20	.38	.038	.160	.15	.04	.012	.009	.003	.00	.39	0.4280	0.2000	HEAT
32	.08	1.33	.016	.027	.25	.38	.043	.090	.12	.03	.011	.009	.003	.00	.36	0.4000	0.1800	HEAT
33	.07	1.25	.016	.028	.23	.29	.042	.080	.10	.03	.010	.011	.003	.00	.35	0.3803	0.1700	HEAT
34	.07	1.35	.016	.028	.23	.29	.042	.080	.10	.03	.010	.011	.003	.00	.35	0.3900	0.1700	HEAT
35	.08	1.22	.014	.020	.25	.29	.042	.080	.09	.02	.019	.010	.004	.00	.33	0.3700	0.1700	HEAT
36	.08	1.18	.011	.033	.24	.35	.016	.070	.11	.03	.018	.008	.004	.00	.33	0.3700	0.1700	HEAT
37	.08	1.21	.014	.037	.23	.42	.034	.110	.16	.03	.017	.013	.004	.00	.35	0.3900	0.1600	HEAT
38	.08	1.21	.014	.037	.23	.42	.034	.110	.16	.03	.017	.013	.004	.00	.35	0.3900	0.1600	HEAT
39	.07	1.25	.014	.040	.22	.40	.033	.080	.10	.03	.019	.013	.004	.00	.34	0.3800	0.1700	HEAT
40	.08	1.42	.012	.028	.25	.26	.048	.080	.13	.04	.015	.008	.004	.00	.39	0.4400	0.2000	HEAT
41	.07	.85	.008	.034	.20	.31	.012	.120	.19	.05	.013	.008	.003	.00	.27	0.3200	0.1500	HEAT
42	.07	1.33	.014	.025	.20	.34	.044	.070	.18	.03	.013	.009	.003	.00	.35	0.3900	0.1800	HEAT

MECHANICAL

Item	Test	Yield (FY) Strength ksi/MPa	Tensile Strength ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	RCA (%)	Bond Test Result	Test	Temp F/C	Sample 1 #. In/In/In	Sample 2 #. In/In/In	Sample 3 #. In/In/In	% Shear	ASTM Grain Size No (per ASTM E112)
1	1	62425	78528	.82	26			1						
1	2	64876	72487	.75	25			2						
2	1	59409	80551	.74	20			1						
2	2	58404	77532	.77	18			2						
3	1	58408	76515	.78	27			1						
3	2	58385	72484	.78	28			2						

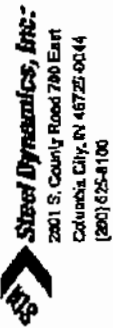
Chemical Inspection Results

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser drawings.

Signature:
Quality Assurance

State of Indiana, County of Warrick
Sworn to and subscribed before me this day of _____, 2008.
Notary Public: _____
My commission expires: _____

Special Comments/Information:



2001 S. County Road 780 East
Columbus, IN 46722-0044
(202) 625-8100

Certified Mill Test Report
100% Mill and Manufactured in USA

Date: 5/1/2008
Customer No: 000208
B/M of Lading No: 0000078358
MTR #: 0000078901

Ship to:
Intra Metals-CT
8 Pent Highway
Wallingford, CT 06492

Bill to:
C. HENRY DISCOUNT STEEL
P.O. Box 10253
Fort Wayne, IN 46839
Attn: Chris Henry 260/486-8166 cell

MECHANICAL

Tension Testing Results

Item	Test	Yield (Fy) Strength ksi/MPa	Tension (Fu) Strength ksi/MPa	Elong (%) based on 8" gauge	ROA (%)	Bond Test Result	Test	Temp F/C	Sample 1 ft. lbs/ftoules	Sample 2 ft. lbs/ftoules	Sample 3 ft. lbs/ftoules	% Shear	ASTM Grain Size No (per ASTM E112)
4	1	57281	75520	.76	18		1						
4	2	55376	74559	.74	22		2						
5	1	58069	70484	.76	20		1						
5	2	58069	73604	.79	20		2						
6	1	62124	80952	.76	25		1						
6	2	58358	80553	.70	23		2						
7	1	62359	73501	.71	27		1						
7	2	62858	71491	.73	26		2						
8	1	58388	69475	.84	26		1						
8	2	50404	70483	.84	28		2						
9	1	56363	71490	.79	25		1						
9	2	66447	76525	.86	26		2						
10	1	62126	75515	.83	27		1						
10	2	59405	72498	.82	28		2						
11	1	64440	76523	.84	27		1						
11	2	60413	77530	.76	27		2						
12	1	55382	76524	.72	24		1						
12	2	58387	78540	.74	24		2						
13	1	61419	75518	.81	27		1						
13	2	61424	74513	.82	27		2						
14	1	60410	72494	.83	27		1						
14	2	58388	71488	.82	28		2						
15	1	57292	74511	.77	26		1						
15	2	58999	74512	.78	20		2						
16	1	60414	79515	.80	28		1						
16	2	60411	74510	.81	28		2						
17	1	61421	78523	.80	25		1						
17	2	64443	78539	.82	26		2						
18	1	63435	87800	.72	22		1						

Charpy Impact Testing Results

I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this metallurgical manufacturer are in compliance with the requirements of the material specifications and applicable procedures referenced.

Signature: 
Quality Assurance

State of Indiana, County of Whitley
Sworn to and subscribed before me this _____ day of _____
Signature: Henry P. Koz
My commission expires _____

Special Comments/Information:

PO# I17319-9

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

DATE	11/14/06
INVOICE NO.	91223
BILL OF LADING	B15220
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O	INFRA-METALS CORP 8 PENT HIGHWAY TRACK # 953 WALLINGFORD, CT	06492
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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O	INFRA-METALS CORP. 8 PENT HIGHWAY WALLINGFORD, CT	06492
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ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	MPa		PSI	MPa													° F	FT-LBS
					MPa	MPa		%	° C													JOULES	
1	W14 - 22.0 30' W360 x 32.9 9.144 M	12	285218	.84	59000	70000	23			.06	.90	.014	.032	.24	.31	.13	.14	.04	.00	.016	.28		
2	W14 - 22.0 30' W360 x 32.9 9.144 M	10	285220	.82	58000	71000	23			.06	.92	.017	.035	.21	.27	.10	.10	.02	.00	.014	.25		
3	W14 - 22.0 30' W360 x 32.9 9.144 M	20	285223	.82	59000	72000	23			.07	.91	.011	.032	.30	.30	.12	.10	.03	.00	.016	.28		
4	W14 - 22.0 30' W360 x 32.9 9.144 M	28	285370	.82	63000	77000	23			.08	.95	.015	.029	.27	.34	.11	.11	.03	.00	.019	.30		
5	W14 - 22.0 35' W360 x 32.9 10.668 M	7	285344	.84	58000	69000	24			.06	.98	.013	.032	.28	.30	.12	.10	.03	.00	.017	.28		
6	W14 - 22.0 35' W360 x 32.9 10.668 M	8	285373	.82	60000	73000	25			.06	.90	.012	.036	.22	.28	.11	.11	.03	.00	.014	.27		
7	W14 - 22.0 35' W360 x 32.9 10.668 M	9	285377	.79	57000	72000	24			.05	.91	.015	.034	.22	.29	.13	.14	.03	.00	.015	.26		
8	W14 - 22.0 35' W360 x 32.9 10.668 M	18	285378	.81	60000	74000	23			.06	.97	.014	.034	.22	.29	.13	.14	.03	.00	.016	.28		
9	W14 - 22.0 40' W360 x 32.9 12.192 M	1	285216	.83	59000	71000	23			.06	.94	.014	.026	.24	.32	.13	.15	.04	.00	.017	.29		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lonnell

QUALITY ASSURANCE

CUSTOMER COPY


STATE OF ARKANSAS COUNTY OF MISSISSIPPI

SWORN TO AND SUBSCRIBED BEFORE ME

14 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6100

MILL TEST REPORT

11/18/06 4:14:34
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Ship To: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 B.O.L. #: 579274

Spec: A992-06/A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA: CSA-44W/C0.21-50V

SHIP TO: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492
 SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.
 AASHTO: M270-3(-C0)/M270-50-00
 ASME: SA-36
 ASTM: A992-06/A36-05/A572-06-50/A709-06a36/A709-06a50/A709-345M
 CSA: CSA-44W/C0.21-50V

Description	Heat#	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1		
						Ck	Pb	Mo	Al	Sn	Ca	B	M	V	Nb	Zr	Cl	Al	Cl	Al	Cl	Al
W12x14 020' 00.00' W310x28.3 015.2400m	1617574 A932-06	.81	50600	67800	29.16	.0710	.0200	.0230	.0043	.0028	.0014	.0035	.0026	.0014	.0064	.0830	.0112	.0000	.0290	.0290	.2281	.2600
			388	476	91 Piece(s)																	
W12x14 020' 00.00' W310x28.3 015.2400m	2618566 A932-06	.80	53300	66400	30.94	.0710	.0220	.0240	.0048	.0014	.0017	.0035	.0026	.0014	.0064	.0700	.0112	.0000	.0290	.0290	.2373	.2635
			368	458	33 Piece(s)																	
W12x14 020' 00.00' W310x28.3 015.2400m	1619933 A932-06	.81	54100	67200	29.61	.0690	.0260	.0260	.0065	.0020	.0007	.0020	.0021	.0021	.0070	.1490	.0118	.0000	.0430	.0430	.2358	.2768
			373	463	36 Piece(s)																	
W12x19 020' 00.00' W310x28.3 006.0960m	1617574 A932-06	.87	63700	73100	25.03	.0710	.0260	.0240	.0040	.0020	.0007	.0020	.0021	.0021	.0070	.0750	.0290	.0000	.0290	.0290	.2431	.2856
			436	504	24 Piece(s)																	
W12x19 020' 00.00' W310x28.3 006.0960m	1617980 A932-06	.81	62800	72200	24.54	.0670	.0310	.0230	.0019	.0017	.0005	.0021	.0021	.0021	.0070	.0690	.0255	.0000	.0280	.0280	.2293	.2580
			433	498	8 Piece(s)																	

FROM: NUCOR STEEL HUGER

Welding: No Weld Repair was performed.

CE1 = C+((Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 CE2 = C+((Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15))

State of South Carolina
 County of Berkeley
 Bruce A. Work
 Sworn and subscribed before me
 _____ day of _____

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

PO# T17319-10

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219611
Load No: 1077793
Manifest No: 1793636

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FRIUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT 06492

CT WALLINGFORD
US 06492

PRODUCT
WF BEAMS

LENGTH
30 FT / 9.144 M

GRADE
992/572-50

SIZE
M 16 X 26# / M410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	AL	Nb	CE
.08	.90	.011	.030	.21	.33	.10	.09	.018	.014	.001	.000	.010	.28

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength
KSI	MPa
56.7	390.9
55.3	381.3

Specimen Area	Elongation
Sq In	%
0.367	28.0
0.367	27.3

Bend Test	ROA
Dia. Result	%
8In 200 mm	
8In 200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.3

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 15, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE: 12/05/06
 INVOICE NO: 97796
 BILL OF LADING: 818871
 CUSTOMER NO: 7717
 CUSTOMER P.O: C20360

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

SHIP TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 TRACE# 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SPECIAL CONDITIONS:
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI	%														
					MPa	MPa	%														
1	W30 -108.0 30' W760 x161.0 9.144 M	3	286337	.80	61000	76000	25			.08	1.32	.011	.023	.23	.31	.09	.09	.03	.00	.022	.35
2	W30 -108.0 35' W760 x161.0 10.668 M	3	286250	.79	58000	73000	24			.08	1.33	.017	.020	.20	.29	.09	.13	.02	.00	.021	.36
3	W30 -116.0 30' W760 x173.0 9.144 M	3	286610	.78	57000	73000	25			.08	1.32	.017	.021	.23	.34	.10	.10	.02	.00	.019	.35
4	W30 -116.0 40' W760 x173.0 12.192 M	3	286507	.79	59000	75000	25			.07	1.32	.015	.019	.24	.34	.08	.08	.02	.00	.020	.34
5	W30 -116.0 50' W760 x173.0 15.240 M	3	286587	.78	59000	76000	25			.07	1.34	.012	.023	.25	.32	.09	.09	.02	.00	.022	.34
6	W30 -116.0 55' W760 x173.0 16.764 M	2	286627	.76	57000	75000	27			.07	1.31	.016	.020	.21	.32	.09	.14	.02	.00	.019	.35
7	W30 -116.0 55' W760 x173.0 16.764 M	1	286629	.76	59000	78000	24			.08	1.34	.017	.024	.18	.32	.12	.12	.03	.00	.019	.36
8	W30 -116.0 60' W760 x173.0 18.288 M	3	286612	.77	57000	74000	26			.07	1.31	.015	.021	.23	.30	.09	.09	.02	.00	.019	.34
9	W30 -116.0 65' W760 x173.0 19.812 M	3	286639	.75	58000	77000	24			.08	1.38	.021	.024	.21	.30	.09	.11	.02	.00	.020	.37

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

5 Day of 12/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2010

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 10/23/2006
PC No: C20706
Mill Order No: 3207955
Lead No: 1067341
Manifest No: 1783879

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT US 06492
CT US 06492

PRODUCT
WF BEAMS

LENGTH
60 FT / 18.288 M

GRADE
992/572-50

SIZE
W 30 X 90# / W760 X 134

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30374430

CHEMICAL ANALYSIS

C	Ma	F	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.20	.011	.032	.22	.31	.09	.07	.018	.016	.001	.002	.020	.32

PHYSICAL PROPERTIES

Yield Strength	MPa	Tensile Strength	MPa	Specimen Area	Sq cm	Elongation	%	Gage Length	mm	Bend Test	ROA
55.2	380.6	68.2	470.2	0.938	6.05	24.5	81n	200	200	Result	%
55.2	380.6	69.4	478.5	0.973	6.28	23.1	81n	200	200		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 29, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 38 of 38

DATE: 12/07/06
 INVOICE NO.: 98742
 BILL OF LADING: 819616
 CUSTOMER NO.: 9310
 CUSTOMER P.O.: C20089

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

S H I P T O:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S P E C I F I C A T I O N S:
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/AGM 05a

S O L D T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAVY #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa			PSI	MPa												
1	W27 -161.0 45' W690 x240.0 13.716 M	1	286810	.76	56000	74000	26				.08	1.33	.017	.023	.24	.29	.10	.11	.03	.00	.019	.36
				.75	56000	75000	25												.01	.18		
					386	510	26															
					386	517	25															
2	W27 -161.0 45' W690 x240.0 13.716 M	1	286829	.76	55000	72000	26				.07	1.31	.023	.016	.18	.27	.09	.11	.03	.00	.020	.34
				.76	55000	72000	26												.01	.17		
					379	496	26															
					379	496	26															
3	W27 -161.0 50' W690 x240.0 15.240 M	3	286831	.75	55000	73000	26				.08	1.30	.025	.017	.21	.31	.10	.14	.02	.00	.019	.36
				.73	54000	74000	26												.01	.19		
					379	503	26															
					372	510	26															
4	W27 -161.0 60' W690 x240.0 18.288 M	2	286805	.77	57000	74000	25				.08	1.30	.018	.023	.21	.32	.10	.12	.03	.00	.019	.36
				.77	56000	73000	25												.01	.19		
					393	510	25															
					386	503	25															
5	W27 -178.0 50' W690 x265.0 15.240 M	1	286677	.77	55000	71000	26				.07	1.30	.021	.025	.20	.33	.10	.15	.03	.00	.020	.36
				.76	55000	72000	27												.01	.18		
					379	490	26															
					379	496	27															

CARBON EQUIVALENT: CE = C(Mn) + C + Ni/4 + (Cr+Mo+V)5 + (B)(Cr)15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

7

Day of

12/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES

10/21/2011

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164672
Load No: 1078552
Manifest No: 1788783

Ship To: 1
INFRA-METALS CORPORATION-CT & INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT BNY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE 992/572-50
LENGTH 65 FT / 19.812 M
PRODUCT WF BEAMS

SIZE W 27 X 84# / M690 X 125
SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329050

PHYSICAL PROPERTIES

Yield Strength KSI 57.5 58.6
Tensile Strength KSI 73.8 76.3
Elongation % 26.0 22.3
Specimen Area Sq cm 6.35 6.21
Gage Length 81a 200 mm 81a 200 mm
Hard Test Dia. Result ROA %

CHEMICAL ANALYSIS

C 0.09 Mn 1.20 P 0.017 S 0.033 Si 0.25 Cu 0.44 Ni 0.11 Cr 0.11 Mo 0.017 Sn 0.014 V 0.001 Al 0.000 CE 0.35

PHYSICAL PROPERTIES

Yield Strength MPa 396.4 404.0
Tensile Strength MPa 508.8 526.1
Elongation % 26.0 22.3
Specimen Area Sq cm 6.35 6.21
Gage Length 81a 200 mm 81a 200 mm
Hard Test Dia. Result ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 22, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

Page: 9 of 25

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mall Order No: 3164662
Load No: 1072977
Manifest No: 1789438

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT 06492

CT US
CT US
GRADE 992/572-50
LENGTH 35 FT / 10.668 M
PRODUCT WF BEAMS

SIZE W 27 X 84# / M690 X 125

GRADE 992/572-50

LENGTH 35 FT / 10.668 M

PRODUCT WF BEAMS

SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329020

CHEMICAL ANALYSIS													
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.19	.011	.030	.22	.43	.10	.11	.016	.015	.001	.000	.019	.33

PHYSICAL PROPERTIES				Elongation				Bend Test		ROA
Yield Strength	Tensile Strength	Specimen Area	Specimen Area	%	%	8In	8In	Result	Result	%
KSI	KSI	Sq In	Sq cm			mm	mm			
54.0	67.7	1.099	7.09	28.1	8In	200 mm				
54.9	69.1	1.094	7.06	27.3	8In	200 mm				

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 27, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 17 of 32

DATE 12/12/06
 INVOICE NO 100285
 BILL OF LADING 810586
 CUSTOMER NO 9310
 CUSTOMER P.O. C19904

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa	%	° F	FT-LS	JOLLES									
1	W21 - 62.0 30' W530 x 92.0 9.144 M	12	287287	.75	58000	77000	27			.08	1.21	.017	.031	.27	.32	.15	.14	.03	.00	.021	.34
2	W21 - 62.0 35' W530 x 92.0 10.668 M	6	287285	.76	59000	78000	25			.09	1.20	.019	.028	.30	.30	.12	.12	.03	.00	.022	.35
3	W21 - 62.0 40' W530 x 92.0 12.192 M	6	287291	.73	58000	79000	24			.09	1.25	.017	.031	.34	.33	.12	.12	.03	.00	.024	.36
4	W21 - 62.0 45' W530 x 92.0 13.716 M	9	287283	.77	59000	77000	26			.08	1.20	.023	.033	.30	.30	.12	.13	.03	.00	.023	.34
5	W21 - 62.0 55' W530 x 92.0 16.764 M	3	287160	.74	62000	84000	22			.08	1.24	.024	.035	.30	.31	.11	.15	.03	.01	.024	.36
6	W21 - 62.0 55' W530 x 92.0 16.764 M	3	287162	.74	59000	80000	22			.08	1.22	.019	.026	.32	.31	.11	.12	.02	.00	.026	.34
7	W21 - 68.0 35' W530 x101.0 10.668 M	6	287272	.76	56000	74000	26			.08	1.28	.026	.039	.29	.30	.11	.11	.03	.00	.024	.35
8	W21 - 68.0 55' W530 x101.0 16.764 M	1	287192	.71	52000	73000	24			.06	1.26	.026	.038	.27	.29	.11	.13	.03	.00	.022	.33
9	W21 - 68.0 55' W530 x101.0 16.764 M	2	287194	.72	55000	76000	24			.07	1.28	.024	.022	.31	.29	.12	.14	.03	.00	.024	.34

CARBON EQUIVALENT: CE = (C) + (Mn)/6 + (Cr)/5 + (Ni)/15 + (Cu)/13

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

12 Day of 12/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164451
 Load No: 1074369
 Manifest No: 1789778

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PÆUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 21 X 44# / W530 X 66

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30329610

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	Ce
.08	1.01	.012	.034	.18	.32	.09	.08	.015	.015	.001	.000	.019	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
56.0	70.6	486.8	0.669	4.32	23.4	8In	200 mm	
57.6	70.1	483.3	0.681	4.39	24.8	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Nov. 28, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 20 of 51

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164451
 Load No: 1074369
 Manifest No: 1789778

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT WALLINGFORD CT
 06492 US 06492 US

GRADE 992/572-50
 LENGTH 35 FT / 10.668 M
 PRODUCT WF BEAMS

SIZE W 21 X 44# / W530 X 66
 SPECIFICATION ASTM A6-05a, A992-06a, A572-06
 HEAT NO: 30329630

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CE
.07	1.04	.013	.035	.23	.33	.09	.08	.015	.016	.001	.000	.020	.29

PHYSICAL PROPERTIES

Yield Strength	KSI	Tensile Strength	MPa	Specimen Area	Sq cm	Elongation	%	Gage Length		Head Test		ROA	%
54.9	378.5	69.1	476.4	0.738	4.76	29.6		200 mm		Bia	200 mm		
53.7	370.2	68.1	469.5	0.739	4.77	27.9		200 mm		Bin	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 22 of 51

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Hard Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172378
Load No: A078068
Manifest No: 1793692

Ship To: 1
INFRA-METALS CORPORATION-CT R IMPRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO & PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 16 X 31# / W410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30334110

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.89	.009	.026	.21	.36	.09	.09	.017	.016	.000	.000	.011	.28

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Speciman Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
58.5	72.2	0.420	25.8	8In	
58.3	72.7	0.419	25.6	8In	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 16, 2006 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 29 of 41

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO & PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT US 06492
WALLINGFORD CT US 06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
56.2	69.4	0.385	26.3	8In	200 mm
56.0	70.5	0.377	26.6	8In	200 mm
				2.48	
				2.43	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.3

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 776-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172373
Load No: 1077789
Manifest No: 1792852

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE
992/572-50

LENGTH
45 FT / 13.716 M

SIZE
W 16 X 26# / W410 X 38.8

PRODUCT
WF BEAMS

SPECIFICATION
ASTM A6-05a, A592-06a, A572-06

HEAT NO: 30333970

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	Ce
.07	.82	.009	.028	.17	.35	.10	.09	.023	.015	.000	.000	.009	.26

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	MPa	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
55.8	70.1	384.7	0.372	483.3	29.4	81n	200 mm	
55.6	69.4	393.3	0.363	478.5	25.9	81n	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 13, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/16/2006
PO No: C19824
Mill Order No: 3164051
Lead No: 1064198
Manifest No: 1780248

Ship To: 1
INTRA-METALS CORPORATION-CT, R INTRA-METALS CORPORATION-CT
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE 992/572-50
LENGTH 55 FT / 16.764 M
PRODUCT WF BEAMS

SIZE W 14 X 132# / W360 X 196

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30316590

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.22	.013	.036	.24	.36	.10	.09	.018	.013	.001	.002	.020	.35

PHYSICAL PROPERTIES

Yield Strength KSI	51.5	355.1
	51.1	352.3

Tensile Strength KSI	72.5	499.9
	72.3	498.5

Specimen Area Sq In	1.537	9.92
	1.523	9.83

Elongation %	25.4	8In
	24.9	8In

Bend Test Dia. Result	200 mm
	200 mm

ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTX complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 11, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE 11/14/06
 INVOICE NO. 91225
 BILL OF LADING 815222
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H INFRA-METALS CORP
 I 8 PENT HIGHWAY
 P TRACK # 953
 T WALLINGFORD, CT 06492

S
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S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S
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O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Co	CE
					PSI	MPa		PSI	%												
1	W14 - 22.0	4	285218	.84	59000	70000	23			.06	.90	.014	.032	.24	.31	.13	.14	.04	.001	.016	.28
	.85			60000	71000	23															
	W360 x 32.9			407	483	23															
2	W14 - 22.0	56	285220	.82	59000	71000	23			.06	.92	.017	.035	.21	.27	.10	.10	.02	.00	.014	.25
	.82			59000	72000	23															
	W360 x 32.9			400	490	23															
3	W14 - 22.0	8	285223	.82	59000	72000	25			.07	.91	.011	.032	.30	.30	.12	.10	.03	.00	.016	.28
	.83			59000	71000	24															
	W360 x 32.9			407	496	23															
4	W14 - 22.0	2	285403	.83	59000	71000	24			.06	.90	.015	.028	.25	.25	.10	.12	.02	.00	.017	.26
	.83			60000	72000	24															
	W360 x 32.9			407	490	24															
5	W14 - 22.0	11	285341	.83	59000	71000	24			.08	.95	.017	.036	.25	.31	.14	.13	.03	.00	.017	.30
	.85			60000	71000	23															
	W360 x 32.9			407	490	24															
6	W14 - 22.0	17	285344	.84	58000	69000	24			.06	.98	.013	.032	.28	.30	.12	.10	.03	.00	.017	.28
	.83			58000	70000	24															
	W360 x 32.9			400	476	24															
7	W14 - 22.0	4	285296	.85	60000	71000	23			.07	.90	.018	.038	.26	.35	.14	.14	.03	.00	.016	.28
	.84			57000	68000	21															
	W360 x 32.9			414	490	23															
8	W14 - 22.0	66	285298	.83	60000	72000	24			.07	.92	.015	.036	.26	.34	.13	.13	.03	.00	.015	.28
	.83			60000	72000	24															
	W360 x 32.9			414	496	24															
9	W14 - 22.0	14	285301	.81	59000	73000	22			.06	.92	.013	.036	.27	.35	.11	.11	.03	.00	.016	.27
	.82			62000	76000	23															
	W360 x 32.9			407	503	22															

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/13)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

 QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

14 Day of 11/06
Charlene Wallis
 NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
.76065-9651
(972) 775-8241

Order Date: 11/01/2006
PO No: C20717
Mill Order No: 3214040
Load No: 1080970
Manifest No: 1795756

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
TRACK# 953
WALLINGFORD CT
US 06492

CT DS
GRADE 992/572-50
LENGTH 40 FT / 12.192 M
PRODUCT MF BEAMS

SIZE W 12 X 72# / W310 X 107

SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30335810

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.14	.011	.028	.19	.36	.10	.05	.015	.011	.003	.003	.019	.32

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPA	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
54.8	73.3	505.4	1.021	6.59	26.9	8In	200 mm	
54.1	73.5	506.8	1.062	6.85	27.1	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Jan. 03, 2007 Signed: *Tom L. Harrington* Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 13 of 18

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6003

MILL TEST REPORT

11/18/06 4:14:33
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CT
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 8 PENN HIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 B.O.I. No.: 579274

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M and A370.

ASME : SA-36
 ASTM : A992-06 / A36-05 / A572-06-50 / A709-06 A36 / A709-06 A50 / A709-06 A36M
 CSA : CSA-44W / C40.21-50M

HUGER

Description	Heath Grade(s) Test	Yield/ Tensile Ratio	Yield Tensile (PSI) (MPa)	Elong (%)	C Pb	Mn Ti	P S	S B	Si V	Cu Ni Zr	Al B	Nb Ti	N CI	CE1 CE2 Pcm
W12x14 050' 00.00' W310x28.3 015.2400m	1614543 A992-06	.81	54600 67800 376 467	29.16	.0710 .0200 .0048	.8430 .0230 .0015	.0108 .0043 .0020	.0326 .0035 .0014	.1700 .0226 .0064	.0830 .0112 .0000	.0290 .0290 Inv#:	.2281 .2600 .1334		
W12x14 050' 00.00' W310x28.3 015.2400m	2614546 A992-06	.80	53300 66400 368 458	30.94	.0710 .0220 .0114	.8990 .0240 .0014	.0123 .0048 .0000	.0240 .0014 .0017	.1550 .0043 .0073	.0700 .0115 .0000	.0290 .0290 Inv#:	.2373 .2655 .1355		
W12x14 050' 00.00' W310x28.3 015.2400m	1614533 A992-06	.81	54100 67200 373 463	29.61	.0690 .0260 .0020	.8590 .0260 .0014	.0064 .0065 .0005	.0253 .0028 .0007	.2320 .0021 .0070	.1490 .0118 .0000	.0430 3.7393 Inv#:	.2358 .2768 .1345		
W12x19 020' 00.00' W310x28.3 006.0960m	1617574 A992-06	.87	63700 73100 439 504	25.03	.0710 .0260 .0080	.9250 .0240 .0020	.0100 .0040 .0007	.0270 .0000 .0002	.2300 .0030 .0062	.0750 .0290 .0000	.0290 2.3888 Inv#:	.2431 .2836 .1330		
W12x19 020' 00.00' W310x28.3 006.0960m	1617580 A992-06	.87	62800 72200 433 498	24.54	.0670 .0310 .0045	.8650 .0230 .0019	.0211 .0032 .0017	.0271 .0018 .0005	.2020 .0041 .0077	.0690 .0235 .0000	.0280 2.4277 Inv#:	.2293 .2580 .1268		

Elongation based on 3" (20.32cm) gauge length. 'No Weld Repair' was performed.
 CE1 = C+((Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 CE2 = C+((Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 Pcm = C+((Si/30)+((Mn/20)+((Ni/60)+((Cr/20)+((Mo/15)+((V/10)+B)))))

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce R. Work
 Metallurgist
 State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____

HUGER

FROM: NUCOR STEEL

120909794280

14:15 11-18

Atlas Tube Inc.
200 Clark St.
Harrow, Ontario, Canada
NOR 1G0
Tel: 519-738-3541
Fax: 519-738-3537

Ref.B/L: 80216628
Date: 11.27.2006
Customer: 81



MATERIAL TEST REPORT

Sold to

Infra-Metals Corporation
8 Pent Highway
WALLINGFORD CT 06492
USA

Shipped to

Infra-Metals Corporation (Rail
Track #953 - 8 Pent Highway
WALLINGFORD CT 06492
USA

Material: 7.0x7.0x500x35"0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made In: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391554	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x500x30"0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made In: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391553	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x500x40"0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made In: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391562	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x500x60"0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made In: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8291E	0.200	0.830	0.007	0.007	0.020	0.024	0.040	0.000	0.010	0.020	0.020	0.000

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391557	080200 Psi	075020 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Authorized by Quality Assurance: _____



Atlas Tube Canada ULC
 200 Clark St.
 Harrow, Ontario, Canada
 NOR 1G0
 Tel: 519-738-3541
 Fax: 519-738-3537

Ref.B/L: 80220038
 Date: 12.21.2008
 Customer: 81



MATERIAL TEST REPORT

Sold to

Infra-Metals Corporation
 B Pent Highway
 WALLINGFORD CT 06492
 USA

Shipped to

Infra-Metals Corporation (Rail
 Track #953 - 8 Pent Highway
 WALLINGFORD CT 06492
 USA

Material: 5.0x5.0x500x48"0"0(4x1).
 Sales order: 263000

Material No: 500505004800
 Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
5176E	0.210	0.820	0.009	0.007	0.010	0.027	0.020	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M10057809Z	065180 Psi	075180 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
 Sales Or.Note:

Material: 6.0x6.0x375x40"0"0(3x2).
 Sales order: 263372

Material No: 600603754000
 Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0128031	0.210	1.060	0.011	0.008	0.150	0.050	0.000	0.000	0.000	0.000	0.000	0.000

Bundle No	Yield	Tensile	Eln.2in	Certification
M100467080	089820 Psi	081190 Psi	28.8 %	ASTM A500-03A GRADE C & B

Material Note:
 Sales Or.Note:

Material: 6.0x6.0x375x40"0"0(3x2).
 Sales order: 263372

Material No: 600603754000
 Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
9609D	0.210	0.840	0.008	0.005	0.020	0.026	0.020	0.000	0.010	0.010	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M100467060	055350 Psi	078510 Psi	28.4 %	ASTM A500-03A GRADE C & B

Material Note:
 Sales Or.Note:

Material: 6.0x6.0x375x40"0"0(3x2).
 Sales order: 263372

Material No: 600603754000
 Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
477925	0.200	0.800	0.009	0.004	0.160	0.059	0.020	0.006	0.002	0.008	0.042	0.000

Bundle No	Yield	Tensile	Eln.2in	Certification
M100574324	083440 Psi	071880 Psi	32.6 %	ASTM A500-03A GRADE C & B

Material Note:
 Sales Or.Note:

Authorized by Quality Assurance:



NOVA TUBE AND STEEL CORPORATION
 600 Dean Sievers Place
 Morrisville, PA, 19067
 Tel: 215-295-8813 Fax: 215-295-8798

TEST CERTIFICATE

Sold to: INFRA-METALS CORP. DATE SHIPPED: 01/02/07
 Ship to: INFRA-METALS CORP. S/L #: 146550
 B PENT HIGHWAY P.O. #: C20546NF
 WALLINGFORD, CONNECTICUT SALES ORDER #: 124783

05492

sOp12h10v0s0b3T

Description	Dimensions	Pcs	Ni/Heat Number	Specifications
	<i>7044x40</i>			
HSS Square Tubing	4x4x0.250x480	36	STE /891174	ASTM A 500 B/C
HSS Square Tubing	4x4x0.250x480	36	STE /746416	ASTM A 500 B/C

sOp15h12v0s0b3T

Heat Number	Chemical Analysis															
	C	Mn	P	S	Si	Cu	Ni	Cr	Cb	Mo	V	Al	N	Sn	B	Ti
STE/891174	0.190	0.810	0.015	0.007	0.012	0.050	0.018	0.036	0.005	0.002	0.002	0.048	-	-	-	-
STE/746416	0.190	0.750	0.011	0.004	0.009	0.035	0.011	2.030	0.006	0.003	-	0.038	-	-	-	0.002

sOp10h12v0s0b3T

Mechanical Test Results				
Heat Number/Size	Yield Strength	Tensile Strength	Elong. %	Hardness
STE/891174 4x4x0.250	68,585	72,867	29.00	
STE/746416 4x4x0.250	63,069	74,926	27.00	

Heat # Manufactured in
 STE /891174 United States
 STE /746416 United States

WFF 11214-12

Bill To: TERESA-METALLS CORPORATION-CT R INFERA-METALLS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRAC# 953
 MALLINGFORD CT MALLINGFORD
 06492 US 06492

Ship To: 1
 Order Date: 11/07/2006
 PO No: C20725
 Mill Order No: 3228611
 Load No: 1077793
 Manifest No: 1793616

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

SIZE W 16 X 26 1/2 / M410 X 38.8
 GRADE 992/572-50
 LENGTH 30 FT / 9.144 M
 PRODUCT WF BEAMS

HEAT NO: 30333950
 CHEMICAL ANALYSIS

C	.08	Mn	.90	P	.011	S	.030	Si	.21	Cu	.33	Ni	.10	Cr	.09	Mo	.018	Sn	.014	V	.001	Al	.000	Mb	.010	CE	.28
---	-----	----	-----	---	------	---	------	----	-----	----	-----	----	-----	----	-----	----	------	----	------	---	------	----	------	----	------	----	-----

PHYSICAL PROPERTIES

Yield Strength	KSI	MPa	Tensile Strength	KSI	MPa	Specimen Area	Sq In	Sq cm	Elongation	%	Gage Length	8In	200 mm	Bend Test	Dia. Result	ROA	%
56.7		390.9	71.2		490.9	0.367		2.37	28.0		8In	200 mm					
55.3		381.3	69.6		479.9	0.367		2.37	27.3		8In	200 mm					

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 15, 2006 Signed: _____
 Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Date: _____
 Page: 9 of 16

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT

Order Date: 11/15/2005
 PO No: C18337
 Mill Order No: 3044653
 Load No: 992766
 Manifest No: 1713424

SHIP TO: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492

CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76085-9651
 (972) 775-8241

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 24 X 68# / W610 X 101

SPECIFICATION
 ASTM A6-05a, A992-04a, A572-04

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.17	.009	.036	.24	.38	.10	.07	.015	.011	.003	.003	.018	.32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia, Result	%
58.4	75.5	0.931	25.3	8in	200 mm
59.0	74.7	0.931	25.1	8in	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTX complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 30, 2005 signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 27 of 29

DATE 7/13/06
 INVOICE NO. 58628
 BILL OF LADING 794220
 CUSTOMER NO 9310
 CUSTOMER P.O. C13679

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK W 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

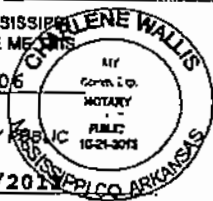
ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	TENSILE STRENGTH		ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI		%	TEMP													IMPACT ENERGY	
					MPa	MPa		%	°F													FT-LBS	
1	W24 - 62.0 35' W610 x 92.0 10.668 M	3	277862	.71	50000	70000	25				.08	1.14	.018	.036	.26	.32	.12	.12	.04	.01	.017	.33	
				.72	51000	71000	25												.01	.18			
					345	483	25																
					352	490	25																
2	W24 - 62.0 35' W610 x 92.0 10.668 M	3	278077	.74	50000	68000	28				.07	1.06	.022	.035	.23	.30	.11	.13	.03	.01	.015	.31	
				.74	50000	68000	24												.01	.16			
					345	469	28																
					345	469	24																
3	W24 - 62.0 35' W610 x 92.0 10.668 M	6	278080	.74	51000	69000	26				.09	1.17	.024	.039	.35	.33	.11	.11	.03	.01	.014	.35	
				.74	50000	68000	25												.01	.19			
					352	476	26																
					345	469	25																
4	W24 - 62.0 40' W610 x 92.0 12.192 M	3	278094	.72	51000	71000	24				.07	1.10	.021	.037	.30	.41	.14	.12	.03	.01	.017	.32	
				.71	52000	73000	24												.01	.17			
					352	490	24																
					359	503	24																

FORM 10-11-06 (C) 2006 NUCOR YAMATO STEEL CO. CARBON EQUIVALENT: CE = C + Mn/6 + (Cr + Mo)/5 + (Ni + Cu)/15

ELONGATION BASED ON 8.00 INCH GUAGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 13 Day of 07/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2011



DATE	7/05/06
INVOICE NO	56546
BILL OF LADING	792910
CUSTOMER NO.	7717
CUSTOMER P.O.	\$B19340PP

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72318

S
H INFRA-METALS CORP.
I 8 PENT HIGHWAY
P TRACK# 953
T WALLINGFORD, CT 06492
O

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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:
ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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:
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES																				
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE									
					PSI	PSI		%	TEMP													IMPACT ENERGY								
					MPa	MPa		%	°F													FT-LBS								
1	W24 - 62.0 35' W610 x 92.0 10.668 M	3	278002	.73	56000	77000	24												.06	1.11	.029	.034	.26	.31	.10	.14	.03	.01	.017	.32
				.74	56000	76000	25																				.01	.16		
					386	531	24																							
					386	524	25																							
2	W24 - 62.0 45' W610 x 92.0 13.716 M	3	278042	.77	58000	75000	26												.08	1.13	.019	.036	.32	.33	.13	.14	.04	.01	.017	.34
				.76	56000	74000	27																				.01	.18		
					400	517	26																							
					386	510	27																							

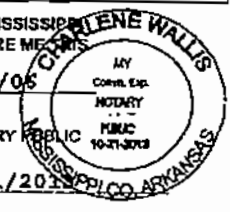
$\text{C} = \text{Mn} + (\text{C} - \text{Mn}) \times 0.00075 + 0.00075$

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME
5 Day of 07/05
Charlene Wallis
NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2013



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
 PO No: C19824
 Hill Order No: 3164481
 Load No: 1068599
 Manifest No: 1784393

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT US 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 24 X 55# / W610 X 82

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30325640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.0	70.9	0.814	23.1	8In	200 mm
56.5	72.1	0.822	24.1	8In	200 mm
		5.25			
		5.30			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTB complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov, 01, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager Page: 34 of 35

DATE 12/19/06
 INVOICE NO 102405
 BILL OF LADING 821954
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19904

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG.	CHARPY IMPACT TEMP °F	IMPACT ENERGY FT-LBS	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI	%															°C	MPa
1	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287653	.79	58000	73000	24					.08	1.12	.016	.037	.32	.28	.11	.12	.03	.00	.022	.33
2	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287694	.78	58000	74000	25					.08	1.10	.014	.036	.33	.30	.12	.13	.03	.00	.020	.32
3	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287707	.75	55000	73000	24					.08	1.10	.022	.034	.29	.28	.10	.15	.03	.00	.016	.33
4	W21 - 44.0 35' W530 x 66.0 10.668 M	1	287709	.76	57000	75000	24					.09	1.11	.020	.034	.34	.25	.09	.14	.02	.00	.017	.33
5	W21 - 44.0 35' W530 x 66.0 10.668 M	2	287713	.75	54000	71000	25					.07	1.10	.023	.039	.27	.30	.11	.14	.02	.00	.015	.31
6	W21 - 44.0 45' W530 x 66.0 13.716 M	1	287332	.78	58000	74000	23					.08	1.15	.024	.032	.27	.30	.11	.11	.03	.00	.023	.33
7	W21 - 44.0 45' W530 x 66.0 13.716 M	3	287594	.75	58000	77000	24					.08	1.13	.027	.036	.29	.29	.11	.16	.03	.00	.015	.34
8	W21 - 44.0 45' W530 x 66.0 13.716 M	19	287596	.77	60000	78000	25					.07	1.15	.026	.029	.28	.30	.12	.16	.03	.00	.018	.33
9	W21 - 44.0 45' W530 x 66.0 13.716 M	2	287597	.76	57000	75000	24					.08	1.15	.027	.039	.30	.30	.10	.19	.02	.00	.019	.34

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Connell

QUALITY ASSURANCE

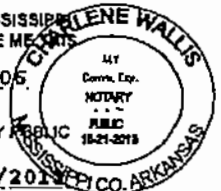
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

19 Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2014



DATE	8/26/06
INVOICE NO.	70190
BILL OF LADING	801752
CUSTOMER NO.	9310
CUSTOMER P O	P C18841 FF

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72315

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP. 8 PENT HIGHWAY TRACK # 953 WALLINGFORD, CT 06492
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ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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INFRA-METALS CORP. 8 PENT HIGHWAY WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES														
				YIELD TO FENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	Cb	CE		
					PSI	PSI		%	TEMP													IMPACT ENERGY	Sn
1	W18 - 50.0 45' W460 x 74.0 13.716 M	1	257832	.76	55000	72000	24					.07	1.13	.016	.022	.28	.30	.11	.09	.03	.01	.024	.32
2	W18 - 50.0 45' W460 x 74.0 13.716 M	4	280128	.75	57000	76000	25					.08	1.11	.025	.032	.27	.33	.09	.12	.03	.01	.022	.33
3	W18 - 50.0 45' W460 x 74.0 13.716 M	4	280494	.73	55000	75000	24					.07	1.19	.018	.033	.30	.33	.11	.13	.03	.01	.023	.33
4	W18 - 55.0 30' W460 x 82.0 9.144 M	9	280626	.74	50000	68000	27					.06	1.11	.013	.023	.29	.31	.13	.10	.04	.01	.018	.31
5	W18 - 60.0 30' W460 x 89.0 9.144 M	2	280688	.72	54000	75000	25					.09	1.14	.023	.036	.26	.33	.12	.16	.03	.01	.023	.35
6	W18 - 60.0 30' W460 x 89.0 9.144 M	1	280702	.76	56000	74000	26					.08	1.20	.018	.027	.27	.30	.12	.11	.03	.01	.026	.34
7	W18 - 60.0 30' W460 x 89.0 9.144 M	6	280704	.76	56000	74000	25					.08	1.11	.018	.034	.25	.30	.13	.11	.03	.01	.022	.33
8	W18 - 60.0 35' W460 x 89.0 10.668 M	9	280700	.75	55000	73000	26					.06	1.10	.015	.036	.30	.32	.13	.10	.03	.01	.024	.30
9	W18 - 60.0 45' W460 x 89.0 13.716 M	3	280698	.76	56000	74000	26					.05	1.10	.016	.028	.26	.33	.13	.11	.03	.01	.024	.29

CARBON EQUIVALENT (CE) = C + Mn/6 + (Cr+Mo)/5 + (Ni+Cu)/3

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell

 QUALITY ASSURANCE

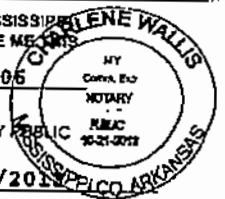
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

28 Day of 08/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2012



CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Ward Rd.
 Midlothian, TX
 76065-9651
 (972) 775-8241

Order Date: 06/19/2006
 PC No: C19824
 Mill Order No: 3164373
 Load No: 1075646
 Manifest No: 1791534

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV PREUSSAC INTERNATIONAL CO B PENT HIGHWAY
 8 PENT HWY
 WALLINGFORD CT US 06492
 WALLINGFORD CT US 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 18 X 35# / M460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331900

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	.99	.011	.037	.24	.34	.09	.08	.016	.017	.001	.000	.019	.28

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
54.7	70.0	0.705	26.9	8In	200 mm	
54.3	69.7	0.706	24.8	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CKTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: _____ Date: _____
 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 16 of 19

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164373
 Load No: 1075646
 Manifest No: 1791534

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAC INTERNATIONAL CD 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492

Bill To:
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAC INTERNATIONAL CD 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD CT 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 H 18 X 35# / W460 X 52

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331580

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sr	V	Al	Mb	CE
.07	.94	.010	.032	.20	.35	.09	.07	.024	.017	.000	.000	.017	.27

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Band Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
51.0	65.0	0.708	25.6	8In	200 mm
53.5	69.3	0.711	24.3	8In	200 mm
	448.2	4.57			
	477.8	4.59			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172378
Load No: 1078068
Manifest No: 1793692

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
TRACK# 953
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 31# / H410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30334060

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Sn	Al	Nb	CE
.07	.84	.007	.032	.22	.32	.09	.07	.013	.002	.011	.003	.008	.25

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Elongation %	Gage Length	Band Test Dia. Result	ROA %
52.5	66.3	362.0	0.430	27.4	8In	200 mm	
52.4	67.3	361.3	0.416	28.4	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Dec. 16, 2006 Signed: *Tom L. Harrington* Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Date: _____
Page: 27 of 41

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172378
Load No: 1078068
Manifest No: 1793692

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT US 06492
TRACK# 953
WALLINGFORD CT US 06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 16 X 31# / W410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30332500

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.85	.013	.032	.19	.32	.10	.09	.019	.014	.001	.000	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
54.0	372.3	0.408	26.4	200 mm		
55.0	379.2	0.402	26.0	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 16, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE	11/10/06
INVOICE NO.	90313
BILL OF LADING	B14662
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	TEMP °F	IMPACT ENERGY FT-LBS													
1	W16 - 31.0 35' W410 x 46.1 10.668 M	4	284395	.79	58000	73000	24				.05	.96	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26
				.80	59000	74000	25												.01	.14		
2	W16 - 31.0 35' W410 x 46.1 10.668 M	5	284915	.81	60000	74000	25				.06	.97	.025	.031	.22	.33	.12	.17	.02	.00	.018	.29
				.82	61000	74000	24												.01	.15		
3	W16 - 31.0 40' W410 x 46.1 12.192 M	10	284517	.83	64000	77000	24				.06	.99	.023	.023	.23	.42	.10	.13	.02	.00	.018	.29
				.82	62000	76000	25												.01	.15		
4	W16 - 31.0 40' W410 x 46.1 12.192 M	1	284519	.83	62000	75000	26				.06	.92	.017	.032	.25	.29	.10	.11	.02	.00	.015	.27
				.82	61000	74000	26												.01	.14		
5	W16 - 31.0 40' W410 x 46.1 12.192 M	3	284932	.82	61000	74000	26				.06	.93	.017	.034	.26	.30	.11	.12	.02	.00	.016	.28
				.83	64000	77000	26												.01	.15		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Linnell

QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

10 Day of 11/06
Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2016



DATE	11/13/06
INVOICE NO	90792
BILL OF LADING	814885
CUSTOMER NO	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG %	TEMP °F	CHARPY IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI																MPa	MPa
					MPa	MPa																%	°C
1	W16 - 31.0 35' W410 x 46.1 10.668 M	1	274912	.80	61000	76000	23				.08	.90	.016	.035	.26	.34	.10	.10	.03	.01	.018	.29	
2	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284120	.82	58000	71000	23				.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28	
3	W16 - 31.0 35' W410 x 46.1 10.668 M	2	284280	.80	60000	75000	25				.08	.90	.021	.025	.25	.30	.11	.12	.02	.01	.015	.29	
4	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284340	.81	60000	74000	24				.06	.99	.020	.029	.22	.27	.12	.14	.03	.01	.018	.29	
5	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284395	.79	58000	73000	24				.05	.96	.022	.023	.25	.34	.11	.10	.02	.01	.019	.26	
6	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284519	.83	62000	75000	26				.06	.92	.017	.032	.25	.29	.10	.11	.02	.01	.015	.27	
7	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284811	.80	60000	75000	25				.06	.90	.016	.036	.27	.34	.12	.17	.03	.01	.016	.28	
8	W16 - 31.0 35' W410 x 46.1 10.668 M	1	284915	.81	60000	74000	25				.06	.97	.025	.031	.22	.33	.12	.17	.02	.01	.018	.29	
9	W16 - 31.0 35' W410 x 46.1 10.668 M	4	284929	.84	63000	75000	25				.06	.92	.020	.039	.27	.35	.10	.14	.02	.01	.015	.27	

Carbon Equivalent: CE = C(Mn) + C + Mn/6 + (Cr+Ni)/5 + (Cu)/2

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell
QUALITY ASSURANCE

CUSTOMER COPY

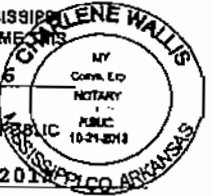
STATE OF ARKANSAS COUNTY OF MISSISSIPPI

SWORN TO AND SUBSCRIBED BEFORE ME THIS

13 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
CHAPARRAL STEEL
300 Hard Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
MALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

SIZE W 16 X 26# / M410 X 38.8 GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	U	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
MPa	MPa	Sq cm	Gage Length		
56.2	69.4	0.385	26.3	81n	200 mm
56.0	70.5	0.377	26.6	81n	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.A

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sa	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Sq cm	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
56.2	69.4	478.5	0.385	2.48	26.3	8In 200 mm		
56.0	70.5	486.1	0.377	2.43	26.6	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CWTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

DATE	5/22/06
INVOICE NO.	45626
BILL OF LADING	786062
CUSTOMER NO.	9310
CUSTOMER P.O.	P C18841 ZF

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast
 and rolled to a fully killed and fine grain practice.

S
 H INFRA-METALS CORP
 I 8 PENT HIGHWAY
 P TRACK # 953
 WALLINGFORD, CT 06492

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 A992/A992M-04a A572/A572M GR50-04
 A709/A709M-03a GR50 (345)
 A709/A709M-03a GR50S (345S)
 A6/A6M-05a

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 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES												
					YIELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	CHARTY IMPACT TEMP ° F ° C	IMPACT ENERGY FT-LBS JOULES	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
1	W12 - 72.0 30'	3	273527	.73	52000	71000	26			.07	1.21	.018	.020	.21	.31	.11	.09	.03	.00	.016	.32	
				.73	52000	71000	26												.01	.16		
	W310 x107.0 9.144 M				359	490	26															
2	W12 - 72.0 30'	3	273529	.75	52000	69000	26			.07	1.20	.017	.022	.22	.30	.10	.10	.03	.00	.015	.33	
				.75	52000	69000	26												.01	.17		
	W310 x107.0 9.144 M				359	476	26															
3	W12 - 96.0 65'	3	273783	.74	55000	74000	26			.08	1.33	.017	.023	.26	.28	.12	.12	.04	.00	.020	.36	
				.74	55000	74000	25												.01	.18		
	W310 x143.0 19.812 M				379	510	26															
4	W12 - 96.0 65'	3	273786	.75	54000	72000	26			.07	1.30	.016	.020	.22	.27	.12	.12	.04	.00	.018	.35	
				.75	54000	72000	25												.01	.17		
	W310 x143.0 19.812 M				372	496	26															

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lemell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

22 Day of 05/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/01/2006
PC No: C20717
Mill Order No: 3214053
Load No: 1080506
Manifest No: 1795478

Ship To: 1
INFRA-METALS CORPORATION-CT, INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
50 FT / 18.288 M

GRADE
992/572-50

SIZE
W 12 X 96# / W310 X 143

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30336870

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Mi	Cr	Mo	Ni	V	Al	Nb	CE
.08	1.18	.011	.028	.22	.32	.09	.08	.017	.013	.001	.003	.020	.32

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Read Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
52.9	71.9	1.381	22.6	8In	200 mm
53.0	72.5	1.353	23.1	8In	200 mm
				8.91	
				8.79	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 30, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 6 of 32

DATE	12/31/06
INVOICE NO.	105366
BILL OF LADING	B24056
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INTRA-METALS CORP
B PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M 06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INTRA-METALS CORP.
B PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	MPa		PSI	MPa													%
1	W12 - 53.0 30' W310 x 79.0 9.144 M	1	288395	.73	54000	74000	22				.06	1.25	.016	.032	.29	.34	.16	.09	.03	.00	.026	.32
				.74	53000	72000	23												.01	.15		
2	W12 - 53.0 30' W310 x 79.0 9.144 M	1	288398	.70	54000	77000	21				.08	1.30	.027	.027	.24	.35	.15	.16	.03	.01	.025	.37
				.74	57000	77000	24												.01	.19		
3	W12 - 53.0 30' W310 x 79.0 9.144 M	1	288400	.74	53000	72000	23				.07	1.25	.021	.034	.30	.33	.14	.11	.03	.00	.027	.34
				.73	52000	71000	24												.01	.17		
4	W12 - 53.0 30' W310 x 79.0 9.144 M	3	288402	.74	53000	72000	23				.07	1.24	.017	.032	.28	.30	.13	.15	.03	.00	.023	.35
				.72	55000	76000	23												.01	.17		
5	W12 - 53.0 30' W310 x 79.0 9.144 M	4	288404	.76	56000	74000	23				.08	1.20	.020	.032	.24	.31	.14	.17	.03	.00	.022	.35
				.73	55000	75000	23												.01	.18		
6	W12 - 53.0 30' W310 x 79.0 9.144 M	1	288406	.74	57000	77000	21				.07	1.22	.019	.032	.25	.32	.15	.20	.03	.00	.021	.35
				.75	58000	77000	21												.02	.17		
7	W12 - 53.0 30' W310 x 79.0 9.144 M	1	288415	.73	55000	75000	23				.07	1.21	.019	.027	.28	.30	.15	.16	.03	.00	.024	.34
				.72	52000	72000	24												.01	.17		
8	W12 - 53.0 30' W310 x 79.0 9.144 M	3	288420	.75	54000	72000	23				.07	1.26	.017	.034	.28	.35	.13	.17	.03	.00	.022	.35
				.74	56000	76000	23												.01	.17		
9	W12 - 53.0 35' W310 x 79.0 10.668 M	1	280081	.73	54000	74000	23				.06	1.10	.017	.029	.32	.27	.09	.10	.03	.01	.022	.29
				.75	54000	72000	25												.01	.15		
					372	510	23															
					372	496	25															

CARBON EQUIVALENT: CE = C+(Mn)/6+(Cr)/5+(Ni)/6+(Cu)/13

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lonnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

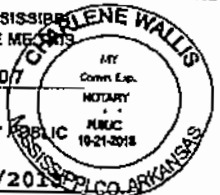
2 Day of 01/07

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2015



11/18/86 2:05:34
 100% WELDED AND MANUFACTURED IN THE USA
 All items produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

MILL TEST REPORT
 P.O. Box 2239
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

SOLD TO: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

SHIP TO: INFRA METALS CORP - CT
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

Customer No.: 502 - 1
 B.O.L. No.: 579269

ASTM Specification A6/A6M and A370.
 ASME Section II, Part D, Subpart 1, SA-336
 SA-336-06/A572-06-50/A709-06A36/A709-06A50/A709-345H
 CSA C58-44W/540.21-50W

Yield Ratio
 Yield/Tensile
 Tensile (PSI)
 Yield (MPa)
 Elong %
 C
 CE
 PB
 Mn
 MC
 TI
 P
 Sn
 Co
 S
 Al
 B
 Si
 V
 Ni
 Cu
 Nb
 Zr
 CE1
 CE2
 Pcm

W12x19
 035' 00.00'
 W310x28.3
 010.6680m
 W12x19
 035' 00.00'
 W310x28.3
 010.6680m
 W12x19
 035' 00.00'
 W310x28.3
 010.6680m
 W12x19
 035' 00.00'
 W310x28.3
 010.6680m
 W12x19
 035' 00.00'
 W310x28.3
 010.6680m

Description	Heat	Grade(s)	Test	Yield Ratio	Yield/Tensile	Tensile (PSI)	Yield (MPa)	Elong %	C	CE	PB	Mn	MC	TI	P	Sn	Co	S	Al	B	Si	V	Ni	Cu	Nb	Zr	CE1	CE2	Pcm	
W12x19	2618048	A992-86		.83	53300	70400	25.29		.0660	.0240	.0049	.8570	.0200	.0014	.0071	.0046	.0006	.0238	.0026	.0013	.2800	.0038	.0050	.0520	.0260	.0000	.0300	.2245	.2764	.1311
W12x19	2618048	A992-86		.83	58700	70400	25.43		.0660	.0240	.0049	.8570	.0200	.0014	.0071	.0046	.0006	.0238	.0026	.0013	.2300	.0038	.0050	.0620	.0260	.0000	.0300	.2245	.2764	.1311
W12x19	2618048	A992-86		.83	58700	70400	25.43		.0660	.0240	.0049	.8570	.0200	.0014	.0071	.0046	.0006	.0238	.0026	.0013	.2600	.0038	.0050	.0620	.0260	.0000	.0300	.2245	.2764	.1311
W12x19	2618048	A992-86		.83	58700	70400	25.43		.0660	.0240	.0049	.8570	.0200	.0014	.0071	.0046	.0006	.0238	.0026	.0013	.2000	.0038	.0050	.0620	.0260	.0000	.0300	.2245	.2764	.1311
W12x19	2600759	A992-86		.83	59600	71000	28.33		.0610	.0210	.0049	.8370	.0200	.0018	.0081	.0034	.0005	.0233	.0000	.0015	.2330	.0033	.0068	.0600	.0269	.0000	.0290	.2148	.2390	.1243
W12x19	2600759	A992-86		.85	60700	71500	25.53		.0600	.0200	.0049	.8370	.0200	.0018	.0081	.0034	.0005	.0233	.0000	.0015	.0068	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
W12x19	2600759	A992-86		.83	59600	71000	28.33		.0610	.0210	.0049	.8370	.0200	.0018	.0081	.0034	.0005	.0233	.0000	.0015	.2330	.0033	.0068	.0600	.0269	.0000	.0290	.2148	.2390	.1243
W12x19	2600759	A992-86		.85	60700	71500	25.53		.0600	.0200	.0049	.8370	.0200	.0018	.0081	.0034	.0005	.0233	.0000	.0015	.0068	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

Customer PO: C28398
 Customer PO: C19818
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 Customer PO: C28398
 Customer PO: C19818

CE1 = C+{(Mn/16)+{(Cr+Mn)/5)+{(Ni+Cu)/15)}
 CE2 = C+{(Mn/16)+{(Cr+Mn)/5)+{(Ni+Cu)/15)}

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Bruce A. Work
 Metallurgist

State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

day of _____

NUCOR STEEL - BERKELEY
 P.O. Box 2259
 Mt. Pleasant, S.C. 29464
 Phone: (843) 336-6000

10/28/06 23:35:120
 JOU# MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Ship To: INFRA-METALS CO
 8 WEST HIGHWAY
 WALLINGFORD, CT 06492

Customer No: 502 - 1
 B.O.L. No.: 574675

Yield/Tensile Ratio

Customer PO: C19420

SPECIFICATIONS: Tested in accordance with ASTM specification A670/66M and A170.
 AASHTO: M270-36-00/M270 50-00
 ASME: SA-36
 ASTM: A992-06//A36-03/A572-06-50/A703-06A36/A779-06A50/A709-345M
 CSA: CSA-44W/540.21-504

Description	Yield/Tensile Ratio	Yield (MPa)	Tensile (MPa)	Boach Test Grade(s)	C	Cr	Pb	Mo	Si	Al	S	P	Sn	Ce	Bi	Ni	Cu	Mn	As	Se	Ca	Fe	CE1	CE2	Pcm			
C12X20.7 020' 00.00' C310X30.8 006.0960m	.82	57800	70500	23.81	.0680	.0240	.0095	.0201	.2020	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.0250	.2301	.2694	.1316
C12X20.7 020' 00.00' C310X30.8 006.0960m	.81	59700	71900	24.39	.0720	.0250	.0086	.0179	.1520	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.0260	.2324	.2626	.1297
C12X20.7 020' 00.00' C310X30.8 006.0960m	.83	59500	71000	24.06	.0690	.0230	.0092	.0207	.2400	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.0270	.2323	.2752	.1333
C12X20.7 020' 00.00' C310X30.8 006.0960m	.85	58800	69400	23.55	.0680	.0240	.0077	.0286	.1980	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.0286	.2655	.2646	.1281
C12X20.7 020' 00.00' C310X30.8 006.1440m	.84	60300	72100	25.00	.0710	.0230	.0085	.0285	.2000	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.0285	.2326	.2725	.1394

CE1 = C+((Mn/5)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 CE2 = C+((Mn/5)+((Cr+Mo+V)/5)+((Ni+Cu)/15))
 Pcm = C1(51/30)+((Mn/20)+((Ni/60)+((Cu/20)+((Mo/5)+((V/10)+S))

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Bruce R. Worz
 Metallurgist

(State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____

NOVA TUBE AND STEEL CORPORATION
 600 Dean Sievers Place
 Morrisville, PA, 19067
 Tel: 215-295-8813 Fax: 215-295-8798

TEST CERTIFICATE

Sold to: INFRA-METALS CORP. DATE SHIPPED: 12/20/06
 Ship to: INFRA-METALS CORP. B/L #: 146446
 8 PENT HIGHWAY P.O. #: C20525MF
 WALLINGFORD, CONNECTICUT SALES ORDER #: 124639

06492
 s0p12h10v0s0b3T

Description	Dimensions	Pcs	Mill/Heat Number	Specifications
Hot Roll Rectangular Tub	8x4x0.375x360	8	MIT /432C0251	N/A
HSS Square Tubing	6x6x0.250x480 <i>7064x 40</i>	24	MIT /401E6951	ASTM A 500 B/C
HSS Square Tubing	6x6x0.375x420 <i>7066x 35</i>	12	MIT /432C0251	ASTM A 500 B/C
HSS Square Tubing	6x6x0.375x540 <i>7066x 45</i>	12	MIT /432C0251	ASTM A 500 B/C

s0p15h12v0s0b3T

Heat Number	Chemical Analysis															
	C	Mn	P	S	Si	Cu	Ni	Cr	Cb	Mo	V	Al	N	Sn	B	Ti
MIT/432C0251	0.080	0.620	0.014	0.012	0.005	0.070	0.030	0.030	0.006	0.010	0.001	0.049	0.004	-	-	-
Melted & Manufactured in U.S.A.																
MIT/401E6951	0.060	0.590	0.014	0.015	0.007	0.040	0.020	0.020	0.018	0.010	0.001	0.051	0.005	-	-	-
Melted & Manufactured in U.S.A.																

s0p10h12v0s0b3T

Mechanical Test Results				
Heat Number/Size	Yield Strength	Tensile Strength	Elong.%	Hardness
MIT/401E6951 6x6x0.250	62,199	65,754	30.00	
MIT/432C0251 6x6x0.375	57,903	66,304	22.00	

Heat # Manufactured in
 MIT /432C0251 United States
 MIT /401E6951 United States

14Aug06 9:26

TEST CERTIFICATE

No: MAR 415209

Sold By:
INDEPENDENCE TUBE CORPORATION
6225 W. 74TH STREET
CHICAGO, IL 60638
Tel: 708-495-0330 Fax: 708-563-1950

F/O No C20077MF
Re: PART I OF II
S/O No MAR 112210-003
B/L No MAR 69220-003 Shp 11Aug06
Inv No MAR -003 Inv 14Aug06

Sold To: (714)
INFRA-METALS
8 PENT HIGHWAY
WALLINGFORD, CT 06492

Ship To: (2)
INFRA-METALS (RAIL)
8 PENT HIGHWAY
TRACK #953
WALLINGFORD, CT

Tel: 203-294-2950 Fax: 203 294-2993

CERTIFICATE of ANALYSIS and TESTS

Cert. No: MAR 415209
14Aug06

Part No
TUBING A500C
4" SQ X 1/4" X 35'

Pcs Wgt
60 25.541

Heat Number Tag No
614080 990379
YLD=65500/TEN=81210/ELG=50.2
61408C 990380
614080 990381

Pcs Wgt
20 8.547
20 8.547
20 8.547

Heat Number *** Chemical Analysis ***
614080 C=0.2100 Mn=0.8600 P=0.0110 S=0.0080 Si=0.0200 Al=0.0520
Cu=0.0200

MANUFACTURED IN USA
MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)-03a

P.O.# 17319-12

DATE	10/13/06
INVOICE NO	82944
BILL OF LADING	809928
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
								TEMP	IMPACT ENERGY													
								* F ° C	FT-LBS JOULES													
1	W12 - 19.0 45' W310 x 28.3 13.716 M	6	283545	.77	57000	74000	24				.07	.73	.029	.036	.21	.33	.12	.19	.03	.00	.007	.26
				.78	57000	73000	25												.01	.15		
2	W12 - 19.0 45' W310 x 28.3 13.716 M	4	283548	.78	58000	74000	24				.08	.74	.022	.032	.26	.32	.12	.17	.03	.00	.007	.27
				.78	58000	74000	27												.01	.16		
					400	510	24															
					400	510	27															

FORM 10-05-06 (REV. 10-05-06) CARBON EQUIVALENT: CE = C(MN) + (C-MN)/5 + (Cu) * 1.5

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lennell

QUALITY ASSURANCE

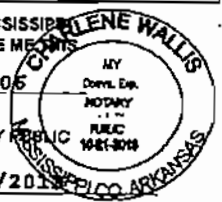
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

13 Day of 10/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



PO# 17319-B

DATE	11/25/06
INVOICE NO.	94587
BILL OF LADING	817143
CUSTOMER NO.	7717
CUSTOMER P.O.	C20360

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARTY IMPACT TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	PSI																%	* F	FT-LBS
					MPa	MPa																%	* C	JOULES
1	W33 -152.0 35' W840 x226.0 10.668 M	1	285589	.76	56000	74000	25				.08	1.31	.016	.020	.23	.30	.11	.13	.03	.00	.019	.36		
				.76	56000	74000	26												.03	.19				
2	W33 -152.0 40' W840 x226.0 12.192 M	2	285719	.76	58000	76000	25				.08	1.30	.018	.019	.21	.34	.10	.12	.03	.00	.019	.36		
				.76	58000	76000	27												.01	.19				
					400	524	25																	
					400	524	27																	

ASTM A992/A992M-06a A572/A572M GR50-04 A709/A709M-03a GR50 (345) A709/A709M-03a GR50S (345S) A6/A6M-05a
 CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr+Ni+V)/5 + (Cu/12) = 0.11 + 0.115

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

27 Day of 11/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/16/2006
PO No: C19824
Mill Order No: 3164124
Lead No: 1065906
Manifest No: 1781857

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
M 33 X 118# / WB40 X 176

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30323410

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.19	.016	.035	.23	.38	.09	.09	.018	.014	.001	.002	.022	.34


PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
58.3	73.6	507.5	1.134	7.32	25.8	8In 200 mm		
56.8	72.8	501.9	1.122	7.24	26.1	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Oct. 19, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 11 of 48

 Steel Dynamics, Inc. 2601 S. County Road 700 East Columbia City, IN 46725- (260) 625-8100		Certified Mill Test Report 100% Milled and Manufactured in USA	
Date: 12/28/2006 Customer No: 000198 Bill of Lading No: 0000090570 MTR #: 0000099178		Ship to: Intra Metals-CT 8 Pent Highway Wallingford, CT 06492 Attn: Mark Johnson / David Dudzinski	
Bill to: INFRA METALS-CT 8 Pent Highway Wallingford, CT 06492 Attn: Mark Heigt		Customer P.O. C200894 B206680W B206680W B206680W	

Item	Bundle	Section	Length	Pos	Heat #	Grade(s)	Specification(s)	Customer P.O.
1	000020555	W27X102	35' 0"	2	B028535	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	C200894
2	020638142	W36X182	60' 0"	1	A024029	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	B206680W
3	020638143	W36X182	60' 0"	1	A024028	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	B206680W
4	020897860	W36X182	60' 0"	1	A026380	A992 / A992M A709 g50S/g345S A572 gr50/gr345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	B206680W

CHEMICAL

Item	C	Min	P	S	SI	CU	V	Cr	NI	Mo	Sn	N	B	Cb	C1	C2	PC	Analysts
1	.08	1.24	.019	.027	.18	.27	.032	.13	.10	.023	.011	.0107	.0005	.001	.33	.36	.16	HEAT
2	.07	1.22	.014	.021	.19	.43	.032	.09	.11	.028	.016	.0124	.0003	.002	.34	.37	.17	HEAT
3	.08	1.24	.015	.028	.22	.38	.032	.10	.11	.024	.015	.0110	.0004	.003	.35	.39	.18	HEAT
4	.07	1.21	.013	.030	.21	.30	.032	.10	.10	.028	.014	.0088	.0004	.001	.33	.36	.16	HEAT


MECHANICAL

Tension Testing Results

Item	Test	Yield (Fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Fy/Fu	Elong (%) based on 8" gauge	ROA (%)	Band Test Result	Temp F/C	Sample 1 ft. lb/ftoules	Sample 2 ft. lb/ftoules	Sample 3 ft. lb/ftoules	% Shear	ASTM Grain Size No (per ASTM E112)
1	1	50384	72487	.78	24								
1	2	51390	72483	.79	24								
2	1	52358	72485	.72	21								
2	2	54371	73502	.74	26								
3	1	53363	73502	.73	22								
3	2	51355	72499	.71	21								
4	1	53384	70481	.76	28								
4	2	51350	80468	.75	21								

Charney Impact Testing Results


I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designations.

Signed:  Quality Assurance

State of Indiana, County of Whitley
 Sworn to and subscribed before me this _____ day of _____
 Signed: _____ Notary Public

My commission expires: _____

Special Comments/Information:

 <p>Steel Dynamics, Inc. 2601 S. County Road 700 East Columbia City, IN 46725-9044 (260) 625-8100</p>	<p>Date: 10/30/2006 Customer No: 000188 Bill of Lading No: 0000094566 MTR #: 0000094182</p>	<p>Ship to: Intra Metals-CT 8 Pent Highway Wallingford, CT 06492 Attn: Mark Johnson / David Dudzinski</p>
<p>Certified Mill Test Report 100% Milled and Manufactured in USA</p>	<p>Bill to: INFRA METALS-CT 8 Pent Highway Wallingford, CT 06492 Attn: Mark Haight</p>	<p>Customer P.O. c20116</p>


Item	Bundle	Section	Length	Pcs	Heat #	Grade(s)	Specification(s)	Customer P.O.
5	020727282	W24X68	35' 0"	4	A027502	A992 / A992M A709 G50S/g345S A572 Gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	c20116
6	020727284	W24X68	35' 0"	4	A027502	A992 / A992M A709 G50S/g345S A572 Gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	c20116
7	020727285	W24X60	35' 0"	4	A027502	A992 / A992M A709 G50S/g345S A572 Gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	c20116
8	020727547	W24X68	45' 0"	4	A027516	A992 / A992M A709 G50S/g345S A572 Gr50/g345	ASTM A992/A992M - 04a ASTM A709/A709M - 05 ASTM A572/A572M - 04	c20116

CHEMICAL

Item	C	Mn	P	S	Si	Cu	V	Cr	Ni	Mo	Sn	N	B	Ca	C1	C2	PC	Analysis
5	.08	1.03	.023	.031	.20	.41	.031	.08	.11	.021	.021	.0093	.0002	.002	.31	.34	.18	HEAT
6	.08	1.03	.023	.031	.20	.41	.031	.08	.11	.021	.021	.0093	.0002	.002	.31	.34	.16	HEAT
7	.08	1.03	.023	.031	.20	.41	.031	.08	.11	.021	.021	.0093	.0002	.002	.31	.34	.18	HEAT
8	.09	1.00	.018	.023	.19	.34	.031	.09	.11	.034	.014	.0098	.0002	.002	.32	.35	.18	HEAT

MECHANICAL

Item	Test	Tension Test Results				Charpy Impact Testing Results													
		Yield (fy) Strength ksi/MPa	Tensile (Fu) Strength ksi/MPa	Elong (%) based on 8" gauge	Fy/Fu	Temp F/C	Sample 1 ft. lb/ftoules	Sample 2 ft. lb/ftoules	Sample 3 ft. lb/ftoules	% Shear	ASTM Grain Size No (per ASTM E112)								
5	1	58389	74508	.78	.78	1													
5	2	50345	67461	.75	.75	2													
6	1	58389	74508	.78	.78	1													
6	2	50345	67461	.75	.75	2													
7	1	58389	74508	.78	.78	1													
7	2	50345	67461	.75	.75	2													
8	1	61420	77534	.79	.79	1													
8	2	58408	75517	.79	.79	2													

<p>I hereby certify that the contents of this report are accurate and correct. All tests and operations performed by this material manufacturer are in compliance with the requirements of the material specifications and applicable purchaser designated.</p> <p>Signed: </p> <p>Quality Assurance</p>	<p>State of Indiana, County of Whitley</p> <p>Sworn to and subscribed before me this _____ day of _____</p> <p>Signed: _____ Notary Public</p> <p>My commission expires: _____</p>	<p>Special Comments/Information:</p>
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CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164501
Load No: 1071809
Manifest No: 1788787

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

PRODUCT
WF BEAMS

LENGTH
65 FT / 19.812 M

GRADE
992/572-50

SIZE
W 24 X 68# / H610 X 101

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30328570

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	1.17	.016	.034	.23	.36	.10	.10	.018	.014	.001	.000	.018	.34

PHYSICAL PROPERTIES

Yield Strength KSI	56.3	388.2	57.3	395.1
Tensile Strength KSI	72.1	497.1	72.8	501.9
Specimen Area Sq In	1.002	6.46	0.929	5.99
Specimen Area Sq cm	6.46	27.4	5.99	27.0
Elongation %	27.4	8In	27.0	8In
Gage Length	200 mm	8In	200 mm	200 mm
Hard Test Dia. Result	ROA			%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTX complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 22, 2006 Signed: Tom L. Harrington Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 14 of 25

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8341

Order Date: 06/19/2006
FO No: C19824
Mill Order No: 3164488
Load No: 1067925
Manifest No: 1783874

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT US
06492 06492

GRADE 992/572-50 LENGTH 35 FT / 10.668 M PRODUCT WF BEAMS

SIZE N 24 X 62# / M610 X 92

SPECIFICATION ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30324690

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	1.05	.016	.037	.21	.36	.10	.11	.018	.013	.002	.002	.020	.31

PHYSICAL PROPERTIES

Yield Strength KSI	Yield Strength MPa	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Gage Length	Band Test Dia. Result	ROA %
54.4	375.1	69.6	479.9	1.023	6.60	23.5	81in	200 mm	
54.6	376.5	70.1	483.3	1.019	6.57	23.9	81in	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: Oct. 29, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager Page: 20 of 38

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-2651
(972) 775-8241

Order Date: 11/08/2006
PO No: B20749
Mill Order No: 3220279
Load No: 1075831
Manifest No: 1791426

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE 992/572-50
LENGTH 40 FT / 12.192 M
PRODUCT WF BEAMS

SIZE M 21 X 50# / W530 X 74
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
BEAT NO: 30329490

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CE
.08	.99	.012	.035	.22	.36	.11	.10	.016	.015	.004	.004	.020	.3

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	MPa	Elongation %	Specimen Area Sq cm	MPa	81A	81A	ROA %
55.2	69.0	380.6	0.809	475.7	23.8	5.22	81A	200 mm		
54.5	69.2	375.8	0.797	477.1	23.8	5.14	81A	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 05, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 2 of 105

DATE 12/19/06
INVOICE NO. 102403
BILL OF LADING 821953
CUSTOMER NO. 9310
CUSTOMER P.O. CL9904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M 03a GR50 (345)
ASTM A709/A709M-03a GR50B (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES																	
				YIELD TO TENSILE RATIO	TENSILE STRENGTH PSI	TENSILE STRENGTH MPa	ELONG %	CHARPY TEMP °F	CHARPY IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE				
1	W21 - 44.0' 35'	1	287709	.76	57000	75000	24						.09	1.11	.020	.034	.34	.25	.09	.14	.02	.00	.017	.33	
	W530 x 66.0			.74	55000	74000	24															.01	.18		
	10.668 M					393	517	24																	
2	W21 - 44.0' 35'	2	287713	.76	54000	71000	25						.07	1.10	.023	.039	.27	.30	.11	.14	.02	.00	.015	.31	
	W530 x 66.0			.74	52000	70000	27															.01	.17		
	10.668 M					372	490	25																	
3	W21 - 44.0' 35'	1	287717	.76	55000	72000	24						.07	1.10	.022	.039	.30	.32	.10	.14	.02	.00	.018	.31	
	W530 x 66.0			.76	55000	72000	24															.01	.17		
	10.668 M					379	496	24																	
4	W21 - 44.0' 35'	6	287722	.75	54000	72000	25						.08	1.10	.016	.031	.30	.32	.12	.15	.03	.00	.015	.33	
	W530 x 66.0			.75	53000	71000	26															.01	.18		
	10.668 M					372	496	25																	
5	W21 - 44.0' 35'	20	287724	.74	55000	74000	26						.08	1.11	.016	.036	.30	.30	.13	.11	.03	.00	.018	.33	
	W530 x 66.0			.76	56000	74000	26															.01	.18		
	10.668 M					379	510	26																	
6	W21 - 44.0' 40'	2	287690	.77	56000	73000	25						.08	1.14	.014	.033	.34	.29	.10	.11	.03	.00	.016	.33	
	W530 x 66.0			.77	57000	74000	26															.01	.17		
	12.192 M					386	503	25																	
7	W21 - 44.0' 40'	1	287692	.78	58000	74000	24						.08	1.10	.015	.038	.33	.32	.13	.13	.03	.00	.015	.32	
	W530 x 66.0			.75	55000	73000	24															.01	.18		
	12.192 M					400	510	24																	
8	W21 - 44.0' 40'	4	287816	.74	52000	70000	24						.07	1.10	.015	.031	.25	.28	.13	.12	.03	.00	.016	.31	
	W530 x 66.0			.77	53000	69000	25															.01	.16		
	12.192 M					359	483	24																	
9	W21 - 44.0' 40'	33	287831	.74	52000	70000	23						.08	1.14	.016	.026	.30	.30	.11	.13	.03	.01	.022	.33	
	W530 x 66.0			.75	55000	73000	22															.01	.18		
	12.192 M					359	483	23																	

Carbon Equivalent (CE - CIDI) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
Carbon Equivalent (CE - CIDI) = 0.09 + 1.11/6 + (.020+.034)/5 + (.34+.25)/15 = 0.09 + 0.185 + 0.082 + 0.087 = 0.444

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell
QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS
19 Day of 12/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2012

DATE 11/06/06
 INVOICE NO 88970
 BILL OF LADING 813634
 CUSTOMER NO. 9310
 CUSTOMER P O C 20376

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES			CHARPY IMPACT		CHEMICAL PROPERTIES												
					WELD STRENGTH	TENSILE STRENGTH	ELONG	TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	PSI	%	°F	FT-LBS													
1	W16 - 31.0	3	284872	.81	63000	78000	27			.08	.96	.014	.036	.28	.30	.12	.12	.03	.00	.017	.30	
	30'			.79	62000	78000	26												.01	.17		
	W410 x 46.1 9.144 M					434	538	27														
2	W16 - 31.0	2	284894	.82	64000	78000	25			.06	.90	.017	.037	.28	.36	.12	.16	.03	.00	.015	.28	
	30'			.82	65000	79000	24															
	W410 x 46.1 9.144 M					441	538	25														
3	W16 - 31.0	44	284895	.82	64000	78000	24			.05	1.00	.021	.036	.30	.34	.12	.22	.03	.00	.019	.30	
	30'			.82	64000	78000	23															
	W410 x 46.1 9.144 M					441	538	24														
4	W16 - 31.0	23	284120	.82	58000	71000	23			.07	.94	.007	.024	.30	.26	.11	.10	.04	.01	.021	.28	
	35'			.81	58000	72000	22															
	W410 x 46.1 10.668 M					400	490	23														
5	W16 - 31.0	10	284395	.79	58000	73000	24			.05	.96	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26	
	35'			.80	59000	74000	25															
	W410 x 46.1 10.668 M					400	503	24														
6	W16 - 31.0	1	284416	.80	60000	75000	24			.07	.91	.017	.033	.26	.29	.11	.12	.02	.00	.016	.28	
	35'			.80	60000	75000	24															
	W410 x 46.1 10.668 M					414	517	24														
7	W16 - 31.0	3	284912	.81	60000	74000	24			.05	.90	.020	.037	.24	.34	.12	.12	.03	.00	.014	.26	
	35'			.80	60000	75000	24															
	W410 x 46.1 10.668 M					414	510	24														
8	W16 - 31.0	5	284923	.82	62000	76000	24			.06	.96	.021	.035	.24	.35	.14	.19	.03	.00	.014	.29	
	35'			.83	63000	76000	23															
	W410 x 46.1 10.668 M					427	524	24														

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 6 Day of 11/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2015



DATE 11/09/06
INVOICE NO. 90041
BILL OF LADING 814409
CUSTOMER NO. 9310
CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M 03a GR50B (345B)
 ASTM A6/AS6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	PSI		%	TEMP													IMPACT ENERGY	
					MPa	MPa		%	° F													FT-LBS	
1	W16 - 31.0 35' W410 x 46.1 10.668 M	21	284282	.81 .80	58000 57000	72000 71000	25 23					.07	.94	.019	.027	.21	.28	.11	.11	.02	.00	.014	.29
2	W16 - 31.0 35' W410 x 46.1 10.668 M	4	284915	.81 .82	60000 61000	74000 74000	25 24					.06	.97	.025	.031	.22	.33	.12	.17	.02	.00	.018	.29
3	W16 - 31.0 35' W410 x 46.1 10.668 M	17	284917	.79 .79	61000 61000	77000 77000	26 25					.08	.91	.022	.038	.23	.30	.10	.14	.02	.00	.016	.29
4	W16 - 31.0 60' W410 x 46.1 18.288 M	1	285032	.83 .83	60000 60000	72000 72000	25 24					.08	.98	.016	.035	.25	.34	.13	.11	.03	.00	.016	.29
5	W16 - 31.0 60' W410 x 46.1 18.288 M	6	285034	.85 .84	58000 58000	68000 69000	24 24					.05	.96	.022	.032	.27	.32	.12	.13	.03	.00	.018	.27
6	W16 - 31.0 60' W410 x 46.1 18.288 M	7	285035	.84 .81	58000 60000	69000 74000	24 26					.07	.95	.015	.029	.25	.28	.13	.14	.03	.00	.017	.29

CARBON EQUIVALENT: CE = C(Mn) = C + Mn + (Cu) + (Ni) + (Cr) + (B)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Connell

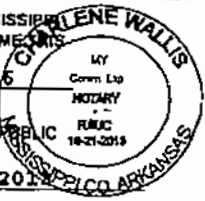
QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

9 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE 11/10/06
 INVOICE NO. 90312
 BILL OF LADING 814662
 CUSTOMER NO. 9310
 CUSTOMER P.O. C 20376

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
					YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					PSI	MPa	PSI	%	TEMP °F	IMPACT ENERGY FT-LBS														
					MPa	MPa	MPa	%	°C	JOULES										Sn	Pcm		Cl	
1	W16 - 26.0 32'	3	284499	.80	63000	79000	21				.08	.90	.019	.034	.20	.32	.12	.15	.02	.00	.014	.29		
				.80	61000	76000	23											.01	.17					
					434	545	21																	
2	W16 - 31.0 35'	5	284282	.81	58000	72000	25				.07	.94	.019	.027	.21	.28	.11	.11	.02	.00	.014	.29		
				.80	57000	71000	23											.01	.15					
					400	496	25																	
					353	490	23																	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Greg Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

10 Day of 11/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2012



DATE	11/22/05
INVOICE NO	986510
BILL OF LADING	758182
CUSTOMER NO	9310
CUSTOMER P.O.	CL8270

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S: INFRA-METALS CORP
H: 8 PENT HIGHWAY
I: TRACK # 953
P: WALLINGFORD, CT 06492

S: ASTM A992/A992M-04a A572/A572M GR50-03a
P: ASTM A709/A709M-03a GR50 (345)
T: ASTM A709/A709M-03a GR50S (345S)

S: INFRA-METALS CORP.
O: 8 PENT HIGHWAY
L: WALLINGFORD, CT 06492-0000
D:
T:
O:

ASTM A6/A6M-04a

SPECIFICATION

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARTY TEMP °F	IMPACT ENERGY FT-LBS	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI															
1	W16 - 26.0	3	250462	.82	58000	71000	25			.05	.91	.015	.028	.22	.36	.12	.11	.03	.00	.015	.26
	40'			.80	56000	70000	25														
	W410 x 38.8 12.192 M				400	490	25														
2	W16 - 26.0	4	250469	.80	55000	69000	29			.08	.90	.018	.031	.24	.35	.12	.13	.03	.00	.015	.29
	40'			.82	58000	71000	24														
	W410 x 38.8 12.192 M				379	476	29														
3	W16 - 26.0	7	264545	.81	55000	68000	25			.06	.91	.017	.028	.25	.35	.13	.10	.04	.01	.015	.27
	60'			.79	54000	68000	27														
	W410 x 38.8 18.288 M				379	469	25														
4	W16 - 31.0	1	253862	.78	58000	74000	26			.08	.90	.014	.028	.25	.33	.13	.09	.03	.00	.017	.28
	30'			.80	59000	74000	25														
	W410 x 46.1 9.144 M				400	510	26														
5	W16 - 31.0	1	253864	.80	63000	79000	24			.07	.94	.012	.023	.26	.32	.11	.09	.03	.00	.016	.28
	30'			.78	59000	76000	23														
	W410 x 46.1 9.144 M				434	545	24														
6	W16 - 31.0	5	264400	.79	57000	72000	27			.07	.98	.020	.027	.26	.31	.13	.11	.03	.00	.016	.29
	30'			.81	58000	72000	25														
	W410 x 46.1 9.144 M				393	496	27														
7	W16 - 31.0	2	253865	.82	64000	78000	25			.08	.97	.013	.027	.23	.36	.14	.14	.04	.00	.020	.31
	35'			.82	63000	77000	25														
	W410 x 46.1 10.668 M				441	538	25														
8	W16 - 31.0	2	264365	.81	58000	72000	26			.06	.95	.015	.034	.26	.29	.11	.08	.03	.00	.016	.27
	35'			.81	59000	73000	26														
	W410 x 46.1 10.668 M				400	496	26														
9	W16 - 31.0	5	264383	.79	56000	71000	26			.08	.93	.021	.036	.27	.36	.15	.12	.04	.00	.016	.30
	35'			.79	58000	73000	27														
	W410 x 46.1 10.668 M				386	490	26														

Formula: $CE = C + (Mn/6) + (P/17) + (S/34) + (Cu/69) + (Ni/10) + (Cr/17) + (Mo/4) + (V/18) + (Nb/10) + (Ti/13) + (Al/5)$

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

22 Day of 11/05

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2015



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 11/07/2006
PO No: G20725
Mill Order No: 3219615
Load No: 1078553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 16 X 26# / M410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
56.2	69.4	478.5	0.385	2.48	26.3	8In	200 mm	
56.0	70.5	486.1	0.377	2.43	26.6	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

DATE: 11/06/06
 INVOICE NO: 88974
 BILL OF LADING: 813636
 CUSTOMER NO: 9310
 CUSTOMER P O: C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S H I P T O:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S P E C I F I C A T I O N S
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONGATION %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		TEMP °F	IMPACT ENERGY FT-LBS												
										°C	JOULES												
1	W16 - 26.0	1	284389	.82	61000	74000	21			.06	.92	.025	.029	.24	.29	.11	.13	.02	.00	.017	.27		
	32'			.80	59000	74000	24											.01	.14				
	W410 x 38.8				421	510	21																
	9.754 M				407	510	24																
2	W16 - 26.0	7	284466	.80	57000	71000	23			.07	.90	.023	.032	.25	.33	.12	.12	.02	.00	.016	.28		
	32'			.80	61000	76000	23											.01	.16				
	W410 x 38.8				393	490	23																
	9.754 M				421	524	23																
3	W16 - 26.0	20	284509	.81	64000	79000	22			.08	.91	.018	.029	.25	.30	.10	.13	.02	.00	.025	.29		
	32'			.82	64000	78000	21											.01	.17				
	W410 x 38.8				441	545	22																
	9.754 M				441	538	21																
4	W16 - 26.0	2	284181	.82	58000	71000	24			.05	.92	.017	.028	.23	.30	.10	.07	.02	.00	.019	.25		
	35'			.79	58000	73000	25											.01	.13				
	W410 x 38.8				400	490	24																
	10.668 M				400	503	25																
5	W16 - 26.0	1	284593	.80	60000	75000	24			.07	.91	.021	.030	.24	.34	.10	.10	.02	.00	.015	.27		
	35'			.80	60000	75000	24											.01	.16				
	W410 x 38.8				414	517	24																
	10.668 M				414	517	24																
6	W16 - 26.0	2	284595	.82	62000	76000	23			.07	.91	.016	.027	.25	.41	.11	.09	.02	.00	.016	.27		
	35'			.82	63000	77000	22											.03	.15				
	W410 x 38.8				427	524	23																
	10.668 M				434	531	22																
7	W16 - 26.0	5	284627	.81	62000	77000	24			.06	.90	.011	.029	.25	.32	.10	.09	.02	.00	.016	.26		
	35'			.82	62000	76000	23											.01	.14				
	W410 x 38.8				427	531	24																
	10.668 M				427	524	23																
8	W16 - 26.0	4	284628	.80	59000	74000	23			.06	.90	.015	.037	.25	.33	.10	.11	.02	.00	.015	.27		
	35'			.81	60000	74000	24											.01	.15				
	W410 x 38.8				407	510	23																
	10.668 M				414	510	24																
9	W16 - 26.0	15	284630	.81	60000	74000	23			.06	.90	.013	.037	.24	.30	.09	.09	.02	.00	.017	.26		
	35'			.80	59000	74000	24											.01	.14				
	W410 x 38.8				414	510	23																
	10.668 M				407	510	24																

Formula for Carbon Equivalent: $CE = C + \frac{Mn}{6} + \frac{Cr}{6} + \frac{Ni}{6} + \frac{Cu}{6} + \frac{Nb}{6} + \frac{V}{6}$
 Formula for Yield Strength: $Y = 50000 + 60000(C) + 10000(Mn) + 10000(Cr) + 10000(Ni) + 10000(Cu) + 10000(Nb) + 10000(V)$

ELONGATION BASED ON 8.00 INCH GUAGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lowell

QUALITY ASSURANCE

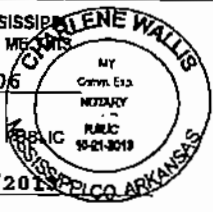
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

5 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2015



09/17/2006 17:18 15197363537

ATLAS TUBE INC

Atlas Tube Inc.
200 Clark St.
Harrow, Ontario, Canada
N0R 1G0
Tel: 519-738-3541
Fax: 519-738-3537

Ref.B/L: 80208651
Date: 09.29.2006
Customer: 81



MATERIAL TEST REPORT

Sold to

Infra-Metals Corporation
8 Pent Highway
WALLINGFORD CT 06492
USA

Shipped to

Infra-Metals Corporation (Rail
Track #953 - 8 Pent Highway
WALLINGFORD CT 06492
USA

Material: 10.0x10.0x625x40'0"0(2x1).
Sales order: 248172

Material No: 1001006254000 Made In: Canada
Purchase Order: C20110MF RAIL

Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	Ni	Cr	V
5993E	0.200	0.860	0.011	0.005	0.030	0.031	0.020	0.000	0.010	0.020	0.020	0.003
Bundle No	Yield		Tensile		Elm.2in		Certification					
M200370661	057030 Psi		071070 Psi		35.8 %		ASTM A500-03A GRADE C & B					

Material Note:
Sales Or.Note:

Material: 10.0x10.0x625x40'0"0(2x1).
Sales order: 248172

Material No: 1001006254000 Made In: Canada
Purchase Order: C20110MF RAIL

Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	Ni	Cr	V
5993E	0.200	0.860	0.011	0.006	0.030	0.031	0.020	0.000	0.010	0.020	0.020	0.003
Bundle No	Yield		Tensile		Elm.2in		Certification					
M200370657	057030 Psi		071070 Psi		35.8 %		ASTM A500-03A GRADE C & B					

Material Note:
Sales Or.Note:

Material: 10.0x10.0x625x60'0"0(2x1).
Sales order: 248172

Material No: 1001006256000 Made In: Canada
Purchase Order: C20110MF RAIL

Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	Ni	Cr	V
5996E	0.200	0.830	0.015	0.008	0.020	0.026	0.020	0.000	0.010	0.020	0.020	0.002
Bundle No	Yield		Tensile		Elm.2in		Certification					
M200374878	059730 Psi		070440 Psi		31.0 %		ASTM A500-03A GRADE C & B					

Material Note:
Sales Or.Note:

Material: 10.0x10.0x625x60'0"0(2x1).
Sales order: 248172

Material No: 1001006256000 Made In: Canada
Purchase Order: C20110MF RAIL

Heat No	C	Mn	P	S	SI	Al	Cu	Cb	Mo	Ni	Cr	V
5996E	0.200	0.830	0.015	0.006	0.020	0.026	0.020	0.000	0.010	0.020	0.020	0.002
Bundle No	Yield		Tensile		Elm.2in		Certification					
M200374877	059730 Psi		070440 Psi		31.0 %		ASTM A500-03A GRADE C & B					

Material Note:
Sales Or.Note:

Authorized by Quality Assurance: _____



Atlas Tube Inc.
200 Clark St.
Harrow, Ontario, Canada
NOR 1G0
Tel: 519-738-3541
Fax: 519-738-3537

Ref./B/L: B0216628
Date: 11.27.2006
Customer: 81



MATERIAL TEST REPORT

Sold to

Infra-Metals Corporation
8 Pent Highway
WALLINGFORD CT 06492
USA

Shipped to

Infra-Metals Corporation (Rail
Track #953 - 8 Pent Highway
WALLINGFORD CT 06492
USA

Material: 7.0x7.0x500x35'0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391554	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x600x30'0"0(2x2).
Sales order: 283000

Material No: 70070500
Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391553	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x500x40'0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8292E	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391562	601802 Psi	074430 Psi	32.0 %	ASTM A500-03A GRADE C & B

Material Note:
Sales Or.Note:

Material: 7.0x7.0x500x60'0"0(2x2).
Sales order: 263000

Material No: 70070500
Purchase Order: C20505MF

Made in: Canada

Heat No	C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
8291E	0.200	0.830	0.007	0.007	0.020	0.024	0.040	0.000	0.010	0.020	0.020	0.000

Bundle No	Yield	Tensile	Eln.2in	Certification
M200391557	060200 Psi	075020 Psi	32.0 %	ASTM A600-03A GRADE C & B

Material Note:
Sales Or.Note:

Authorized by Quality Assurance: 



ORIGINAL

GUVEN BORU AND PROFIL SAN. VE TIC. LTD. STI.
BARBAROS MAH. TIMUR SOK. NO:28 34746 YENISAHRA - ISTANBUL / TURKEY

TO: CCC STEEL GMBH AND CO. KG
PALMALLE 67
22767 HAMBURG
GERMANY

ISSUING DATE: 05.09.2006
CERTIFICATE NUMBER: 7
PAGE: 1

Couca
20036

MILL'S CERTIFICATE OF QUALITY

DESCRIPTION OF GOODS MATERIAL :

ERW STEEL BLACK COLD FORMED SQUARE AND RECTANGULAR HOLLOW SECTIONS, PLAIN SQUARE CUT ENDS, LIGHT OIL, TOLERANCES, QUALITY, SPECIFICATION, UNIT PRICE, PIECE COUNT, BUNDLE WEIGHT, PACKING, MARKING, STORAGE AND ALL OTHER CONDITIONS AS PER 2ND REVISED PURCHASE ORDER 518-2784 AND ADDENDUM LOT 1 TO 12 DTD. JULY 5, 2006 AND ORDER AMENDMENT NO.1 DATED JULY 19, 2006

LOT 7
ITEM 1

MATERIAL :
PROD. STD. :

ERW STEEL BLACK COLD FORMED SQUARE HOLLOW SECTION, PLAIN END.
ACC. TO ASTM A - 500 GRADE A RESP. GRADE B UNLESS OTHERWISE STATED.
FOR 0,063"-0,078"-0,093" THICKNESSES ARE EITHER HOT OR COLD ROLLED AT PRODUCER'S OPTION.
RAW MATERIAL : ST 37.2 AND/OR ST 42.4

SIZE CODE	DIMENSIONS			MECHANICAL PROPERTIES PER EACH HEAT				ACTUAL CHEMICAL COMPOSITION PER EACH HEAT					
	SIZE (IN INCH)	W.T. (INCH)	LENGTH (IN FEET)	HEAT NO. (HEAT NUMBER)	YIELD STRESS (N/MM2)	TENSILE TEST (N/MM2)	ELONGATION (%)	C	Mn	P	S	SI	GRADE
T012 X 2 Y	1 X 1	0,125	24	GB 813	324	426	31	0,115	0,456	0,002	0,001	0,003	B
T014 X 2 Y	1 1/4 X 1 1/4	0,125	24	GB 813	324	426	31	0,115	0,456	0,002	0,001	0,003	B
T016 X 2 Y	1 1/2 X 1 1/2	0,125	24	GB 813	324	426	31	0,115	0,456	0,002	0,001	0,003	B
T02 X Y	2 X 2	0,125	24	GB 813	324	426	31	0,115	0,456	0,002	0,001	0,003	B
	2 X 2	0,188	24	GB 813	324	426	31	0,115	0,456	0,002	0,001	0,003	B
	2 X 2	0,188	40	GB 814	326	428	30	0,116	0,456	0,003	0,001	0,002	B
	2 X 2	0,250	24	GB 814	326	428	30	0,118	0,458	0,003	0,001	0,002	B
	2 X 2	0,250	40	GB 814	326	428	30	0,118	0,458	0,003	0,001	0,002	B
T0253	2 1/2 X 2 1/2	0,188	24	GB 814	326	428	30	0,116	0,458	0,003	0,001	0,002	B
T0254	2 1/2 X 2 1/2	0,250	24	GB 814	326	428	30	0,118	0,458	0,003	0,001	0,002	B
	2 1/2 X 2 1/2	0,250	40	GB 814	326	428	30	0,118	0,458	0,003	0,001	0,002	B

ORIGINAL

ISSUING DATE: 05.09.2006
 CERTIFICATE NUMBER: 7
 PAGE: 2

SIZE CODE	DIMENSIONS			MECHANICAL PROPERTIES PER EACH HEAT				ACTUAL CHEMICAL COMPOSITION PER EACH HEAT					
	SIZE (IN INCH)	W.T. (INCH)	LENGTH (IN FEET)	HEAT NO. (HEAT NUMBER)	YIELD STRESS (N/MM2)	TENSILE TEST (N/MM2)	ELONGATION (%)	C	Mn	P	S	SI	GRADE
206	2 1/2 x 2 1/2	0.250	48	GB 814	326	428	30	0.118	0.458	0.003	0.001	0.002	B
228	3 X 3	0.188	24	GB 814	326	428	30	0.118	0.458	0.003	0.001	0.002	B
228	3 X 3	0.250	24	GB 814	326	428	30	0.118	0.458	0.003	0.001	0.002	B
253	4 X 4	0.250	24	GB 814	326	428	30	0.118	0.458	0.003	0.001	0.002	B
253	4 X 4	0.250	30	GB 814	326	428	30	0.118	0.458	0.003	0.001	0.002	B
253	4 X 4	0.250	35	GB 815	329	431	32	0.120	0.461	0.002	0.003	0.001	B
253	4 X 4	0.250	40	GB 815	329	431	32	0.120	0.461	0.002	0.003	0.001	B
253	4 X 4	0.250	45	GB 815	329	431	32	0.120	0.461	0.002	0.003	0.001	B
253	4 X 4	0.250	48	GB 815	329	431	32	0.120	0.461	0.002	0.003	0.001	B
253	4 X 4	0.250	50	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	24	GB 815	329	431	32	0.120	0.461	0.002	0.003	0.001	B
275	5 X 5	0.250	30	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	35	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	40	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	45	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	48	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
275	5 X 5	0.250	50	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
284	6 X 6	0.250	24	GB 817	334	436	30	0.124	0.465	0.002	0.003	0.001	B
284	6 X 6	0.250	30	GB 816	331	433	31	0.122	0.463	0.003	0.002	0.004	B
284	6 X 6	0.250	35	GB 817	334	436	30	0.124	0.465	0.002	0.003	0.001	B
284	6 X 6	0.250	40	GB 817	334	436	30	0.124	0.465	0.002	0.003	0.001	B
284	6 X 6	0.250	45	GB 817	334	436	30	0.124	0.465	0.002	0.003	0.001	B
284	6 X 6	0.250	48	GB 818	338	438	32	0.126	0.467	0.003	0.002	0.004	B
284	6 X 6	0.250	50	GB 818	336	438	32	0.126	0.467	0.003	0.002	0.004	B

ORIGINAL

ISSUING DATE: 05.09.2008
 CERTIFICATE NUMBER: 7
 PAGE: 3

ITEM 2 : ERW STEEL BLACK COLD FORMED RECTANGULAR HOLLOW SECTION, PLAIN END.
 MATERIAL : ACC. TO ASTM A - 500 GRADE A, RESP. GRADE B UNLESS OTHERWISE STATED.
 PROD. STD. : FOR 0,063"-0,078"-0,093" THICKNESSES ARE EITHER HOT OR COLD ROLLED AT PRODUCER'S OPTION.
 RAW MATERIAL : ST 37.2 AND/OR ST 42.4

SIZE CODE	DIMENSIONS			MECHANICAL PROPERTIES PER EACH HEAT				ACTUAL CHEMICAL COMPOSITION PER EACH HEAT					GRADE
	SIZE (IN INCH)	W.T. (INCH)	LENGTH (IN FEET)	HEAT NO. (HEAT NUMBER)	YIELD STRESS (N/MM2)	TENSILE TEST (N/MM2)	ELONGATION (%)	C	Mn	P	S	SI	
67	2 X 1	0,125	24	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
176	3 X 2	0,125	24	GB 818	338	438	32	0,126	0,467	0,003	0,002	0,004	B
179	3 X 2	0,188	24	GB 818	338	438	32	0,126	0,467	0,003	0,002	0,004	B
179	3 X 2	0,188	40	GB 818	338	438	32	0,126	0,467	0,003	0,002	0,004	B
179	3 X 2	0,188	48	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
180	3 X 2	0,250	24	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
180	3 X 2	0,250	40	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
180	3 X 2	0,250	48	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
184	4 X 2	0,125	24	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
187	4 X 2	0,188	24	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
187	4 X 2	0,188	40	GB 818	336	438	32	0,126	0,467	0,003	0,002	0,004	B
187	4 X 2	0,188	48	GB 818	339	441	31	0,131	0,469	0,002	0,003	0,001	B
286	4 X 2	0,250	24	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
286	4 X 2	0,250	40	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
286	4 X 2	0,250	48	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
198	6 X 2	0,188	24	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
198	6 X 2	0,188	40	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
198	6 X 2	0,188	48	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
199	6 X 2	0,250	24	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
199	6 X 2	0,250	30	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
199	6 X 2	0,250	35	GB 819	339	441	31	0,131	0,469	0,002	0,003	0,001	B
199	6 X 2	0,250	40	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
199	6 X 2	0,250	48	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B

TR312
 TR322
 TR323
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 TR324
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 TR422
 TR423
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 TR424
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 TR623
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 TR624

ORIGINAL

ISSUING DATE: 05.09.2005
CERTIFICATE NUMBER: 7
PAGE: 4

SIZE CODE	DIMENSIONS			MECHANICAL PROPERTIES PER EACH HEAT				ACTUAL CHEMICAL COMPOSITION PER EACH HEAT					
	SIZE (IN INCH)	W.T. (INCH)	LENGTH (IN FEET)	HEAT NO. (HEAT NUMBER)	YIELD STRESS (N/MM2)	TENSILE TEST (N/MM2)	ELONGATION (%)	C	Min	P	S	SI	GRADE
265	6 X 4	0,250	24	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	30	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	35	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	40	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	45	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	48	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B
265	6 X 4	0,250	50	GB 820	341	446	30	0,135	0,473	0,003	0,002	0,004	B

TR 644

WE CONFIRM THAT THE RADIOACTIVE CONTAMINATION OF THE MATERIAL IS NORMAL

AS MILL AND MANUFACTURER

GÜVEN BORU
PROFİL SAN. ve TIC. LTD. ŞTİ.

Sarıyeri Mh. Teşv. Sok. No 28 Yordaklı / İSTANBUL
Tic. Sic. No: 274654 / 4121475-15 Fm. 02/08-4728/71
KAYITLI VE TESCİMLİDİR

PO#

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PC No: C19B24
Mill Order No: 3164451
Lead No: 1074369
Manifest No: 1789778

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 21 X 44# / W530 X 66

SPECIFICATION
ASTM A6-06a, A992-06a, A572-06

HEAT NO: 30329630

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.07	1.04	.013	.035	.23	.33	.09	.08	.015	.016	.001	.000	.020	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
54.9	69.1	476.4	0.738	4.76	29.6	8In 200 mm		
53.7	68.1	469.5	0.739	4.77	27.9	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTA complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager

DATE 11/09/06

INVOICE NO. 90041

BILL OF LADING 814409

CUSTOMER NO. 9310

CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

S
H: INFRA-METALS CORP
I 8 PENT HIGHWAY
P TRACK # 953
T WALLINGFORD, CT 06492
O

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M 03a GR50S (345S)
ASTM A6/A6M-05a

S
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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES														
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	PSI														%	TEMP °F	IMPACT ENERGY FT-LBS
					MPa	MPa														%	°C	JOULES
1	W16 - 31.0 - 35' W410 x 46.1 - 10.668 M	21	284282	.81 .80	58000 57000	72000 71000	25 23	.07	.94	.019	.027	.21	.28	.11	.11	.02	.00	.014	.29			
2	W16 - 31.0 - 35' W410 x 46.1 - 10.668 M	4	284919	.81 .82	60000 61000	74000 74000	25 24	.06	.97	.025	.031	.22	.33	.12	.17	.02	.00	.018	.29			
3	W16 - 31.0 - 35' W410 x 46.1 - 10.668 M	17	284917	.79 .79	61000 61000	77000 77000	26 25	.08	.91	.022	.038	.23	.30	.10	.14	.02	.00	.016	.29			
4	W16 - 31.0 - 60' W410 x 46.1 - 18.288 M	1	285032	.83 .83	60000 60000	72000 72000	25 24	.08	.90	.016	.035	.25	.34	.13	.11	.03	.00	.016	.29			
5	W16 - 31.0 - 60' W410 x 46.1 - 18.288 M	6	285034	.85 .84	58000 58000	68000 69000	24 24	.05	.96	.022	.032	.27	.32	.12	.13	.03	.00	.018	.27			
6	W16 - 31.0 - 60' W410 x 46.1 - 18.288 M	7	285039	.84 .81	58000 60000	69000 74000	24 26	.07	.95	.015	.029	.25	.28	.13	.14	.03	.00	.017	.29			

CARBON EQUIVALENT: CE = CE(10) = C + Mn + (Cr+Ni)/5 + (Cu)/13

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

QUALITY ASSURANCE

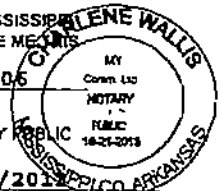
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

9 Day of 11/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2013

DATE	11/10/06
INVOICE NO.	90313
BILL OF LADING	B14662
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.

P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO:
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50B (345B)
ASTM A6/A6M-05a

SOLD TO:
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SPECIFICATIONS

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					MPa	MPa	MPa	MPa		MPa	MPa												
PSI	PSI	PSI	PSI	PSI	PSI	%	°F	FT-LBS	°C	Joules	Sn												
1	W16 - 31.0	4	284395	.79	58000	73000	24			.05	.96	.022	.023	.25	.34	.11	.10	.02	.00	.019	.26		
	.80			59000	74000	25																	
	W410 x 46.1			400	503	24																	
	10.668 M			.81	60000	74000	25			.06	.97	.025	.031	.22	.33	.12	.17	.02	.00	.018	.29		
	35'			.82	61000	74000	24																
	10.668 M			414	510	25																	
2	W16 - 31.0	5	284915	.81	60000	74000	25			.06	.99	.023	.023	.23	.42	.10	.13	.02	.00	.018	.29		
				35'			.82	61000	74000													24	
				10.668 M			421	510	24														
3	W16 - 31.0	10	284517	.83	64000	77000	24			.06	.92	.017	.032	.25	.29	.10	.11	.02	.00	.015	.27		
				40'			.82	62000	76000													25	
				12.192 M			441	531	24														
4	W16 - 31.0	1	284519	.83	62000	75000	26			.06	.92	.017	.032	.25	.29	.10	.11	.02	.00	.015	.27		
				40'			.82	61000	74000													26	
				12.192 M			427	517	26														
5	W16 - 31.0	3	284932	.82	61000	74000	26			.06	.93	.017	.034	.26	.30	.11	.12	.02	.00	.016	.28		
				40'			.83	64000	77000													26	
				12.192 M			421	510	26														
					441	531	26																

CARBON EQUIVALENT: CE = C(Mn) + C + Ni + ((C+Mn)/5) + (Si+Cu)/15

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

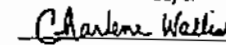
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.


QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

10 Day of 11/06


NOTARY PUBLIC

NOTARY PUBLIC



MY COMMISSION EXPIRES

10/21/2012

DATE	11/10/06
INVOICE NO.	90322
BILL OF LADING	B14662
CUSTOMER NO.	9310
CUSTOMER P.O.	C 20376

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES				CHEMICAL PROPERTIES												
					YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	MPa	MPa	%													TEMP
					MPa	MPa	%	°F	FT-LBS	Joules											
1	W16 - 26.0 32' W410 x 38.8 9.754 M	3	284159	.80	63000	79000	21		.08	.90	.019	.034	.20	.32	.12	.15	.02	.00	.014	.29	
				.80	61000	76000	23														
2	W16 - 31.0 35' W410 x 46.1 10.668 M	5	284282	.81	58000	72000	25		.07	.94	.019	.027	.21	.28	.11	.11	.02	.00	.014	.29	
				.80	57000	71000	23														
					400	496	25														
					393	490	23														

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

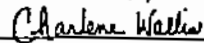


QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

10 Day of 11/06



NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2013



DATE 11/03/06
 INVOICE NO. 88554
 BILL OF LADING 813440
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	YIELD TO TENSILE RATIO	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES												
					TENSILE PSI	TENSILE MPA	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
								TEMP °F	IMPACT ENERGY FT-LBS														
					MPa	MPa	%	°C	JOULES														
1	W16 - 31.0 50' W410 x 46.1 15.240 M	1	269173	.81	56000	69000	26			.06	.91	.014	.034	.25	.31	.11	.08	.03	.00	.016	.26		
				.80	55000	70000	26												.01	.14			
					386	476	26																
2	W16 - 31.0 50' W410 x 46.1 15.240 M	7	284132	.79	57000	72000	22			.07	.91	.016	.031	.26	.29	.11	.10	.03	.00	.016	.28		
				.79	58000	73000	24													.01	.15		
					393	496	22																
3	W16 - 31.0 50' W410 x 46.1 15.240 M	1	284137	.81	58000	72000	24			.08	.90	.015	.028	.27	.29	.12	.11	.03	.00	.016	.29		
				.82	58000	71000	23													.01	.16		
					400	503	24																
4	W16 - 31.0 50' W410 x 46.1 15.240 M	2	284208	.78	57000	73000	24			.08	.92	.028	.016	.24	.27	.10	.11	.02	.00	.016	.28		
				.78	57000	73000	22													.01	.16		
					393	503	24																
5	W16 - 31.0 50' W410 x 46.1 15.240 M	16	284210	.79	58000	73000	23			.08	.93	.025	.027	.24	.31	.10	.12	.03	.00	.015	.30		
				.79	58000	73000	24													.01	.17		
					400	503	23																
6	W16 - 31.0 50' W410 x 46.1 15.240 M	1	284304	.80	59000	74000	23			.07	.90	.025	.034	.24	.30	.11	.16	.03	.00	.016	.29		
				.80	59000	74000	24													.01	.16		
					407	510	23																
7	W16 - 31.0 55' W410 x 46.1 16.764 M	11	284319	.81	58000	72000	25			.08	.93	.022	.031	.23	.31	.11	.10	.03	.00	.017	.30		
				.82	59000	72000	25													.01	.17		
					400	496	25																
8	W16 - 31.0 55' W410 x 46.1 16.764 M	46	284321	.81	61000	75000	23			.07	1.00	.023	.035	.27	.35	.10	.10	.02	.00	.017	.29		
				.82	59000	72000	24													.01	.16		
					421	517	23																
9	W16 - 31.0 55' W410 x 46.1 16.764 M	13	284324	.82	63000	77000	24			.06	.92	.016	.033	.24	.30	.13	.10	.03	.00	.016	.27		
				.81	59000	73000	24													.01	.15		
					434	531	24																
					407	503	24																

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/16) + (Cu/25) + (Nb/10) + (V/10) + (Ti/6)

ELONGATION BASED ON 8.0 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Gay Lennell

 QUALITY ASSURANCE

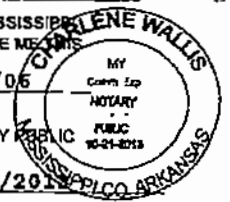
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

3 Day of 11/06
 Charlene Wallis

 NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2010



NUCOR STEEL - BERRELEY
 P.O. Box 2239
 Mt. Pleasant, S.C. 29454
 Phone: (843) 336-6000

MILL TEST REPORT

11/11/86 6:01:47
 .004 HELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkeley are cast and
 rolled to a fully killed and fine grain practice.

Sold To: INFRA METALS CORP - CT
 B DENI HIGHWAY
 WALLINGFORD, CT 06492

Ship To: INFRA METALS CORP - CT
 B DENI HIGHWAY
 WALLINGFORD, CT 06492

Customer #: 502 - 1
 R.O.L. #: 577962

SPECIFICATIONS: Tested in accordance with ASIM specification A6/A6M and A370.
 ARSBE: M270 36-00/A270-50-00
 ASME: SA 36
 ASTM: A992-06//A36-05/A572-06-50/A709-06-50/A709-06-50/A709-345M
 CSA: CSR-44W/G40-21-50V

HUGER

Description	Hastk Grade(s) Test	Yield/ Tensile Ratio (MPa)	Elong (%)	C DB	P S Al B Ca	S Al N	Cu Ni Zn CI	Mn XXXX# CI	CL1 CE2 PCB
W10x12 045' 00.00' W250x17.9 013.7160m	2615632 A992-06	.82 56600 390 476	27.68	.0550 .0580 .0347	.0106 .0137 .0010	.0308 .0025 .0023	.2680 .0116 .0000	.0630 5.2901	.2421 .2781 .1436
W10x12 045' 00.00' W250x17.9 013.7160m	2615635 A992-06	.81 56400 389 491	24.58	.0660 .0740 .0048	.0120 .0178 .0000	.0425 .0017 .0032	.2930 .0108 .0000	.0820 3.4722	.2532 .2875 .1525
W10x17 045' 00.00' W250x23.3 013.7160m	2615479 A992-06	.82 57600 397 486	25.66	.0650 .0410 .0068	.0076 .0143 .0001	.0408 .0024 .0029	.3280 .0134 .0000	.0920 5.5078	.2543 .2970 .1536
W12x22 066' 00.00' W310x32.7 018.2880m	2617945 A992-06	.83 58803 405 486	26.86	.0700 .0300 .0037	.0077 .0049 .0000	.0242 .0022 .0014	.3310 .2460 .0010	.0360 2.6931	.2277 .2689 .1340
W12x22 066' 00.00' W310x32.7 018.2880m	2617947 A992-06	.83 56600 390 473	24.51	.0730 .0300 .0133	.0091 .0050 .0000	.0251 .0021 .0013	.0890 .0268 .0000	.0340 2.6860	.2323 .2751 .1372

Customer PO: C20720
 Customer PO: C20398
 Customer PO: C20398

Inch
 Inch
 Inch

State of South Carolina
 County of Berkeley
 Sworn and subscribed before me

 Attorney At Law
 Metallurgist

 day of _____

=====
 Elongation based on a (20.32cm) gauge length. 'No Weld Repair' was performed.
 CI = 26.01(Cu/100)+(Mn/100)+(Cr/100)-(7.29Cu/Mn)-(9.10Mn/CI)-33.39(Cu/CI)
 PCB = C151/30+(Mo/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mn/15)+(V/10)+5B
 CE1 = C1(Mo/6)+{(Cr-Mo+V)/5}+{(Ni+Cu)/15}
 CE2 = C1{(Mn+Si)/6}+{(Cr-Mo+V+Cu)/5}+{(Ni+Cu)/15}

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

11/25/06 3:12:33
 100% MELTED AND MANUFACTURED IN THE USA
 All beams produced by Nucor-Berkley are cast and
 rolled to & fully killed and fine grain practice.

MILL TEST REPORT
 NUCOR STEEL - BERKLEY
 P.O. Box 2239
 Mt. Pleasant, S.C. 29464
 Phone: (843) 136-6000

Sold To: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492
 Ship To: INFRA METALS CORP - CT
 8 PENI HIGHWAY
 WALLINGFORD, CT 06492
 Customer No.: 502 - 1
 B.O.L. No.: 579942

Specifications: Tested in accordance with ASTM specification A572-50 and A370.
 A572-50 : M270-36-00/A572-50-00
 A572-50 : SA-36
 A572-50 : A572-06 : A572-06-50/A572-06-50/A572-06-50/A572-06-50
 CSA : CSR-44W/C30-21-50W

Description	Heat#	Yield/ Tensile Ratio	Yield (PSI)	Tensile (PSI)	Elong (in/in)	C	Mn	P	S	Si	Cu	Ni	CE1	CE2	Dcn
C8X11.5	1618543	.84	57700	68800	28.29	.0660	.3530	.0070	.0310	.2470	.1170	.0170	.2297	.2764	.1311
035' 00' 00'	A992-06	.83	398	474		.0300	.0150	.0070	.0020	.0030	.0280	.0000			
C200X17.1			56300	69900	27.83	.0010	.0010	.0004	.0009	.0060	.0000	3.2207			
010.6680m		402	482			24 Pieces(s) Customer PO: C20308									
C8X11.5	1618528	.85	60700	71600	26.50	.0686	.0940	.0080	.0317	.2290	.1190	.0450	.2366	.2834	.1351
035' 00' 00'	A992-06		419	494		.0260	.0230	.0066	.0028	.0041	.0332	.0000			
C200X17.1		.84	61200	72800	25.63	.0015	.0016	.0003	.0010	.0061	.0000	3.2653			
010.6680m		422	502			24 Pieces(s) Customer PO: C20308									
C8X13.75	2618597	.84	59300	70000	25.79	.0630	.0530	.0090	.0205	.2580	.1019	.0520	.2267	.2748	.1290
050' 00' 00'	A992-06		409	485		.0240	.0260	.0042	.0042	.0035	.0253	.0000			
C200X20.5		.82	58400	71400	27.63	.0091	.0018	.0007	.0008	.0073	.0000	2.9531			
015.2400m		403	492			48 Pieces(s) Customer PO: C19420									
W12X14	2617861	.82	57200	69900	23.63	.0670	.3350	.0069	.0252	.2260	.1120	.0430	.2311	.2716	.1259
040' 00' 00'	A992-06		394	482		.0370	.0280	.0050	.0002	.0037	.0142	.0000			
W310X21.0		.82	56900	69300	27.04	.0102	.0024	.0015	.0004	.0062	.0000	3.1237			
012.1920m		392	479			92 Pieces(s) Customer PO: C20398									
W12X14	2612915	.82	58400	71500	30.31	.0740	.0020	.0084	.0288	.2280	.1380	.0450	.2490	.2899	.1449
045' 00' 00'	A992-06		403	493		.0350	.0230	.0073	.0000	.0043	.0147	.0000			
W310X21.0		.81	57200	70600	28.30	.0091	.0016	.0000	.0014	.0058	.0000	3.6063			
013.7160m		394	487			16 Pieces(s) Customer PO: C20398									

Chemical Composition: CE1 = C+Mn/6; CE2 = C+Mn/6; NI = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15); Dcn = C+((Ni+Si)/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)

1 hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the purchaser, meet applicable specifications.

Sauce A. Work
 Metallurgist

State of South Carolina
 County of Berkeley
 Sworn and subscribed before me
 _____ day of _____

PO# 17319-15

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Load No: 1075646
Manifest No: 1791534

Ship To: 1
INFER-METALS CORPORATION-CT, R IMPER-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

GRADE 992/572-50
LENGTH 35 FT / 10.668 M
PRODUCT WE BEAMS

SIZE M 18 X 35# / W460 X 52
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30331820

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.95	.014	.031	.26	.37	.10	.08	.015	.012	.003	.003	.020	.3

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Diag. Result	%
56.0	71.1	0.664	24.4	8In	200 mm
57.1	75.0	0.675	26.3	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.2

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 13 of 19

PO# 17200

BAYOU STEEL CORPORATION
(TENNESSEE)

2404 S. ROANE STREET
HARRIMAN, TENNESSEE 37748
Telephone (865) 882-5100

MATERIAL CERTIFICATION REPORT

BUSHWICK METALS INC.
560 NORTH WASHINGTON AVENUE
BRIDGEPORT, CT 06604

TESTED IN **ASTM A6**
ACCORDANCE
WITH

INVOICE NO. BSHM06603888
PRODUCT ROUNDS
HEAT NO. 49647
Length 20'0"

GREAT NECK, NY 11021

DATE 07/18/06

Cust B-5000 -0009

GRADE A3644W

SIZE R 3/4 X 1.502

PO:MO-170

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH	49,000 PSI	338 MPa	49,800 PSI	343 MPa	PSI	MPa
TENSILE STRENGTH	70,600 PSI	487 MPa	71,300 PSI	492 MPa	PSI	MPa
ELONGATION	25.0 %	25.0 %	25.0 %	25.0 %	%	%
GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
BEND TEST DIAMETER	d	d	d	d	d	d
BEND TEST RESULTS	sq in	sq mm	sq in	sq mm	sq in	sq mm
SPECIMEN AREA	%	%	%	%	%	%
REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
IMPACT STRENGTH						

CHEMICAL ANALYSIS	
C	.14
Mn	.77
P	.022
S	.04
Si	.19
Cr	.25
Ni	.20
Cr	.21
Mo	.052
Cb	.000
V	.000
B	
Al	
Sn	
N	
Ti	

Customer Grade & Specs: ASTM A36 CSA G40.20/G40.21-98 GR 44W

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS	GRAIN SIZE
AVERAGE TEST TEMP	ft-lbs	J	SEVERITY FREQUENCY RATING	HARDNESS
ORIENTATION	F	C		GRAIN PRACTICE REDUCTION RATIO

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.



NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME ON 24th DAY OF July 2006
IN ROANE COUNTY, TENNESSEE BY Robert W. Kennedy
COMMISSION EXPIRATION: 11/17/10

SIGNED Robert W. Kennedy
ROBERT W. KENNEDY, GENERAL MANAGER TECHNICAL SERVICES

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.



CERTIFICATE OF TEST

Certification Date
15-NOV-2005

CUSTOMER ORDER NUMBER

1185-R2

EARLE M. JORGENSEN COMPANY
59 SOUTH STREET
HOPKINTON MA 01748

Invoice Number
T533601

CUSTOMER PART NUMBER

503378

SOLD TO: AMERICAN BOLT & NUT CO INC
ATTN: ACCOUNTS PAYABLE
124-126 CARTER ST
CHELSEA MA 02150

SHIP TO: AMERICAN BOLT & NUT CO INC
124-126 CARTER STREET
CHELSEA MA 02150

Description: HR BAR ASTM A36
1-1/2 RD X 20' R/L
HEAT: S72359

Line Total: 4000 LB

ITEM: 503378

Specifications:
ASTM A36 05

CHEMICAL ANALYSIS

C	MN	P	S	SI	CU	NI	CR
0.16	0.61	0.011	0.034	0.24	0.41	0.13	0.13
MO	V	NB	N	SN	AL	TI	CA
0.03	0.001	0.001	0.0133	0.002	0.002	0.0027	0.001
CO							
0.01							

RCPT: R558654

MILL : GERDAU AMERISTEEL

COUNTRY OF ORIGIN : USA

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR KSI	ULT TEN KSI	%ELONG IN 08 IN	%RED IN AREA	HARDNESS
	46.5	69.4	26.3		
	48.5	69.8	27.5		

IDEAL DIAMETER : 0.515 IN

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination.

We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes.

Material did not come in contact with mercury white in our possession.

JIM ROHN

MANAGER, QUALITY ASSURANCE



BAYOU STEEL CORPORATION
(TENNESSEE)

2404 S. ROANE STREET
HARRIMAN, TENNESSEE 37748
Telephone (865) 892-5100

MATERIAL CERTIFICATION REPORT

BUSHWICK METALS INC.
185 GREAT NECK ROAD
SUITE 320
GREAT NECK, NY 11021

BUSHWICK METALS INC.
560 NORTH WASHINGTON AVENUE
BRIDGEPORT, CT 06604

TESTED IN
ACCORDANCE
WITH

ASTM A6

INVOICE NO. BSHM06601688
PRODUCT ROUNDS
HEAT NO. 47191 287 PCS
Length 20'0"

DATE 02/15/06
Cust B-5000 -0009
GRADE A3644W
SIZE R 1 X 2.670

PO: MO1013

CHEMICAL ANALYSIS	TEST 1	TEST 2	TEST 3
C			
Mn			
P			
S			
Si			
Cu			
Ni			
Cr			
Mo			
Ch			
V			
B			
Al			
Sn			
N			
Ti			

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH	51,100 PSI	352 MPa	51,400 PSI	354 MPa	PSI	MPa
TENSILE STRENGTH	76,200 PSI	525 MPa	76,800 PSI	530 MPa	PSI	MPa
ELONGATION	24.0 %	24.0 %	24.0 %	24.0 %	%	%
GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
BEND TEST DIAMETER	d	d	d	d	d	d
BEND TEST RESULTS	sq in	sq mm	sq in	sq mm	sq in	sq mm
SPECIMEN AREA	%	%	%	%	%	%
REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
IMPACT STRENGTH						

IMPACT STRENGTH	INTERNAL CLEANLINESS		GRAIN SIZE HARDNESS
	IMPERIAL	METRIC	
AVERAGE TEST TEMP	ft-lbs	J	GRAIN PRACTICE
ORIENTATION	F	C	REDUCTION RATIO

Customer Grade & Specs: ASTM A36

CSA G40.20/G40.21-98 GR 44W

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME ON 15th DAY OF FEBRUARY, 2006
IN ROANE COUNTY, TENNESSEE BY Robert W. Kennedy
COMMISSION EXPIRATION: 6/17/06

SIGNED Robert W. Kennedy
ROBERT W. KENNEDY, GENERAL MANAGER TECHNICAL SERVICES

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.



BAYOU STEEL CORPORATION
(TENNESSEE)

2404 S. ROANE STREET
HARRIMAN, TENNESSEE 37748
Telephone (865) 882-5100

MATERIAL CERTIFICATION REPORT

BUSHWICK METALS INC.
245 GREAT NECK ROAD
SUITE 202
GREAT NECK, NY 11021

BUSHWICK METALS INC.
560 NORTH WASHINGTON AVENUE
BRIDGEPORT, CT 06604

TESTED IN ACCORDANCE WITH
ASTM A6
INVOICE NO. BSHM04601391
PRODUCT ROUNDS
HEAT NO. 22512 64 Pcs
Length 20'0"

DATE 01/12/04
Cust B-5000 -0009
GRADE A36 -01
SIZE R 1-3/4 X 8.178

CHEMICAL ANALYSIS	
C	.13
Mn	.74
P	.023
S	.031
Si	.20
Cu	.34
Ni	.14
Cr	.14
Mo	.024
Cb	.000
V	.000
B	
Al	
Sn	
N	
Ti	

Cl	
CE	.32

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH	41,500 PSI	286 MPa	40,100 PSI	276 MPa	PSI	MPa
TENSILE STRENGTH	65,000 PSI	448 MPa	65,600 PSI	452 MPa	PSI	MPa
ELONGATION	25.0 %	25.0 %	26.0 %	26.0 %	%	%
GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
BEND TEST DIAMETER	d	d	d	d	d	d
BEND TEST RESULTS	sq in	sq mm	sq in	sq mm	sq in	sq mm
SPECIMEN AREA	%	%	%	%	%	%
REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
IMPACT STRENGTH						

IMPACT STRENGTH	INTERNAL CLEANLINESS		GRAIN SIZE
	IMPERIAL	METRIC	
AVERAGE TEST TEMP ORIENTATION	ft-lbs F	J C	GRAIN PRACTICE REDUCTION RATIO

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
SWORN TO AND SUBSCRIBED BEFORE ME on 2nd DAY OF January 2004
IN ROANE COUNTY, TENNESSEE BY Robert W. Kennedy
COMMISSION EXPIRES: 02/17/06

SIGNED Robert W. Kennedy
ROBERT W. KENNEDY GENERAL MANAGER TECHNICAL SERVICES

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

MILL TEST REPORT

FROM: NUCOR STEEL
AT: A DIVISION OF NUCOR CORPORATION

Freight Prepaid

nucor steel

A Division of NUCOR Corporation
TELEPHONE 843/393-5841

BILL OF LADING NO. 234565

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

BL Printed: 8/03/98 11:00:15 Lot # 59153 BOL # 234581

MELTED AND MANUFACTURED IN THE U.S.A.

SOLD TO: Cstm# 9045

BUSHVICK IRON & STEEL CO., INC.
560 N. WASHINGTON ST.
SUITE 201

GREAT BRIDGE, WY
515-331-1771

SHIP TO:

BUSHVICK IRON AND STEEL CO.
560 N. WASHINGTON ST.

BRIDGEPORT, CONN.

203-575-1800 05504

11021

BRIDGE, WY

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Yield	EL	C	Mn	Si	P	S	V	Nb	Cu	Cr	NI	Mo	
198012451	SP568	4X 3/4X	3/8 A36	20' 00"	28	5,095	681265	66000	48000	32	.12	.79	.16	.040	.010	.002	.00	.44	.05	.14	.03
198008129	SP668	2 3/4	A36	20' 00"	13	5,389	681339	69000	44000	24	.15	.73	.20	.040	.028	.003	.00	.54	.15	.14	.03
198023741	SP668	2 1/4	A36	20' 00"	19	5,208	682352	67000	46000	28	.12	.68	.17	.040	.020	.002	.00	.42	.07	.13	.02
198023742	SP668	2 1/4	A36	20' 00"	19	5,208	682352	67000	45000	28	.12	.68	.17	.040	.020	.002	.00	.41	.07	.13	.02
198023558	SP668	2 1/2 *	A36	20' 00"	15	5,069	682393	55000	44000	24	.18	.71	.18	.040	.010	.002	.00	.43	.06	.14	.03
198015116	SP-410	3X	3/8 A36	40' 00"	44	10,384	683273	67000	46000	25	.12	.63	.15	.040	.010	.002	.00	.45	.11	.13	.03
198019117	EP-410	3X	3/8 A36	40' 00"	44	10,384	683273	67000	48000	25	.12	.63	.15	.040	.010	.002	.00	.45	.11	.13	.03

Total 182 46,738 Tons 28,369

FAX PAPERWORK TO IEMA 516/482-0808* CUST REL ONLY* NO DEL AFTER 12NOON*
MUST CALL 24/48 HRS 24 FOR APPT* MUST HAVE MILL NAME & R/L# NO APPT. WITHOUT
THIS INFORMATION--PP
PP SHIP ASAP

NUCOR STEEL CUSTOMER
P.O. BOX 525
DARLINGTON, S.C. 29532

303964

Permanent post office address of shipper

Date: 8/10/97 SLS-FRM-08
REVISION: 1

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL

JAMES H. BLEV

CHIEF, METALLURGY

SLS-FRM-08

50 005



BAYOU STEEL CORPORATION
(TENNESSEE)

MATERIAL CERTIFICATION REPORT

10# 17255

2404 S. ROANE STREET
HARRIMAN, TENNESSEE 37748
Telephone (865) 982-5100

BUSHWICK METALS INC.
185 GREAT NECK ROAD
SUITE 320
GREAT NECK, NY 11021

BUSHWICK METALS INC.
560 NORTH WASHINGTON AVENUE
BRIDGEPORT, CT 06604

TESTED IN ACCORDANCE WITH
ASTM A6

INVOICE NO. BSHM06603888
PRODUCT ROUNDS
HEAT NO. 49647 153 Pcs
Length 20'0"

DATE 07/18/06
Cust B-5000 -0009
GRADE A3644W
SIZE R 3/4 X 1.502

PO:MO-170

CHEMICAL ANALYSIS	
C	.14
Mn	.77
P	.022
S	.04
Si	.19
Cu	.25
Ni	.20
Cr	.21
Mo	.052
Cb	.000
V	.000
B	.000
Al	
Sn	
N	
TI	

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH	49,000 PSI	338 MPa	49,800 PSI	343 MPa	PSI	MPa
TENSILE STRENGTH	70,600 PSI	487 MPa	71,300 PSI	492 MPa	PSI	MPa
ELONGATION	25.0 %	25.0 %	25.0 %	25.0 %	%	%
GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
BEND TEST DIAMETER	d	d	d	d	d	d
BEND TEST RESULTS						
SPECIMEN AREA	sq in	sq mm	sq in	sq mm	sq in	sq mm
REDUCTION OF AREA	%	%	%	%	%	%
IMPACT STRENGTH	ft-lbs	J	ft-lbs	J	ft-lbs	J
IMPACT STRENGTH	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
AVERAGE TEST TEMP	F	C				
ORIENTATION						

Customer Grade & Specs: ASTM A36

CSA G40.20/G40.21-98 GR 44W

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
SWORN TO AND SUBSCRIBED BEFORE ME ON 24th DAY OF JULY 2006
IN ROANE COUNTY, TENNESSEE BY *Robert W. Kennedy*



SIGNED *Robert W. Kennedy*
ROBERT W. KENNEDY, GENERAL MANAGER TECHNICAL SERVICES
DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7892 (USA)



CUSTOM MADE BOLTS

AMERICAN BOLT & NUT CO., INC.

MANUFACTURER
AND
DISTRIBUTORS

124 - 138 CARTER STREET - CHELSEA, MASSACHUSETTS 02150

TELEPHONE (617) 884-3331 - FAX (617) 884-9359

CERTIFICATE OF COMPLIANCE

Date NOVEMBER 2, 2006

To AMERICAN STEEL FAB.

DEPOT ST.

GREENFIELD, N.H. 03047
Gentlemen:

We do hereby certify that the parts and or materials purchased on your purchase order # 17253 listed on our invoice # 182778 dated 11-2-06 and shipped to you at the above address does comply with ASTM specifications as required.

ITEM # (2) HEAVY HEX NUTS A563 GRA 3/4"-10
ITEM # (3) USS ROUND FLAT WASHER F844 3/4"

Test reports ARE NOT available for your inspection.

Test reports ARE AVAILABLE on file for your inspection.

AMERICAN BOLT AND NUT CO., INC.

Ralph Carbone Jr.
Michael F. Cassidy

Sworn to and subscribed before me Angelo G. Giannasi

A Notary Public this day of

My Commission Expires ANGELO G. GIANNASI, Notary Public
My Commission Expires February 7, 2003

PO# 17256

BAYOU STEEL CORPORATION
(TENNESSEE)

2404 S. ROANE STREET
HARRIMAN, TENNESSEE 37748
Telephone (865) 882-5100

MATERIAL CERTIFICATION REPORT

BUSHWICK METALS INC.
185 GREAT NECK ROAD
SUITE 320
GREAT NECK, NY 11021

BUSHWICK METALS INC.
560 NORTH WASHINGTON AVENUE
BRIDGEPORT, CT 06604

TESTED IN **ASTM A6** INVOICE NO. **BSHM06601688** DATE **02/15/06** PO: **MO1013**
 ACCORDANCE WITH **PRODUCT ROUNDS** CUST B-5000 -0009
HEAT NO. 47191 287 POS GRADE **A3644W**
Length 20'0" SIZE **R 1 X 2.670**

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C .16	YIELD STRENGTH	51,100 PSI	352 MPa	51,400 PSI	354 MPa	PSI	MPa
Mn .78	TENSILE STRENGTH	76,200 PSI	525 MPa	76,800 PSI	530 MPa	PSI	MPa
P .019	ELONGATION	24.0 %	24.0 %	24.0 %	24.0 %	%	%
S .03	GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
Si .17	BEND TEST DIAMETER	d	d	d	d	d	d
Cu .36	BEND TEST RESULTS	sq in	sq mm	sq in	sq mm	sq in	sq mm
Ni .19	SPECIMEN AREA	%	%	%	%	%	%
Cr .13	REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo .048	IMPACT STRENGTH						
Cb .000							
V .000							
	IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS		GRAIN SIZE	
	AVERAGE	ft-lbs	J	SEVERITY		HARDNESS	
	TEST TEMP	F	C	FREQUENCY		REDUCTION RATIO	
	ORIENTATION			RATING			

Customer Grade & Specs: **ASTM A36** **CSA G40.20/G40.21-98 GR 44W**

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS. AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME 21st DAY OF FEBRUARY, 2006
 IN ROANE COUNTY, TENNESSEE BY Robert W. Kennedy
 COMMISSION EXPIRATION: 6/17/06

SIGNED Robert W. Kennedy
 ROBERT W. KENNEDY, GENERAL MANAGER TECHNICAL SERVICES

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.



AMERICAN BOLT & NUT CO., INC.

MANUFACTURER
AND
DISTRIBUTORS

124 - 138 CARTER STREET - CHELSEA, MASSACHUSETTS 02150

TELEPHONE (617) 884-3331 - FAX (617) 884-9359

CERTIFICATE OF COMPLIANCE

Date NOVEMBER 7, 2006

To AMERICAN STEEL FAB.
DEPOT ST.
GREENFIELD, N.H. 03047
Gentlemen:

We do hereby certify that the parts and or materials purchased on your purchase order # 17256 listed on our invoice # 182818 dated 11-6-06 and shipped to you at the above address does comply with ASTM specifications as required.

ITEMS # (2) AND (5) HEAVY HEX NUT A563 GRA 1-8

ITEMS # (3) AND (6) USS ROUND FLAT WASHER F844 1/4

Test reports ARE NOT available for your inspection.

Test reports ARE AVAILABLE on file for your inspection.

AMERICAN BOLT AND NUT CO., INC.

Ralph Ashmore Jr.

Michael F. Cassidy

Sworn to and subscribed before me Angelo G. Giammasi

A Notary Public this day of

My Commission Expires **ANGELO G. GIAMMASI, Notary Public**
My Commission Expires February 7, 2003

PO# 17319-1

DATE 7/13/06
 INVOICE NO 58630
 BILL OF LADING 794220
 CUSTOMER NO. 9310
 CUSTOMER P.O. C13982

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P Y O
 INFRA-METALS CORP
 8 FENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 FENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YLD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG % %	CHARPY IMPACT TEMP °F °C	IMPACT ENERGY FT-LBS Joules	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
1	W24 - 62.0 35' W610 x 92.0 10.668 M	3	277848	.75	54000	72000	26			.06	1.10	.013	.028	.25	.31	.12	.10	.04	.01	.017	.30
2	W24 - 62.0 35' W610 x 92.0 10.668 M	6	278074	.73	52000	71000	27			.07	1.20	.014	.029	.28	.28	.11	.08	.03	.01	.018	.32
3	W24 - 62.0 35' W610 x 92.0 10.668 M	3	278077	.74	50000	68000	28			.07	1.06	.022	.035	.23	.30	.11	.13	.03	.01	.015	.31

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

13 Day of 07/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE	9/11/06
INVOICE NO.	74033
BILL OF LADING	804156
CUSTOMER NO.	9310
CUSTOMER P.O.	P C18841 FF

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H:
I P:
T O:
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S O L D T O:
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES				CHARPY IMPACT		CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	TEMP	IMPACT ENERGY	C	Mn	P	S	SI	Cu	NI	Cr	Mo	V	Cb	CE	
					PSI	MPa																PSI
1	W24 - 68.0	6	281140	.76	55000	72000	23			.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33	
	35'			.77	56000	73000	24											.01	.17			
	W610 x101.0 10.668 M					379	496	23														
2	W24 - 68.0	9	280993	.78	58000	74000	25			.07	1.21	.012	.025	.22	.25	.09	.08	.03	.00	.014	.31	
	60'			.81	58000	72000	27											.01	.15			
	W610 x101.0 18.288 M					400	510	25														
3	W24 - 68.0	3	281000	.81	62000	77000	23			.08	1.22	.012	.022	.24	.28	.08	.09	.03	.00	.017	.32	
	60'			.82	62000	76000	25											.01	.16			
	W610 x101.0 18.288 M					427	531	23														
4	W24 - 76.0	3	280796	.75	55000	73000	25			.08	1.20	.016	.021	.21	.37	.12	.10	.03	.00	.014	.34	
	40'			.75	55000	73000	24											.01	.18			
	W610 x113.0 12.192 M					379	503	25														
5	W24 - 76.0	3	280915	.78	57000	73000	26			.07	1.21	.020	.022	.20	.33	.11	.13	.03	.00	.014	.33	
	40'			.77	56000	73000	25											.01	.17			
	W610 x113.0 12.192 M					393	503	26														
6	W24 - 76.0	3	280797	.76	56000	74000	26			.08	1.23	.019	.023	.22	.38	.14	.13	.03	.00	.015	.35	
	60'			.75	57000	76000	24											.01	.18			
	W610 x113.0 18.288 M					386	510	26														
7	W24 - 76.0	3	280799	.75	55000	73000	26			.08	1.22	.019	.021	.23	.32	.12	.13	.03	.00	.015	.34	
	60'			.75	55000	73000	26											.01	.18			
	W610 x113.0 18.288 M					379	503	26														

CARBON EQUIVALENT: $CE(Fe) = C + Mn/6 + (Cr+Mo)/5 + (Ni+Cu)/15$

ELONGATION BASED ON 8.00 INCH GUAGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell

QUALITY ASSURANCE

CUSTOMER COPY

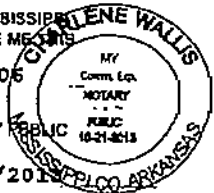
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

11 Day of 09/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2010



PO# 17387

CERTIFIED TEST REPORT



BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

30 pcs. = 5100
HEAT# 86187
DATE SHIPPED 9/05/2006
SHIPMENT# 0283905
SIZE: FL 5 X 1/2
ORDER ITEM# 179793/ 18
SOLD TO: INFRA-METALS CORP - CT
FAX/EMAIL: 2032942993

CUST. P.O. C20196
PART #: FLO00805
GRADE : ASTM A36-05/CSA-44W
SPEC A709-05A GR36
SUPP. REQ:
SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CB	MO	SN	V	CB	TI	B	N2	O2
190	650	170	0.15	0.038	0.390	1000	140	0.27	0.24	0.02	0.010	0.030	0.014	XXX	0.04

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
50.00	71.20	8	32.5	.0	.0
49.10	71.60	8	34.4	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

05-Sep-06 11:28 Ref: 0429549

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

8C/02035
131200

Grain Size Reduction Ratio As Rolled Hardness D I C F C J

XXX XXX .393 XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

MATERIAL CERTIFICATION REPORT

INTRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INTRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INTRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INVOICE NO. DATE 09/21/06
PRODUCT FIATS CUST I-3443 -0000
HEAT NO. 48150 GRADE A3644W
Length 20'0" SIZE F 3-1/2 X 1/2 X 5.957

PO: C19386

TESTED IN ASTM A6
ACCORDANCE WITH

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	YIELD STRENGTH	51,800 PSI	357 MPa	51,400 PSI	354 MPa	PSI	MPa
Mn	TENSILE STRENGTH	76,300 PSI	526 MPa	75,800 PSI	523 MPa	PSI	MPa
P	ELONGATION	26.0 %	26.0 %	26.0 %	26.0 %	%	%
S	GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
Si	BEND TEST DIAMETER	d	d	d	d	d	d
Cu	BEND TEST RESULTS	sq in	sq mm	sq in	sq mm	sq in	sq mm
Ni	SPECIMEN AREA	%	%	%	%	%	%
Cr	REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo	IMPACT STRENGTH						
Cb							
V							
B							
Al							
Sn							
N							
Ti							

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS	
			SEVERITY RATING	FREQUENCY RATING
AVERAGE TEST TEMP ORIENTATION	ft-lbs	J		
	F	C		

Customer Grade & Specs: ASTM A36 CSA G40.20/G40.21-98 GR 44W

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PICSANITIED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
SWORN TO AND SUBSCRIBED BEFORE ME ON _____ DAY OF _____, 20____
IN ROANE COUNTY, TENNESSEE BY _____
COMMISSION EXPIRATION: _____

SIGNED *Robert W. Kennedy*
ROBERT W. KENNEDY, GENERAL MANAGER TECHNICAL SERVICES

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 Fields, South Carolina

DL Printed: 10/28/06 23:30:20 Load # 94592 BOL # 43828

BILL OF LADING NO.

43828
PAGE 1

Prepaid

R 3

CUSCH 4336 TTPR804419
 INFER-METALS

SOLD TO: 8 DENI RICHWAY, TRUCK #553
 WALLINGFORD, CT 06492

SHIP TO: 8 DENI RICHWAY, TRUCK #553
 WALLINGFORD, CT 06492

INFER-METALS

Tag No.	P.O.	Spec	Length	Ycs	Weight	Heat #	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	NI	Mo	CE
406079636	C20236	A329-50	50' 30"	30	12,300	766190	53000	27	.22	.69	.16	.010	.010	.004	.00	.39	.17	.11	.02	.40
406079635	C20236	A329-50	50' 00"	30	12,300	766191	51000	27	.19	.69	.16	.030	.020	.005	.00	.39	.15	.12	.02	.37
406083856	C20130	A329-50	50' 00"	15	9,720	766480	43000	24	.13	.68	.17	.030	.010	.003	.00	.46	.11	.11	.03	.30
406083857	C20130	A329-50	50' 00"	15	9,720	766480	42000	25	.13	.68	.17	.030	.010	.003	.00	.46	.11	.11	.03	.30
406083861	C20130	A329-50	50' 00"	15	9,720	766480	42000	25	.13	.69	.17	.030	.010	.003	.00	.46	.11	.11	.03	.30
406083862	C20130	A329-50	50' 00"	15	9,720	766480	43000	24	.13	.68	.17	.030	.010	.003	.00	.46	.11	.11	.03	.30
406083863	C20130	A329-50	50' 00"	15	9,720	766480	42000	25	.13	.68	.17	.030	.010	.003	.00	.46	.11	.11	.03	.30
406084175	C19426	A36	40' 00"	24	5,888	766498	78000	21	.21	.76	.16	.040	.010	.003	.00	.36	.14	.11	.03	.40
406084180	C19426	A36	40' 00"	24	5,888	766498	78000	21	.21	.76	.16	.040	.010	.003	.00	.36	.14	.11	.03	.40

NUCOR STEEL SC PAGE 002 OF 003 FROM:

B4: B5 10/29/2006 10:08:202942993

SIS-FRK-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Jlew
 Chief Metallurgist

MADE BY FAX-SIS (803) 200-6521

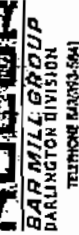
MILL TEST REPORT

FROM **NUCOR**
BAR MILL GROUP
 DARLINGTON DIVISION
 3181ds, South Carolina

SI Printed: 10/28/06 23:30:20

Lead # 94592

80L H 438828



438828
PRICE

2

NUCOR STEEL SC PAGE 003 of 003

Prepold

R J

CUS-N 4936

18FRA-METALS

71P8804415

18FRA-METALS

SOLD TO: 8 PENY HIGHWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410

SHIP TO: 8 PENY HIGHWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410

06492

06492

18 Roll

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	EL	C	Mn	SL	S	P	V	Nb	Cu	Cr	Ni	Mo	CE
406084181	C19426	6X	5/16 A36/36X	40' 00"	24	9,888	766498	77000	53000	21	.21	.76	.16	.040	.010	.003	.00	.36	.14	.11	.03	.40
406084182	C19426	6X	4X 5/16 A36/36M	40' 00"	24	9,888	766498	78000	54000	22	.21	.76	.16	.040	.010	.003	.00	.36	.14	.11	.03	.40
406084183	C19426	6X	4X 5/16 A36/36M	40' 00"	24	9,888	766498	78000	50000	22	.21	.76	.16	.040	.010	.003	.00	.36	.14	.11	.03	.40
406084175	C19426	6X	4X 5/16 A36/36M	40' 00"	24	9,888	766500	78000	54000	22	.21	.76	.17	.050	.010	.003	.00	.38	.16	.11	.03	.40
406084771	C19426	5X 31/2X	1/4 A36/36M	40' 00"	35	9,800	766538	71000	50000	24	.19	.68	.13	.040	.010	.003	.00	.39	.13	.10	.02	.36
406084773	C19426	5X 31/2X	1/4 A36/36M	40' 00"	35	9,800	766538	71000	50000	24	.19	.68	.13	.040	.010	.003	.00	.39	.13	.10	.02	.36
406084765	C19426	5X 31/2X	1/4 A36/36M	40' 00"	35	9,800	766541	73000	52000	20	.20	.73	.14	.040	.010	.003	.00	.36	.11	.09	.02	.37
406084766	C19426	5X 31/2X	1/4 A36/36M	40' 00"	35	9,800	766541	73000	52000	20	.20	.73	.14	.040	.010	.003	.00	.36	.11	.09	.02	.37

Total 437,179,106 Tons 89,554
 Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), and A572 GR36(250).
 Grade A36/A36H meets all requirements for grades ASTM A36, A572 GR36(250), ASME SA36(250), and ASME SA36H(250)

MAX WEIGHT ON RAIL MUST NOT EXCEED 263,000LB. SCRF-FLORE-CSXI-WSPRI-C50
 RAILCAR MUST BE TARPED!!! CALL DAVE DUDZINSKI FOR RPT 800-243-4410
 XCRB SHIP 68 GORDONSH BURGHEVER BLK. FAX B/L CARR. TO BOB 203-299-2993
 PP 1.99 THRU 9/30/07. (DUEL GRADE CR CALL) SHIP MATERIAL ASR 90 TONS ROLL

SIS-FRM-03 REVISION:11 REVISIONS DATE: 8/10/97

Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL.

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H B
 James H. Blev
 Chief Metallurgist

MADE BY **NUCOR** (PART 100-432)



SMI Steel - Alabama and South Carolina

SMI Steel - Alabama SMI Steel - South Carolina
 P.O. Box 321188 Box 2805
 Birmingham, AL 35232-1188 Cayce, SC 29171-2005
 www.smi-al.com www.smi-sc.com

CERTIFIED MILL TEST REPORT

For Additional copies call (800) 621-0262

We hereby certify that the test results presented here
 are accurate and conform to the reported grade
 Charalshus Saha, Chairman
 Quality Assurance Manager

HEAT NO: SECTION: GRADE: WEIGHT/PCS:	155574 L 4X4X5/16 X400" L 102A102X7.9X12.192 ASTM A529-04-50/ASTM A36-04 ASTM A529M-04-50/ASTM A36M-04 49.200 / 150	S O L D T O	S I P T O	S H I P T O	S I N F R A M E T A L S C O N S T R U C T I O N W A L L I N G F O R D C T 0 6 4 9 2	S H I P T O	S H I P T O	101565/91 236230 C17956
---	--	----------------------------	-----------------------	----------------------------	--	----------------------------	----------------------------	-------------------------------

	MECHANICAL			TEST 1		TEST 2		TEST 3	
	IMPERIAL		METRIC	IMPERIAL		METRIC	IMPERIAL		METRIC
Yield Strength	57.8KSI	398.8MPA	57.3KSI	395.3MPA	57.3KSI	395.3MPA			
Tensile Strength	79.2KSI	545.9MPA	78.6KSI	542.1MPA	78.6KSI	542.1MPA			
Elongation	23%	23%	23%	23%	23%	23%			
Gauge Length	8TNS	203MM	8TNS	203MM	8TNS	203MM			
Reduction of Area									
Bend Test									
Diameter									
Charpy Impact									
Test Temp									
Sample Size									
Orientation									
Hardness									

JOMINY RESULTS - Rockwell C hardness at 1/16th inch increments																
GRAIN SIZE																
INCLUSION RATING																
1	2	3	4	5	6	7	8	9	10	11	12	METHOD	A	B	C	D
												TYPE	T	R	T	H
13	14	15	16	18	20	22	24	26	28	30	32	RESULT				
												SIZE				

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

REMARKS

Meas Specifications IN GRADE, ASTM A36-04, ASTM A36-04/CAN/CSA G40.21 44
 ASTM A36-04/A572-04 GR50 TP1, ASTM A36-04, CAN/CSA-G40.21-04 44W Meas Specifications CAN/CSA G40.21-04 44W/50W, CAN/CSA G40.21-04 50W
 ASTM A529-04 GRADE 50, ASTM A529-04-50/A529-04-55, ASTM A572-04 50 TP 1 Meas Specifications ASTM A709-04a GR 36, ASTM A709-04a GRADE 50 TP 1
 ASME SA-36-02a, ASTM A529-04-50/ASTM A36-04

PO# 17396

CERTIFIED TEST REPORT

54 pcs. = 10152

HEAT# A3619
 DATE SHIPPED 10/05/2005
 SHIPMENT # 0260558
 SIZE: AN 2 X 2 X 3/8
 ORDER ITEM# 166010/ 03
 SOLD TO: INFRA-METALS CORP - CT
 FAX#EMAIL: 2032942993

NUCOR
 BAR MILL - AUBURN
 NUCOR STEEL AUBURN, INC.
 P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

CUST. P.O. C18045
 PART #:
 GRADE : ASTM A36-04/A709 GR36
 SPEC : CSA G40.21-98 GR44W
 SUPP. REC:
 SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
J10	7.90	1.70	0.22	0.45	3.00	0.0900	1.50	0.29	0.25	0.02	0.020	0.030	0.004	XXX	0.01

MECHANICAL RESULTS

YIELD TENSILE	GAUGE LENGTH	% ELONG	BEND PIN DIA	% BEND	R.A.
48.20	B	33.8	.0	.0	.0
48.00	B	33.8	.0	.0	.0
MPa	GAUGE LENGTH	% ELONG	BEND PIN DIA	% BEND	R.A.

CHARTY IMPACT TEST

TEMP. F	FT. LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

Grain Size: XXX Reduction Ratio: XXX As-Rolled Hardness: XXX D.I: XXX C.F: .382 C.I: XXX

(print) Jim Biernat

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat
 (Sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

CF/02002
 131200

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M1183-98 GR.36

PO#17418

LOAD



CHARTER STEEL

CHARTER STEEL TEST REPORT Reverse Has Text And Codes

A Division of
Charter Manufacturing Company, Inc.

1658 Cold Springs Road
Saukville, Wisconsin 53080

(262) 268-2400

1-800-437-8789

FAX (262) 268-2570

UNYTITE, INC.
ONE UNYTITE DRIVE
PERU, IL 61354-
Attn: ATTEN: JEAN MARGHERIO

Cust. P.O.	29646
Cust Part#	C10B30SCO.732D
Charter Sales Order	177723
Heat #	446440
Ship Lot #	500609
Grade#	10B30 M SK FG RHQ
Process	DD
Finish Size	0.732

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and on the reverse side, and that it satisfies those requirements.

Test Results of Heat Lot# 446440

Lab Code: 7388												
Chemistry	C	MN	P	S	SI	NI	CR	MO	CU	SN	V	
Wt%	0.33	0.78	0.006	0.006	0.290	0.05	0.05	0.01	0.08	0.007	0.001	
	AL	N	B	TI	NB							
	0.024	0.0070	0.0028	0.020	0.001							
Jominy (HRC)	JOM01	JOM02	JOM03	JOM04	JOM05	JOM06	JOM07	JOM08	JOM09	JOM10	JOM11	JOM12
	55	53	52	50	34	25	24	23	22	22	21	21
	JOM13	JOM14	JOM15	JOM16	JOM18	JOM20	JOM22	JOM24	JOM26	JOM28	JOM30	JOM32
	20	0	0	0	0	0	0	0	0	0	0	0

JOMINY SAMPLE TYPE ENGLISH = R JOMINY LAB = 0358-01
CHEM. DEVIATION EXT.-GREEN = N/R
E45 INCLUSION LAB = 0358-02

Cleanliness	ASTM-E45 Method A				
	A	B	C	D	
	Thin	0.5	1.5	0.0	0.5
	Heavy	0.0	0.0	0.0	0.0

Test Results of Rolling Lot # 351580

QC DEVIATION EXT.-GREEN = N/R

Test Results of Processing Lot # 500609

	# of Tests	Min Value	Max Value	Mean Value	
TENSILE (KSI)	3	96.6	97.5	97.2	TENSILE LAB = 0358-02
REDUCTION OF AREA (%)	3	51	52	52	RA LAB = 0358-02
ROCKWELL B (HRBW)	3	90	92	91	RB LAB = 0358-02
WIRE SIZE (Inches)	3	0.731	0.731	0.731	
WIRE OUT OF ROUND (Inches)	3	0.000	0.000	0.000	
QC DEVIATION EXT.-PROCESSED = N/R					

Specifications: Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
Customer Document = UNYTITE Revision = 5 Dated = 8-MAY-2003

Additional Comments:

Charter Steel
Saukville, WI, USA



Tim Leahy
Tim Leahy
Manager of Quality Assurance
11/03/2006

The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled and processed in the United States.
2. Mercury was not used during the manufacture of this product; nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSMD	Charter Steel Melting Division	1658 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSR/ CSPD	Charter Steel Rolling/ Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	P4	Charter Steel Ohio Processing Division	6255 US Highway 23, Risingsun, OH 43457
0358-04	125544	CSC	Charter Steel Cleveland	4300 E. 49 th St., Cuyahoga Heights, OH 44125-1004
*	*	-	Subcontracted test performed by laboratory not in Charter Steel system	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

Test	Possible Laboratory	Specification
Chemistry Analysis	CSMD	ASTM E415; ASTM E1019
Macroetch	CSMD	ASTM E381
Hardenability (Jominy)	CSMD	ASTM A255; JIS G0561
Grain Size	CSMD	ASTM E112
Tensile Test	CSR/CSR/CSR, P4, CSC	ASTM E8; ASTM A370
Rockwell Hardness	CSR/CSR/CSR, P4, CSC	ASTM E18; ASTM A370
Microstructure (spheroidization)	CSR/CSR/CSR, P4	ASTM A892
Cleanliness	CSR/CSR/CSR, CSC	ASTM E45

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/07.

All other test results associated with a Charter Steel laboratory that appear on the front of this report, if any, were performed according to documented procedures developed by Charter Steel and are not accredited by A2LA.

6. The test results on the front of this report are the true values measured on the samples taken from the production lot. They do not apply to any other sample.
7. This test report cannot be reproduced or distributed except in full without the written permission of Charter Steel. The primary customer whose name and address appear on the front of this form may reproduce this test report, subject to the following restrictions:
 - It may be distributed only to their customers
 - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgment (designated by our Purchase Order number) to the customer's purchase order. Both Purchase Order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.



CERTIFIED MATERIAL TEST REPORT

CUSTOMER ORDER NUMBER P001071	CUSTOMER PART NUMBER B1045SC10000	HEAT NUMBER M22208	WORK ORDER NUMBER 202634 102	DATE 11/07/06
---	---	------------------------------	--	-------------------------

REPORT TO
TRACO
UNYTITE, INC.

ONE UNYTITE DRIVE

PERU , IL 61354-9710

SHIP TO

UNYTITE, INC.

ONE UNYTITE DRIVE

PERU , IL 61354

ORDERED

GRADE 1045	SIZE 1" RND	LENGTH 24' 10 1/2"
----------------------	-----------------------	------------------------------

CUSTOMER SPECIFICATIONS
SAE 1045; ASTM E381-91

CHEMICAL ANALYSIS - (BAR AVERAGE)

C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Sn	Al
0.45	0.81	0.022	0.034	0.24	0.07	0.14	0.03	0.18	0.007	0.003
V	Nb									
0.055	0.002									

GRAIN SIZE SPECIFICATION ASTM E112 FINE GRAIN 5-8

MACROCLEANLINESS SPECIFICATION ASTM E381

PLATE I

PLATE II ✓

AVERAGE	S	R	C	NONE
	1	1	1	

DECARB SPECIFICATION ASTM E1077

F TOTAL= 0.004

PAGE 1

We certify that these data are correct and in compliance with specified requirements.

MACSTEEL
3000 East Front Street
Monroe, MI 48161

MACSTEEL-JACKSON
MACSTEEL-FT SMITH
MACSTEEL-MONROE


Quality Assurance Representative

CERTIFIED MATERIAL TEST REPORT

CUSTOMER ORDER NUMBER	CUSTOMER PART NUMBER	HEAT NUMBER	WORK ORDER NUMBER	DATE
P001071	B1045SC10000	M22208	202634 102	11/07/06

REPORT TO
TRACO
UNYTITE, INC.

ONE UNYTITE DRIVE
PERU , IL 61354-9710

SHIP TO

UNYTITE, INC.
ONE UNYTITE DRIVE
PERU , IL 61354

ORDERED

GRADE	SIZE	LENGTH
1045	1" RND	24' 10 1/2"

CUSTOMER SPECIFICATIONS
SAE 1045; ASTM E381-91

REDUCTION RATIO

RATIO= 45:8 TO 1.0

** MATERIAL 100% MELTED AND MANUFACTURED IN THE U.S.A. BY THE ELECTRIC ARC FURNACE AND CONTINUOUS CASTING METHOD. THE PRODUCT HAS NOT BEEN REPAIRED BY WELDING AND THIS MATERIAL HAS NOT BEEN EXPOSED TO MERCURY OR TO ANY OTHER METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURES DURING PROCESSING OR WHILE IN OUR POSSESSION. **

PAGE 2 OF 2

We certify that these data are correct and in compliance with specified requirements.

MACSTEEL
3000 East Front Street
Monroe, MI 48161

MACSTEEL-JACKSON
MACSTEEL-FT SMITH
MACSTEEL-MONROE


Quality Assurance Representative

B 8754



640 Lavoy Road
Erie, MI 48133
Phone: 734/848-2915 Fax: 734/848-8734

CERTIFICATE OF ANALYSIS

CUSTOMER ORDER NO: 14543	CERTIFICATION NO: 2 -217419	SHIPPER NO: 2 -217419	CERTIFIED DATE: 10/18/06
CUSTOMER PART NO: P1480H01	RF	SIZE: .1220 _x 5.5000 _x COIL	GRADE: SAB J403 1040
CUSTOMER: PRESTIGE STAMPING INC. ** P O BOX 1086 WARREN MI 480901086		COILING SPECIFICATION: TESTED AND MANUFACTURED IN THE U.S.A.	

ATTENTION:

~~All units of measurement for chemistry are in weight percent.~~

COIL NO.	HEAT NUMBER	CHEMISTRY AND MECHANICAL PROPERTIES
KE7801	9403080	C = 0.370 MN= 0.720 P = 0.008 S = 0.004 SI= 0.070 AL= 0.047

RECEIVED

OCT 19 2006

Time

[Signature]
Agent for Heidman Steel Products, Inc.

THE ABOVE MECHANICAL AND CHEMICAL ANALYSES WERE SUPPLIED
BY THE PRODUCING MILL OR TESTED ON OUR OWN EQUIPMENT.
Form No. FQC 001-Rev. 2

HAYDON BOLTS, INC.

AMERICAN STEEL FABRICATORS INC

Customer PO 17418

Invoice No. B6120518

Invoice Date 12/12/06

Sales Order K06121

Cert No Inv Line No Item No

Quantity Lot No

Heat

Assembly No Haydon PO

30787 70000 PTU075200

280 JH661A

450160

A47284

LOAD


 CHARTER
STEEL

CHARTER STEEL

CHARTER STEEL TEST REPORT
 Reverse Has Text And Codes

 A Division of
 Charter Manufacturing Company, Inc.

 1658 Cold Springs Road
 Saukville, Wisconsin 53080
 (262) 268-2400
 1-800-437-8789
 FAX (262) 268-2570

UNYTITE, INC.
ONE UNYTITE DRIVE
PERU, IL 61354-
Attn: ATTEN: JEAN MARGHERIO

Cust. P.O.	29646
Cust. Part#	C10B30SCO.732D
Charter Sales Order	177723
Heat #	450160
Ship Lot #	501644
Grade#	10B30 M SK FG RHQ
Process	DD
Finish Size	0.732

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and on the reverse side, and that it satisfies those requirements.

Test Results of Heat Lot# 450160

Lab Code: 7388

Chemistry	C	MN	P	S	SI	NI	CR	MO	CU	SN	V
Wt%	0.31	0.84	0.007	0.008	0.270	0.05	0.05	0.01	0.10	0.007	0.001
	AL	N	B	TI	NB						
	0.023	0.0060	0.0028	0.021	0.001						

Jominy (HRC)	JOM01	JOM02	JOM03	JOM04	JOM05	JOM06	JOM07	JOM08	JOM09	JOM10	JOM11	JOM12
	53	52	51	49	36	25	22	22	21	21	20	20
	JOM13	JOM14	JOM15	JOM16	JOM18	JOM20	JOM22	JOM24	JOM26	JOM28	JOM30	JOM32
	0	0	0	0	0	0	0	0	0	0	0	0

 JOMINY SAMPLE TYPE ENGLISH = R JOMINY LAB = 0358-01
 CHEM. DEVIATION EXT.-GREEN = N/R
 E45 INCLUSION LAB = 0358-02

Cleanliness	ASTM-E45 Method A			
	A	B	C	D
Thin	0.5	1.5	0.0	0.5
Heavy	0.0	0.0	0.0	0.0

Test Results of Rolling Lot # 352876

QC DEVIATION EXT.-GREEN = N/R

Test Results of Processing Lot # 501644

	# of Tests	Min Value	Max Value	Mean Value	
TENSILE (KSI)	3	95.4	97.2	96.4	TENSILE LAB = 0358-02
REDUCTION OF AREA (%)	3	53	55	54	RA LAB = 0358-02
ROCKWELL B (HRBW)	3	88	88	88	RB LAB = 0358-02
WIRE SIZE (Inches)	41	0.731	0.732	0.731	
WIRE OUT OF ROUND (Inches)	41	0.000	0.000	0.000	


QC DEVIATION EXT.-PROCESSED = N/R

 Specifications: Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
 Customer Document = UNYTITE Revision = 5 Dated = 8-MAY-2003

Additional Comments:

 Charter Steel
 Saukville, WI, USA


Fax number: () - Rem: Load1, Mail0, Fax0


 Tim Leahy
 Manager of Quality Assurance
 11/15/2006

The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled and processed in the United States.
2. Mercury was not used during the manufacture of this product; nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSMD	Charter Steel Melting Division	1658 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSR/D/ CSPD	Charter Steel Rolling/ Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	P4	Charter Steel Ohio Processing Division	6255 US Highway 23, Risingsun, OH 43457
0358-04	125544	CSC	Charter Steel Cleveland	4300 E. 49 th St., Cuyahoga Heights, OH 44125-1004
		--	Subcontracted test performed by laboratory not in Charter Steel system	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

Test	Possible Laboratory	Specification
Chemistry Analysis	CSMD	ASTM E415; ASTM E1019
Macroetch	CSMD	ASTM E381
Hardenability (Jominy)	CSMD	ASTM A255; JIS G0561
Grain Size	CSMD	ASTM E112
Tensile Test	CSR/D/CSPD, P4, CSC	ASTM E8; ASTM A370
Rockwell Hardness	CSR/D/CSPD, P4, CSC	ASTM E18; ASTM A370
Microstructure (spheroidization)	CSR/D/CSPD, P4	ASTM A892
Cleanliness	CSR/D/CSPD, CSC	ASTM E45

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/07.

All other test results associated with a Charter Steel laboratory that appear on the front of this report, if any, were performed according to documented procedures developed by Charter Steel and are not accredited by A2LA.

6. The test results on the front of this report are the true values measured on the samples taken from the production lot. They do not apply to any other sample.
7. This test report cannot be reproduced or distributed except in full without the written permission of Charter Steel. The primary customer whose name and address appear on the front of this form may reproduce this test report, subject to the following restrictions:
 - It may be distributed only to their customers
 - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgment (designated by our Purchase Order number) to the customer's purchase order. Both Purchase Order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.



B8643



640 Lavoy Road
Erie, MI 48133
Phone: 734/848-2915 Fax: 734/848-8734

CERTIFICATE OF ANALYSIS

CUSTOMER ORDER NO: 14356	CERTIFICATION NO: I-333499	SHIPPER NO: I-333499	CERTIFIED DATE: 09/12/06
CUSTOMER PART NO: P1480200	RF	SIZE: .1220 _x 5.5000 _x	COIL

CUSTOMER:

PRESTIGE STAMPING INC. **
P O BOX 1086
WARREN MI 480901086

GRADE
SAE J403 1040

CERTIFIED AND MANUFACTURED IN THE
U.S.A.

ATTENTION:

~~All units of measurement for chemistry are in weight percent.~~

COIL NO.	HEAT NUMBER	CHEMISTRY AND MECHANICAL PROPERTIES
JN6204	B15521	C = 0.390 MN= 0.760 P = 0.007 S = 0.003 SI= 0.170 AL= 0.029

THE ABOVE MECHANICAL AND CHEMICAL ANALYSES WERE SUPPLIED
BY THE PRODUCING MILL OR TESTED ON OUR OWN EQUIPMENT.
Form No. FQC 001 Rev. 2

[Handwritten Signature]
Agent for Heidtman Steel Products, Inc.

HAYDON BOLTS, INC.

AMERICAN STEEL FABRICATORS INC

Customer PO 17418

Invoice No. B6120518

Invoice Date 12/12/06

Sales Order K08121

Cert No Inv Line No Item No

Quantity Lot No

Assembly No

Haydon PO

30852 80000 PTU075225

270 JG321A

Heat 444230

A47284

JG321A

INSPECTION CERTIFICATE

SET LOT NO.

Specification	Size	Quantity
ASTM F1852 Type 1		
ASTM A563 Grade DH	3/4-10 UNC X 2-1/4	25,430 pcs.
ASTM F436 Type 1		



UNYTITE, INC.

One Unytite Drive
Peru, Illinois 61354

815-224-2221 -- FAX # 815-224-3434

Mechanical properties tested in accordance to ASTM F606/F606M, ASTM A370, ASTM E18

BOLT LOT NO. JG321

Date: Nov. 16, '06

Mechanical Property of Full Size Bolts				Chemical Composition %											
Tensile Strength	Proof Load 28400 (Length Method)	Hardness		Heat Treatment		IDENTIFICATION									
		Load (lbf)	Position of fracture	Quench	Temper										
Min. 40100	Part of Screw	Max. +/- 0.0005 in.	34 MAX		Min. 800	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Cu x 100	Ni x 100	Cr x 100	Mo x 100	B x 10,000
Average 49900	Part of Screw	ALL PASS	30.4	1580	869	32	25	75	7	6	9	5	6	1	30

NUT LOT NO. BC341

Mechanical Property of Full Size Nuts				Chemical Composition %											
Hardness After 24 hr x 1000° F HRB	Proof Load (Lbf)	Heat Treatment		IDENTIFICATION		IDENTIFICATION									
		Quench	Temper												
Min. 24-38	HRB 89	58450	Min. 800		Heat No. S77127	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Cu x 100	Ni x 100	Cr x 100		
Spec. 28.7	—	ALL PASS	1202	1562	45	21	69	29	21	11	15				

WASHER LOT NO. WB8643

Mechanical Property of Full Size Washers				Chemical Composition %											
Hardness (HRC)	Proof Load (Lbf)	Heat Treatment		IDENTIFICATION		IDENTIFICATION									
		Quench	Temper												
Min. 38-45	HRB 89	58450	Min. 800		Heat No. B15521	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Cu x 100	Ni x 100	Cr x 100		
Spec. 42.5	—	ALL PASS	1202	1562	39	17	76	76	7	3					

Material used for the bolt, nut and washer were melted & manufactured in the USA. The product was manufactured in the USA to ASTM specifications. The bolt and nut are manufactured by Unytite. We hereby certify that the material described has been manufactured and inspected satisfactory with requirement of the above specification.

Thread Accuracy (Bolt & Nut)	Remarks
Bolt ASME B1.1 Class 2A	
Nut ANSI B1.1 Class 2B	

Fastener Tension

Fastener Tension	Fastener Tension
Spec. (lbf.)	Min. 29000
Mean / 6 sets.	37556
Standard Deviation	2230

Chief of Quality Assurance Section

LOAD



CHARTER STEEL

CHARTER STEEL TEST REPORT Reverse Has Text And Codes

A Division of
Charter Manufacturing Company, Inc.

1658 Cold Springs Road
Saukville, Wisconsin 53080

(262) 268-2400

1-800-437-8789

FAX (262) 268-2570

UNYTITE, INC.
ONE UNYTITE DRIVE
PERU, IL 61354-
Attn: **ATTEN: JEAN MARGHERIO**

Cust. P.O.	29646
Cust Part#	C10B30SC0.732D
Charter Sales Order	177723
Heat #	444230
Ship Lot #	500572
Grade#	10B30 M SK FG RHQ
Process	DD
Finish Size	0.732

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed below and on the reverse side, and that it satisfies those requirements.

Test Results of Heat Lot# 444230

Lab Code: 7388												
Chemistry	C	MN	P	S	SI	NI	CR	MO	CU	SN	V	
Wt%	0.32	0.75	0.007	0.006	0.250	0.05	0.06	0.01	0.09	0.007	0.001	
	AL	N	B	TI	NB							
	0.024	0.0070	0.0030	0.020	0.001							
Jominy (HRC)	JOM01	JOM02	JOM03	JOM04	JOM05	JOM06	JOM07	JOM08	JOM09	JOM10	JOM11	JOM12
	53	51	51	43	27	23	22	21	20	20	0	0
	JOM13	JOM14	JOM15	JOM16	JOM18	JOM20	JOM22	JOM24	JOM26	JOM28	JOM30	JOM32
	0	0	0	0	0	0	0	0	0	0	0	0

JOMINY SAMPLE TYPE ENGLISH = R JOMINY LAB = 0358-01
CHEM. DEVIATION EXT.-GREEN = N/R
E45 INCLUSION LAB = 0358-02

Cleanliness	ASTM-E45 Method A			
	A	B	C	D
Thin	0.5	0.5	0.0	0.5
Heavy	0.0	0.0	0.0	0.0

Test Results of Rolling Lot # 350750

QC DEVIATION EXT.-GREEN = N/R

Test Results of Processing Lot # 500572

	# of Tests	Min Value	Max Value	Mean Value	
TENSILE (KSI)	3	93.9	95.3	94.8	TENSILE LAB = 0358-02
REDUCTION OF AREA (%)	3	53	53	53	RA LAB = 0358-02
ROCKWELL B (HRBW)	3	91	92	91	RB LAB = 0358-02
WIRE SIZE (Inches)	7	0.731	0.731	0.731	
WIRE OUT OF ROUND (Inches)	7	0.000	0.000	0.000	
QC DEVIATION EXT.-PROCESSED = N/R					

Specifications: Meets customer specifications with any applicable Charter Steel exceptions for the following customer documents:
Customer Document = UNYTITE Revision = 5 Dated = 8-MAY-2003

Additional Comments:

Charter Steel
Saukville, WI, USA



Tim Leahy
Manager of Quality Assurance
11/03/2006

Fax number: () - Rem: Load1, Mail0, Fax0

The following statements are applicable to the material described on the front of this Test Report:

1. Except as noted, the steel supplied for this order was melted, rolled and processed in the United States.
2. Mercury was not used during the manufacture of this product; nor was the steel contaminated with mercury during processing.
3. Unless directed by the customer, there are no welds in any of the coils produced for this order.
4. The laboratory that generated the analytical or test results can be identified by the following key:

Certificate Number	Lab Code	Laboratory		Address
0358-01	7388	CSMD	Charter Steel Melting Division	1658 Cold Springs Road, Saukville, WI 53080
0358-02	8171	CSR/ CSPD	Charter Steel Rolling/ Processing Division	1658 Cold Springs Road, Saukville, WI 53080
0358-03	123633	P4	Charter Steel Ohio Processing Division	6255 US Highway 23, Risingsun, OH 43457
0358-04	125544	CSC	Charter Steel Cleveland	4300 E. 49 th St., Cuyahoga Heights, OH 44125-1004
*	*	-	Subcontracted test performed by laboratory not in Charter Steel system	

5. When run by a Charter Steel laboratory, the following tests were performed according to the latest revisions of the specifications listed below, as noted in the Charter Steel Laboratory Quality Manual:

Test	Possible Laboratory	Specification
Chemistry Analysis	CSMD	ASTM E415; ASTM E1019
Macroetch	CSMD	ASTM E381
Hardenability (Jominy)	CSMD	ASTM A255; JIS G0561
Grain Size	CSMD	ASTM E112
Tensile Test	CSR/ CSPD, P4, CSC	ASTM E8; ASTM A370
Rockwell Hardness	CSR/ CSPD, P4, CSC	ASTM E18; ASTM A370
Microstructure (spheroidization)	CSR/ CSPD, P4	ASTM A892
Cleanliness	CSR/ CSPD, CSC	ASTM E45

Charter Steel has been accredited to perform all of the above tests by the American Association for Laboratory Accreditation (A2LA). These accreditations expire 01/31/07.

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 - It may be distributed only to their customers
 - Both sides of all pages must be reproduced in full
8. This certification is given subject to the terms and conditions of sale provided in Charter Steel's acknowledgment (designated by our Purchase Order number) to the customer's purchase order. Both Purchase Order numbers appear on the front page of this Report.
9. Where the customer has provided a specification, the results on the front of this test report conform to that specification unless otherwise noted on this test report.





ST PAUL STEEL MILL
1678 RED ROCK ROAD
ST PAUL MN 55119 USA
(651) 731-5600

Chemical and Physical Test Report
MADE IN UNITED STATES

M-033913

PRODUCED IN: ST PAUL

SHIP TO UNYTITE INC 1 UNYTITE DRIVE PERU, IL 61354	INVOICE TO UNYTITE INC 1 UNYTITE DRIVE PERU, IL 61354	SHIP DATE 11/14/08	CUST. ACCOUNT NO 70000042
---	--	-----------------------	------------------------------

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
R158Q	C1045M23F	A576-80B(2000), A28/A23M-05	8072000-02	PO01012-02
HEAT I.D. S77127	C Mn P S Si Cu Ni Cr Mo V Nb N Sn Al Ti Ca Co	.45 .69 .010 .029 .21 .21 .11 .15 .050 .024 .002 .0683 .019 .002 .00280 .00180 .010		

Mechanical Test: Rod R 38.5 Sid Dev:0 Hdi Diam: 1.613
Cleanliness Test

VENDOR HEAT: S77127, ROLL LOT M627611, QUALITY PROGRAM MANUAL REV. 1, DTD 8/10/05, FG(5-8)

Grain Size: 5.0
Grain Size Units: Fine

J1	J2	J3	J4	J5	J7	J8	J9	J10	J12	J14	J18	J20	J24	J28	J32
58	55	48	37	27	28	25	24	23	21	20	18	17	16	15	15

Customer Requirements SOURCE: MINNESOTA BILLETS CASTING: STRAND CAST

CUST ITEM NUMBER: B1045SC1.0000

Debra L. Kariesch



This material, including the billets, was produced and manufactured in the United States of America

Bhaaskar Yalamanchilli
Quality Director
Gerdau Ameristeel

Bhaaskar

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

Mgr. Metallurg. Svcs.
ST PAUL STEEL MILL

Seller warrants that all material furnished shall comply with specifications subject to standard published manufacturing variations. NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY THE SELLER, AND SPECIFICALLY EXCLUDED ARE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In no event shall seller be liable for indirect, consequential or punitive damages arising out of or related to the materials furnished by seller. Any claim for damages for materials that do not conform to specifications must be made from buyer to seller immediately after delivery of same in order to allow the seller the opportunity to inspect the material in question.

Dear Steel
PO# 17423

PO# 17423



4001 PHILADELPHIA PIKE
CLAYMONT, DELAWARE 19703

MATERIAL TEST REPORT

SOLD TO:		SPECIFICATION															
INFRA-METALS CORPORATION 8 PENT HIGHWAY		ASTM A36-05 / ASME SA36 2004 Edition															
WALLINGFORD, CT																	
MILL ORDER	BILL OF LADING	CUSTOMER P.O. NO.	DATE														
183770	231254	C18871	06/17/06														
<small>Unless otherwise specified, the following conditions apply: 1. Mercury, radium or alpha source materials have not been used. 2. Test piece geometry represents actual plate tested; not necessarily plate shipped (except PVO where entry point is tested).</small>																	
CHEMICAL ANALYSIS																	
HEAT	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	Sn	Al	V	Nb	N	Soluble Al	Ti	B
1X132	0.08	0.91	0.013	0.016	0.27	0.33	0.12	0.11	0.028	0.015	0.008	0.004	0.003	0.010	0.007	0.0003	0.0001
1X268	0.07	0.92	0.007	0.018	0.27	0.33	0.14	0.10	0.032	0.023	0.007	0.003	0.004	0.009	0.006	0.002	0.0001
TENSILE TESTS																	
HEAT	NO PCS	GAUGE (IN)	WIDTH (IN)	LENGTH (IN)	TEST PIECE SERIAL #	NORM	TENSILE (KSI)	YIELD (KSI)	ELONG % IN	BEND	TEST TEMP (F)	FT-LBS	MILS LAT EXP	% SHEAR			
1X132	1	3.2500	96.0000	240.0000	0819182		72	60	21	8							
1X132	-	3.2500	96.0000	240.0000	0819894		62	36	32	2							
1X268	1	3.5000	96.0000	240.0000	0821522		62	38	34	2							
1X268	-	3.5000	96.0000	240.0000	0822540		65	46	33	2							
OTHER TESTS / INFORMATION																	
Material is 100% melted and manufactured in the USA																	
<small>CERTIFY THE ABOVE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION</small> D. J. Cernava DAVID J. CERNAVA CHIEF METALLURGIST																	
		<small>(MGT: 44106 tds) Page: 1 of 1</small>															

RECEIVED
DEC 18 2006



MATERIAL TEST REPORT

SOLD TO:		SPECIFICATION															
INFRA-METALS CORPORATION 8 PENT HIGHWAY WALLINGFORD, CT		ASTM A36-05 / ASME SA36 2004 Edition ASTM A709-05 Grade 36															
MILL ORDER	BILL OF LADING	CUSTOMER P.O. NO.	DATE														
185819	234578	C18893	08/28/05														
<p>Unless otherwise specified, the following conditions apply: 1. Mercury, radium or alpha source materials have not been used. 2. Test piece shall represent actual plate tested, not necessarily plate shipped (except PVD where every plate is tested).</p>																	
CHEMICAL ANALYSIS																	
HEAT	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	Sh	AT	V	Nb	N	Ach Soluble Al	TI	R
9C790	0.16	1.27	0.015	0.019	0.21	0.03	0.03	0.02	0.005	0.002	0.028	0.000	0.000	0.006	0.000	0.000	
9C922	0.18	1.27	0.013	0.006	0.22	0.02	0.05	0.02	0.005	0.002	0.039	0.000	0.000	0.005	0.000	0.000	
TENSILE TESTS													IMPACT TESTS				
HEAT	NO PCS	GAUGE (IN)	WIDTH (IN)	LENGTH (IN)	TEST PIECE SERIAL #	HORM	TENSILE (KSI)	YIELD (KSI)	ELONG % IN	BEND	TEST TEMP (F)	FT-LBS	MILS LAT EXP	% SHEAR			
9C790	1	2.2500	96.0000	240.0000	0833103		71	49	21	8		3	1	2			
9C790	-	2.2500	96.0000	240.0000	0833969		70	39	34	2		2	1	2			
9C922	-	3.0000	96.0000	240.0000	0836478		74	41	33	2		2	1	2			
9C922	-	3.0000	96.0000	240.0000	0838234		77	48	23	2		2	1	2			
OTHER TESTS / INFORMATION													I CERTIFY THE ABOVE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION				
													<i>D. J. Cernava</i> DAVID J. CERNAVA CHIEF METALLURGIST				
													(Mat: 40838 lbs) Page: 2 (Tot Pgs: 3)				

RECEIVED
DEC 18 2006



4001 PHILADELPHIA PIKE
CLAYMONT, DELAWARE 19703

MATERIAL TEST REPORT

SOLD TO:		SPECIFICATION															
INFRAMETALS CORPORATION 8 PENT HIGHWAY		ASTM A36-05 / ASME SA36 2004 Edition ASTM A709-05 Grade 36															
WALLINGFORD, CT		Unless otherwise specified, the following conditions apply: 1. Mercury, radium or alpha source materials have not been used. 2. Test piece serial # represents actual plate tested, not necessarily plate shipped (except PVC where every plate is tested).															
MILL ORDER	BILL OF LADING	CUSTOMER P.O. NO.	DATE														
184586	233674	C18877	08/08/06														
CHEMICAL ANALYSIS																	
HEAT	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Sn	Al	V	Nb	N	Acid Soluble Al	TI	B
9C798	0.15	1.18	0.014	0.005	0.23	0.04	0.03	0.05	0.005	0.002	0.033	0.000	0.000	0.005	0.000	0.000	
9C907	0.16	1.24	0.015	0.012	0.18	0.02	0.02	0.03	0.005	0.002	0.026	0.000	0.000	0.005	0.000	0.000	
TENSILE TESTS												IMPACT TESTS					
HEAT	NO PCS	DIMENSION		LENGTH (IN)	TEST PIECE SERIAL #	TENSILE (KSI)	YIELD (KSI)	ELONG % IN	BEND	TEST TEMP (F)	FT-LBS		MILS LAT EXP		% SHEAR		
9C798	-	GAUGE (IN)	WIDTH (IN)								1	2	3	1	2	3	
9C798	-	2.0000	96.0000	240.0000	0831509	69	36	32									
9C798	-	2.0000	96.0000	240.0000	0832255	72	44	35									
9C907	-	2.0000	96.0000	240.0000	0830509	73	45	29									
9C907	-	2.0000	96.0000	240.0000	0832763	69	36	29									
OTHER TESTS / INFORMATION												I CERTIFY THE ABOVE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION					
												 DAVID J. CERNAVA CHIEF METALLURGIST					


RECEIVED
OCT 18 2006



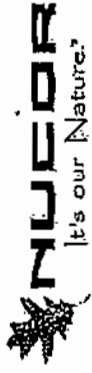
4001 PHILADELPHIA PIKE
CLAYMONT, DELAWARE 19703

MATERIAL TEST REPORT

SEP 07 2006

SOLD TO:		SPECIFICATION															
PRIMARY STEEL P.O. BOX 1716 MIDDLETOWN, CT		ASTM A36-05 / ASME SA36 2004 Edition ASTM A709-05 Grade 36															
MILL ORDER	BILL OF LADING	CUSTOMER P.O. NO.	DATE														
183546	234101	C3918D	08/18/06														
CHEMICAL ANALYSIS																	
HEAT	C	Mn	P	S	SI	Cu	NI	Cr	Mo	Sn	Al	V	Nb	N	Acid Soluble Al	TI	B
1X312	0.07	0.89	0.010	0.021	0.26	0.28	0.09	0.08	0.021	0.023	0.030	0.003	0.002	0.010	0.028	0.0002	0.0002
9C976	0.16	1.19	0.011	0.004	0.24	0.02	0.02	0.01	0.005	0.002	0.034	0.000	0.000	0.005	0.000	0.000	0.000
9C977	0.16	1.19	0.011	0.004	0.24	0.02	0.02	0.01	0.005	0.002	0.034	0.000	0.000	0.005	0.000	0.000	0.000
DIMENSION																	
HEAT	NO. PCS	GAUGE (IN)	WIDTH (IN)	LENGTH (IN)	TEST PIECE SERIAL #	TENSILE (KSI)	YIELD (KSI)	ELONG % IN	BEND	TEST TEMP (F)	1 MILS LAT EXP	2 FT-LBS	3	1	2	3	
1X312	-	2.5000	96.0000	240.0000	0825880	60	36	30	2								
1X312	-	2.5000	96.0000	240.0000	0831946	65	53	23	8								
9C976	-	2.5000	96.0000	240.0000	0826613	71	47	27	8								
9C976	-	2.5000	96.0000	240.0000	0827219	68	37	30	2								
9C977	-	2.5000	96.0000	240.0000	0827444	71	42	30	2								
9C977	-	2.5000	96.0000	240.0000	0828633	76	60	22	8								
OTHER TESTS / INFORMATION																	
HEAT 9C976 MANUFACTURED IN THE USA USING NON-DOMESTIC SLABS. HEAT 9C977 MANUFACTURED IN THE USA USING NON-DOMESTIC SLABS.																	
I CERTIFY THE ABOVE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION																	
 DAVID J. CERNAVA CHIEF METALLURGIST																	
(Wgt: 49005 lbs) Page: 1 (Tot Pcs: 3)																	

Mill Test Report
Page 5



Issuing Date : 10/10/2006 B/L No. : 145388 Our Order No. : 48420/33. Cust. Order No. : C4086D
 Vehicle No: ATW 116009 Sold To : PRIMARY STEEL, INC. Ship To : PRIMARY STEEL, INC.
 Specification : 1.7500" x 96.000" x 240.000" 760 NEWFIELD STREET 760 NEWFIELD STREET
 ASTM A572 Grade 50-06/ASTM A709 Grade 50-06a/AASHTO M270-50 PO BOX 1716 PO BOX 1716
 Type 2 MIDDLETOWN, CT 06457 MIDDLETOWN, CT 06457
 F#860-343-5104

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	AlZ	V	Nb	Ti	N	Ca	B	Sn	CEQ	PCM
6107170	0.17	1.17	0.013	0.004	0.19	0.27	0.07	0.08	0.01	0.029	0.038	0.006	0.001	0.0011	0.0004	0.011	0.41	0.26	

Plate Serial No	Tensile Test		Elongation		Charpy Impacts		Temp Ave.			
	Dir.	Yield (psi)	Tensile (psi)	% In 2"	% In 8"	Dir.		1	2	3
6107170-02	T	65,800	83,300	21.5	17.3	Dir.	1	2	3	Temp Ave.
	T	53,200	78,700			Dir.	1	2	3	Temp Ave.

RECEIVED
NOV 17 2006

Manufactured to fully killed fine grain practice by Electric Arc Furnace. Welding or weld repair was not performed on this material. We hereby certify that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with the applicable specifications.

Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast as-rolled discrete plate.

Yield by 0.5EUL method unless otherwise specified. $CEQ = C + (Mn/6) + ((Cr + Mo + V)/5) + ((Cu + Ni)/15)$

Pcm = $C + (Si/60) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mn/15) + (V/10) + 8B$

Milled and manufactured in the USA. ISO 9001-2000 certified (#12443-0) by SRI Quality System Registrar (#0365-09), PED 97/23/EC Compliant.

DIN 50049 3.1, BVEN 10204 3.1, B(2004) compliant. For ABS grades only, Quality Assurance certificate No. 03-MMPQA-182

T. A. Depretis, Metallurgist

10/11/2006 9:45:49 AM

SHIP TO: ISG PLATE INC.
PREUSSAG INTL STEEL CORP.
INFRA-METALS DIVISION
8 PENT HIGHWAY
WALLINGFORD CT 06492

TEST CERTIFICATE

PAGE NO: 01 OF 01
FILE NO: 3880-01-01
MILL ORDER NO: 54284-003
MELT NO: T7069
DATE: 03/23/06

SOLD TO:
INFRA-METALS CO
8 PENT HIGHWAY
WALLINGFORD CT 06492

SEND TO:

01-C

PLATE DIMENSIONS / DESCRIPTION

TOTAL QTY	GAUGE	WIDTH	LENGTH	DESCRIPTION	PIECE WEIGHT
2	1.5"	96"	240"	RECTANGLE	9801#

CUSTOMER INFORMATION

CUSTOMER PO: C18865

SPECIFICATION(S)

THIS MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S).

ASTM A709-GR36 YR 05
IMPACTS WAIVED ASTM A36 05 & ASME SA36 ED 04 05

ADDENDA

MATERIAL PRODUCED UNDER A CERTIFIED QUALITY MGMT SYSTEM COMPLYING WITH ISO 9001 ABS-QE CERT. NO. 30130

CHEMICAL COMPOSITION

MELT:T7069	C	MN	P	S	CU	SI	NI	CR	MO
	.17	1.05	.012	.012	.11	.19	.07	.03	.01
MELT:T7069	V	AL	CB						
	.001	.021	.001						

TENSILE PROPERTIES

LOC	DIR	YIELD STRENGTH PSI X 100	TENSILE STRENGTH PSI X 100	ELONGATION GAGE LGTH	%
BOT.	TRANS.	389	682	2.00"	27.0
BOT.	TRANS.	409	681	2.00"	30.0

GENERAL INFORMATION

ALL STEEL HAS BEEN MELTED AND MANUFACTURED IN THE U.S.A.

B/L #26463 CUSTOMER'S TRUCK

WE HEREBY CERTIFY THE ABOVE
INFORMATION IS CORRECT:

QUALITY ASSURANCE LABORATORY
COATESVILLE, PA 19320

Elinore Zaplitny
SUPERVISOR - TEST REPORTING
ELINORE ZAPLITNY

RECEIVED
APR 11 2006

PO# 17434

CERTIFIED TEST REPORT

NUCOR

BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

20 DCS = 5098

HEAT# B1611

DATE SHIPPED 3/15/2006

SHIPMENT# 0274352

SIZE: FL 5 X 3/4

ORDER ITEM# 172011/06

SOLD TO: MILL METALS CORP

FAX#/EMAIL:

HRFZYS

CUST. P.O. 40011

PART #:

GRADE: ASTM A36-04/CSA-44W

SPEC A709-04A GR36

SUPP. REQ:

SHIP TO: MILL METALS CORP

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
180	710	.170	.014	.047	480	.0900	120	.037	.014	.002	.0040	.0020	.0008	.0008	.002

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	PIN DIA	% R.A.
47.50	68.60	8	31.3	.0	.0	.0
47.60	70.30	8	30.0	.0	.0	.0
MPa	MPa	GAUGE	% ELONG	BEND	PIN DIA	R.A.
		LENGTH				

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size: XXX Reduction Ratio: XXX As Rolled Hardness: D.I. XXX C.F. .396 C.I. XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

CUSTOMER SPECIAL INSTRUCTIONS:

THIS _____ DAY OF _____

L.S. _____
THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

P.O.#17434
12/15/06

BC/05276
143000

GERDAU AMERISTEEL

JACKSON STEEL MILL
801 AMERISTEEL ROAD
JACKSON TN 38305 USA
(731) 424-5600

Chemical and Physical Test Report
MADE IN UNITED STATES

V-601237

PRODUCED IN: JACKSON TN

SHIP TO
MILL METALS CORPORATION
603-826-7351
62 MAPLE ST.
MANCHESTER, NH 03103

INVOICE TO
MILL METALS
MILL STEEL INC
62 MAPLE STREET
MANCHESTER, NH 03103

SHIP DATE
11/30/06

CUST. ACCOUNT NO
60076023

SALES ORDER
6073252-01

CUST P.O. NUMBER
41814-01

GRADE
COVAK55

SPECIFICATION
ASTM-A572-04 GR50/GR55 TYPE 2

SHAPE * SIZE	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Sn	C Eqv
F14 X 6	.17	.86	.010	.020	.26	.33	.11	.10	.030	.024	.010	.39

Mechanical Test: Yield 63720 PSI, 439.33 MPA Tensile: 82880 PSI, 572.13 MPA %El: 25.08in, 25.0/200MM
Mechanical Test: Yield 65380 PSI, 457.67 MPA Tensile: 84410 PSI, 591.98 MPA %El: 24.58in, 24.5/200MM

GRADE
A36

SPECIFICATION
ASTM A36-05

SHAPE * SIZE	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Sn	C Eqv
F34 X 3	.14	.69	.010	.030	.20	.34	.08	.10	.020	<.008	<.008	.010	.313

Mechanical Test: Yield 44680 PSI, 308.06 MPA Tensile: 69440 PSI, 478.77 MPA %El: 30.08in, 30.0/200MM
Mechanical Test: Yield 44160 PSI, 304.47 MPA Tensile: 68960 PSI, 475.6 MPA %El: 31.08in, 31.0/200MM

GRADE
A36

SPECIFICATION
ASTM A36-05

SHAPE * SIZE	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Sn	C Eqv
F50 X 5	.17	.81	.020	.030	.24	.33	.12	.23	.040	<.008	<.008	.010	.394

Mechanical Test: Yield 48090 PSI, 331.57 MPA Tensile: 77130 PSI, 531.79 MPA %El: 29.88in, 29.8/200MM
Mechanical Test: Yield 48780 PSI, 338.33 MPA Tensile: 76300 PSI, 528.07 MPA %El: 28.58in, 28.5/200MM

SALES ORDER
6112475-01

CUST P.O. NUMBER
43400-01

SALES ORDER
6110418-01

CUST P.O. NUMBER
43327-01

HRFS85

This material, including the billets, was produced and manufactured in the United States of America

Bhaskar Yalamanchilli
Quality Director
Gerdau Ameristeel

[Signature]

Mgr. Metallurg. Svcs.
JACKSON STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.



WHITBY STEEL MILL
HOPKINS STREET SOUTH
WHITBY ON L1N 5T1 CAN
(905) 688-8811

Chemical and Physical Test Report

MADE IN CANADA

W-057059

PRODUCED IN: WHITBY

SHIP TO MILL METALS CORPORATION 603-628-7351 62 MAPLE ST. MANCHESTER, NH 03103	INVOICE TO MILL METALS INC. 62 MAPLE STREET MANCHESTER, NH 03103	SHIP DATE 11/07/06 CUST. ACCOUNT NO 60076023	SALES ORDER 6110401-01 CUST P.O. NUMBER 43321-01
--	--	---	---

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
F1 X 7	A38	C.S.A. G40.21-88 44W/50W; ASTM: A38 - 97a ASTM A709-97b ASME: SA38 (A	6110401-01	43321-01
HEAT I.D. B30719	C Mn .80 P .013 S .021 Si .21 Cu .28 Ni .12 Cr .13 Mo .028 V .016 Nb .0000 B .0000 N .0062 Sn .009 Al .027 Ti .000000 Zr .0000 Ca .00000 C Eq .357	%E: 22.5/8in, 22.5/200MM		

Mechanical Test: Yield: 52530 PSI, 362.18 MPA Tensile: 78712 PSI, 642.7 MPA %E: 22.5/8in, 22.5/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST
 Mechanical Test: Yield: 53575 PSI, 369.39 MPA Tensile: 78206 PSI, 539.21 MPA %E: 22.8/8in, 22.8/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
F1/2 X 7	A38	C.S.A. G40.21-98(44W); ASTM A38M-01a ASTM709-01b ASME: SA38-00a	6110391-02	43317-02
HEAT I.D. B30710	C Mn .83 P .014 S .017 Si .19 Cu .32 Ni .12 Cr .12 Mo .028 V .008 Nb .0000 B .0000 N .0100 Sn .011 Al .000 Ti .000000 Zr .000 Ca .00000 C Eq .349	%E: 25.0/8in, 25.0/200MM		

Mechanical Test: Yield: 47862 PSI, 330 MPA Tensile: 72760 PSI, 501.66 MPA %E: 25.0/8in, 25.0/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST
 Mechanical Test: Yield: 48420 PSI, 333.89 MPA Tensile: 71825 PSI, 495.22 MPA %E: 26.2/8in, 26.2/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST

H2F127

This material, including the billets, was produced and manufactured in Canada
 Bhekar Yashwanthi
 Quality Director
 Gerdau Ameristeel

Mgr. Metallurg. Svcs.
WHITBY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

W-056387

GERDAU AMERICA STEEL
WHITBY STEEL MILL
HOPKINS STREET SOUTH
WHITBY ON L1N 5T1 CAN
(905) 668-8811

Chemical and Physical Test Report
MADE IN CANADA

PRODUCED IN: WHITBY

SHIP TO MILL METALS CORPORATION 603-828-7351 62 MAPLE ST. MANCHESTER, NH 03103	INVOICE TO MILL METALS MILL STEEL INC 62 MAPLE STREET MANCHESTER, NH 03103	SHIP DATE 12/13/06 CUST. ACCOUNT NO 60076023
--	--	---

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER										
F36 X 6	A36	C.S.A. G40.21-08 44W/50W; ASTM: A36 - 97a ASTM A709- 97b ASME: SA36 (A)	6062200-03	42565-03										
HEAT I.D. B39068	C	S	Al	Ti	Zr	Ca	C Eqv							
	.21	.009	.22	.36	.12	.07	.027	<.008	<.008	.0137	.016	.000	.00000	.391

Mechanical Test: Yield 53676 PSI, 370.05 MPA Tensile: 75006 PSI, 517.16 MPA %EI: 22.52/in, 22.6200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST
Mechanical Test: Yield 53627 PSI, 371.12 MPA Tensile: 76740 PSI, 529.1 MPA %EI: 23.67/in, 23.8200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST

HPF386

This material, including the billets, was produced and manufactured in Canada
Bheasler Yelamanchilli
Quality Director
Gerdau Americas

Shackany

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

B. R. B...

Mgr. Metallurg. Svcs.
WHITBY STEEL MILL

POT# 17435

CERTIFIED TEST REPORT



CUST. P.O. C19625
 PART #: FL001004
 GRADE: ASTM A36-05/CSA-44W
 SPEC A709-05A GR36
 SUPP. REQ:
 SHIP TO: INFRA-METALS CORP-CT

BAR MILL-AUBURN
 NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

60 pcs. = 10200

HEAT# B3654
 DATE SHIPPED 5/18/2006
 SHIPMENT# 0278108
 SIZE: FL 4 X 5/8
 ORDER ITEM# 174630/ 04
 SOLD TO: INFRA-METALS CORP - CT
 FAX/EMAIL: 2032947333

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
.190	750	.190	.016	.030	.310	1000	140	.035	.013	.001	.0000	.0010	.0006	.XXX	.003

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	R.A.
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
50.70	74.30	8	33.8	.0	.0
MPa	MPa	GAUGE	% ELONG	BEND	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT.-LB.	SUBSIZE SPECIMEN	SAMPLE

18-May-06 10:23 Ref:0401853

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME,
 DECLARES THAT: THESE RESULTS
 ARE CORRECT AS CONTAINED IN THE
 RECORDS OF NUCOR STEEL AUBURN, INC

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____

THIS CERTIFICATE IS NOTARIZED ONLY
 WHEN REQUESTED

Grain Size: XXX Reduction Ratio: XXX As-Boiled Hardness: J1 C-F: .409 C-I: XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

8C/05277
 131200



CMC Steel Alabama and South Carolina
 CMC Steel Alabama P.O. Box 321188 Birmingham, AL 35232-1188
 CMC Steel South Carolina P.O. Box 2005 Cayce, SC 29171-2005
 www.cmcsteel-al.com www.cmcsteel-sc.com

CERTIFIED MILL TEST REPORT
 For Additional copies call (800) 621-0262

We hereby certify that the test results presented here are accurate and conform to the reported grade.

HEAT NO: L 774X378 A1007 L 177A102X95X12.192	S O L D T O	INFRA METALS CORNEW ENGLAND 8 PENT HIGHWAY WALLINGFORD, CT 06492-	S H I P T O	INFRA METALS 8 PENT HIGHWAY WALLINGFORD, CT 06492-	SHIP#: 101857/118 BOL#: 260454 INV#: 8300350592 CUST PO#: C19425 CUST PNR:
GRADE: ASTM A529-05-50/ASTM A36-05 ASTM A529M-05-50/ASTM A36M-05					
WEIGHT/PCS: 76,160/140					

	CHEMICAL ANALYSIS		MECHANICAL				TEST 1				TEST 2				TEST 3								
	%		YIELD STRENGTH		TENSILE STRENGTH		ELONGATION		REDUCTION OF AREA		BEND TEST		DIAMETER		CHARPY IMPACT		TEST TEMP		SAMPLE SIZE		ORIENTATION		HARDNESS
C	0.17	0.65	56.2 KSI	76.0 KSI	387.2 MPa	523.8 MPa	22%	22%	81NS	81NS	56.4 KSI	76.1 KSI	389.0 MPa	524.8 MPa	23%	23%	203MM	203MM	IMPERIAL	METRIC	IMPERIAL	METRIC	
MN	0.017	0.014																					
P	0.014	0.19																					
S	0.40	0.16																					
SI	0.09	0.09																					
CU	0.019	0.013																					
CR	0.002	0.002																					
NI	0.012	0.0002																					
MO	0.001	0.001																					
CB	0.35	0.001																					
V	0.001	0.001																					
SN	0.004																						
B																							
TI																							
C-E																							
AL																							
N																							

INCLINATION RATING	GRAIN SIZE		METHOD		METHOD	
	TYPE	SIZE	TYPE	SIZE	TYPE	SIZE

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS	SOMELY RESULTS - Rockwell C Hardness at 1/16th Inch Increments											
	1	2	3	4	5	6	7	8	9	10	11	12

REMARKS
 Meas Specifications NO GRADE, ASTM A36-05, ASTM A36-05/CAN/CSA G40.21 44
 ASTM A36-15/A572-04 GR50 TPI, ASTM A36-05, CAN/CSA-G40.21-04 44W/50W, CAN/CSA G40.21-04 50W
 ASTM A529-05 GRADE 50, ASTM A529-05-50/A529-05-55, ASTM A572-04 50 TP 1 Meas Specifications ASTM A709-05 GR 36, ASTM A 709-05 GRADE 50 TP 1
 ABS PART 2-2006 GR-A, ABS PART 2-2006 GR-A/A36-05, ASME SA-36-03a Meas Specifications ASTM A529-05-50/ASTM A36-05



BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70068-1156
 Telephone (985) 852-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH
 ASTM A6

INVOICE NO. DATE 11/14/06
 PRODUCT ANGLES
 HEAT NO. 53147 24 Pcb
 Length 40'0"

PO: C19462
 Cust I-3443 -0002
 GRADE A3652950 -
 SIZE L 5 X 5 X 5/16 X 10.3

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES		TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	.12		54,322 PSI	375 MPa	54,200 PSI	374 MPa	PSI	MPa
Mn	.69		70,964 PSI	489 MPa	71,431 PSI	493 MPa	PSI	MPa
P	.018		38.0 %	38.0 %	41.0 %	41.0 %	%	%
S	.035		8 in	203 mm	8 in	203 mm	in	mm
Si	.17		d	d	d	d	d	d
Cu	.25		sq in	sq mm	sq in	sq mm	sq in	sq mm
Ni	.18		%	%	%	%	%	%
Cr	.15		ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo	.041							
Cb	.008							
V	.000							
B								
Al								
Sh								
N	.007							
Ti								
CI								
CE								

Customer Grade & Specs: A36-04
 44W, CSA50W, A70936
 ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS FICTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST: Mark Edwards
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN PARISH ON THIS _____ DAY OF _____, 20____
 SIGNED _____
 MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Sollova, # 81887, Notary Public

CERTIFIED TEST REPORT

150 pcs. = 49200

HEAT# B8060
 DATE SHIPPED 11/20/2006
 SHIPMENT# 028764
 SIZE: AN 4 X 4 X 5/16 4'-0"
 ORDER ITEM# 180053/ 24
 SOLD TO: INFRA-METALS CORP - CT
 FAX#EMAIL: 2032942993

NUCOR
 BAR MILL-AUBURN
 NUCOR STEEL AUBURN, INC.
 P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

CUST. P.O. C20217
 PART #: L4406
 GRADE : A529-04 GR50/55
 SPEC CSA G40.21-98 GR55W
 SUPP. REC:
 SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NI	CR	MO	SN	V	C8	Ti	B	N2	O2
200	1.10	1.70	0.19	0.49	3.70	0.900	1.10	0.39	0.14	0.82	0.060	0.010	0.011	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	ELONG	% ELONG	R.A.
61.10	84.90	8	23.8	0	0	0	R.A.
59.10	84.70	8	25.0	0	0	0	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

Grain Size: XXX Reduction Ratio: XXX As Rolled Hardness: J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J18 J20 J22 J24 J26 J28 J30 J32
 C.F. .480 C.I. XXX

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(Sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BG/052:0
 131200

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M193-98 GR.36


CMC Steel
 CMC Steel, Birmingham, AL 35232-1188
 P.O. Box 321188
 Birmingham, AL 35232-1188
 www.cmcsteel-usa.com
 CMC Steel, Wallingford, CT 06492
 P.O. Box 2005
 Wallingford, CT 06492
 www.cmcsteel-sc.com
CERTIFIED WELD TEST REPORT
 For Additional copies call (800) 621-0262
 We are accurate and confident in the results presented here.
 Quality Assurance Manager

HEAT NO:	S I N F R A M E T A L S C O N W E N G L A N D		S I N F R A M E T A L S C O N W E N G L A N D		S I N F R A M E T A L S C O N W E N G L A N D		S I N F R A M E T A L S C O N W E N G L A N D								
	J066440		L 4X3.5X3/16 X40"0"		L 102.28X7.9X12.192		L 101.37X7.9X12.192								
SECTIONS:	D O L D T O		D O L D T O		D O L D T O		D O L D T O								
GRADE:	ASTM A36-05 ASTM A36M-05		ASTM A36-05 ASTM A36M-05		ASTM A36-05 ASTM A36M-05		ASTM A36-05 ASTM A36M-05								
WEIGHT/PCS:	43,120 / 140		43,120 / 140		43,120 / 140		43,120 / 140								
PROPERTIES															
CHEMICAL ANALYSIS			MECHANICAL			TEST 1			TEST 2			TEST 3			
%			YIELD STRENGTH			TENSILE STRENGTH			ELONGATION			REDUCTION OF AREA			
C	0.15	46.7KSI	321.8MPA	47.4KSI	326.8MPA	27%	203MM	47.4KSI	326.8MPA	27%	203MM	47.4KSI	326.8MPA	27%	203MM
MN	0.04	68.5KSI	472.0MPA	68.5KSI	472.5MPA	27%	203MM	68.5KSI	472.5MPA	27%	203MM	68.5KSI	472.5MPA	27%	203MM
P	0.012	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%	26%
S	0.038	8INS	203MM	8INS	203MM	8INS	203MM	8INS	203MM	8INS	203MM	8INS	203MM	8INS	203MM
SI	0.17														
CU	0.31														
CR	0.17														
NI	0.10														
MO	0.024														
CB	0.001														
V	0.003														
SN	0.011														
B	0.0003														
TI	0.001														
C-E	0.32														
AL	0.001														
N	0.004														
100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS									GRAIN SIZE			INCLUSION RATING			
1	2	3	4	5	6	7	8	9	10	11	12	METHOD			
												TYPE			
13	14	15	16	18	20	22	24	26	28	30	32	RESULT			
												SIZE			
												A	B	C	D
												T	H	T	H
												T	H	T	H

REMARKS
 Meets Specifications NO GRADE, AISI 1018, 1018CG, AASHTO M270-05 GR 36
 ASTM A36-05, ASTM A36-05/CAN, CSA C40.21 44, ASTM A36-05/CAN, CSA GR 44W Meets Specifications ASTM A36-05, ASTM A36-01, CAN/CSA-G40.21-04 44W
 ASTM A709-05 GR 36, ASME SA-36-03

PO# 17500

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 05/02/2006
PO No: C19735
Mill Order No: 3134266
Load No: 1030616
Manifest No: 1748524

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
M 14 X 132# / W360 X 196

SPECIFICATION
ASTM A6-05a, A992-04a, A572-04

HEAT NO: 30297100

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Su	V	Al	Nb	CE
.09	1.19	.012	.034	.26	.35	.11	.07	.016	.014	.003	.003	.021	.34

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
54.1	73.8	1.527	23.9	200 mm	
54.0	74.0	1.536	23.1	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom L. Harrington* Date: May. 06, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager Page: 14 of 23

144 pcs. = 19584

HEAT# B6466

DATE SHIPPED 8/31/2006

SHIPMENT# 0283805

SIZE: FL 4 X 1/2

ORDER ITEM# 179793/ 09

SOLD TO: INFRA-METALS CORP - CT

FAX#/EMAIL: 2032842993

CERTIFIED TEST REPORT

NUCOR

BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

CUST. P.O. C20196

PART #: FLO0804

GRADE : ASTM A36-05/CSA-44W

SPEC A709-05A GR36

SUPP. REC:

SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NL	CB	MO	SN	V	CB	TI	B	N2	O2
.190	.710	.200	.014	.038	.340	.0900	.160	.042	.021	.002	.0020	.0020	.0012	.XXX	.003

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN. DIA	R.A.
45.00	67.10	8	33.8	.0	.0
48.10	71.40	8	35.0	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN. DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC



(Sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BC/02850
131200

Grain Size	Reduction Ratio	As Rolled Hardness	D.I.	C.F.	C.L.
XXX	XXX	XXX	XXX	.411	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12

J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

PO# 17442

DATE	11/14/06
INVOICE NO.	91223
BILL OF LADING	815220
CUSTOMER NO.	9310
CUSTOMER P.O.	CL9896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		%	TEMP												
1	W14 - 22.0 40' W360 x 32.9 12.192 M	13	285243	.83	57000	59000	23			.06	.90	.025	.028	.23	.26	.09	.13	.02	.00	.017	.26		
				.85	60000	71000	24											.01	.14				
2	W14 - 22.0 40' W360 x 32.9 12.192 M	7	285298	.83	60000	72000	24			.07	.92	.015	.036	.26	.34	.13	.13	.03	.00	.015	.28		
				.83	60000	72000	24											.01	.16				
					414	496	24																
					414	496	24																

Form 1-0-01-12 11-22-05-12-188 Approved CARBON EQUIVALENT: CE = CE(DIN) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni-Cu)/15
Corrosion Index: C=0.012(P+1.62Mn+1.62Ni)+.0008(Si+1.62P)+.0001(Cu+0.0077S)+.0001(Ni+0.0077S)+.0001(Cu)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

14 Day of 11/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2018



PO# 17465

P.O.#17470
12/22/06

Page 3 of 3

GERDAU AMERISTEEL
CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42028 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-025518

PRODUCED IN: CALVERT CITY

SHIP TO LEROUX STEEL 1331 GRAHAM BELL CN TRACK BMO21 BOUCHERVILLE, PQ J48 BA1	INVOICE TO LEROUX STEEL INC 1331 GRAHAM BELL BOUCHERVILLE, PQ J48 BA1	SHIP DATE 11/28/06	CUST. ACCOUNT NO 60005840
---	--	-----------------------	------------------------------

SHAPE & SIZE C8 X 22.8MHC	GRADE 44W	SPECIFICATION A3644W ASTM A36-05, ASTM A708 GR38	SALES ORDER 6014693-20	CUST P.O. NUMBER 94008270-20									
YIELD	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al	Ti	Ca	Eq
Y627817	.15	.65	.010	.024	.21	.20	.05	.05	.020	.003	.003	.010	.00100

Mechanical Test Yield 80000 PSI, 344.74 MPA Tensile: 71000 PSI, 489.53 MPA %EL: 25.078in, 25.07203.2mm 8d0 Dev03
Customer Requirements CASTING: STRAND CAST

Mechanical Test Yield 81000 PSI, 361.63 MPA Tensile: 71000 PSI, 489.53 MPA %EL: 24.076in, 24.07203.2mm 8d0 Dev03
Customer Requirements CASTING: STRAND CAST

SHAPE & SIZE C8 X 22.8MHC	GRADE 44W	SPECIFICATION A3644W ASTM A36-05, ASTM A708 GR38	SALES ORDER 6014693-21	CUST P.O. NUMBER 94008270-21									
YIELD	C	Mn	P	S	Si	Cr	Ni	Cu	Mo	Al	Ti	Ca	Eq
Y627811	.16	.65	.010	.023	.21	.28	.11	.07	.020	.001	<.008	.003	.0082

MC 8228

Mechanical Test Yield 82000 PSI, 358.63 MPA Tensile: 72000 PSI, 496.42 MPA %EL: 25.078in, 25.07203.2mm 8d0 Dev03
Customer Requirements CASTING: STRAND CAST

Mechanical Test Yield 81000 PSI, 361.63 MPA Tensile: 71000 PSI, 489.53 MPA %EL: 24.076in, 24.07203.2mm 8d0 Dev03
Customer Requirements CASTING: STRAND CAST

This material, including the labels, was melted and manufactured in the United States of America

Maskey
Shekar Yalamanchili
Quality Director
Gerdau Ameristeel

Bliss L. Flaherty
Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.



P.O. #17465
12/27/06

Y-015947



CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42029 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

PRODUCED IN: CALVERT CITY

SHIP TO
INFRA METAL-PREUSSAG INT'L.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INVOICE TO
INFRA METALS CT
ATTN: RALPH CAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SHIP DATE
0307/06

CUST. ACCOUNT NO
50042985

SALES ORDER
6021349-05

CUST P.O. NUMBER
C19052

SHAPE + SIZE	GRADE	SPECIFICATION	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	C Eqv
CA X 13.8#MC	A36	ASTM A36-04, ASTM A709 GR26	.15	.70	.005	.027	.21	.30	.09	.09	.015	.002	<.008	.0060	.0000	.010	.000	.00000	.317

HEAT I.D.
K90114

Mechanical Test: Yield 45910 PSI, 314.47 MPA Tensile: 67730 PSI, 466.86 MPA %EI: 22.3/8in, 22.3/203.2mm Sid Dev:0
Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 45240 PSI, 311.92 MPA Tensile: 66410 PSI, 457.88 MPA %EI: 25.2/8in, 25.2/203.2mm Sid Dev:0
Customer Requirements CASTING: STRAND CAST

MC4138

SALES ORDER
6021349-05

CUST P.O. NUMBER
C19052

SHAPE + SIZE	GRADE	SPECIFICATION	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	B	N	Sn	Al	Ti	C Eqv
CA X 13.8#MC	A36	ASTM A36-04, ASTM A709 GR26	.15	.67	.004	.028	.20	.28	.08	.07	.011	.002	<.008	.0000	.0000	.010	.000	.00000	.302

Mechanical Test: Yield 45320 PSI, 312.47 MPA Tensile: 67150 PSI, 462.98 MPA %EI: 24.2/8in, 24.2/203.2mm Sid Dev:0
Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 44410 PSI, 306.2 MPA Tensile: 65000 PSI, 448.16 MPA %EI: 23.1/8in, 23.1/203.2mm Sid Dev:0
Customer Requirements CASTING: STRAND CAST

Customer Notes

A36: ASTM A36-00A & ASTM A709 GR36
This material, including the blank, was produced and manufactured in the United States of America

A.J. Turner
A.J. Turner
Quality Assurance Manager
MILL Group

Allen K. Floyd
Allen K. Floyd
Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

P.O. #17465
01/05/07

Y-022735

Chemical and Physical Test Report

MADE IN UNITED STATES

GERDAU AMERISTEEL

CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42029 USA
(270) 395-3100

PRODUCED IN: CALVERT CITY

SHIP TO
INFRA METAL-PREUSSAG INT'L.
8 PENT HIGHWAY
203-294-2980 APPT/JOE COSTELLO
WALLINGFORD, CT 06492

INVOICE TO
INFRA METALS CT
ATTN: RALPH CAJAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SHIP DATE
09/01/06

CUST. ACCOUNT NO
50042885

SALES ORDER
6002020-01

CUST P.O. NUMBER
C19444

SHIP DATE
09/01/06

CUST. ACCOUNT NO
50042885

SHIP TO
INFRA METALS CT
ATTN: RALPH CAJAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INVOICE TO
INFRA METALS CT
ATTN: RALPH CAJAZZA
8 PENT HIGHWAY
WALLINGFORD, CT 06492

SHIP DATE
09/01/06

CUST. ACCOUNT NO
50042885

SALES ORDER
6002020-01

CUST P.O. NUMBER
C19444

SHAPE & SIZE	GRADE	SPECIFICATION										
C3 X 7.1/16C	A36	ASTM A36-05, ASTM A709 GR36										
C	Min	P	S	Si	Cu	Mn	Cr	Mo	V	Nb	Sn	C Eqv
	.15	.01	.038	.21	.40	.12	.11	.021	.003	<.008	.013	.37

Mechanical Test: Yield 64000 PSI, 372.32 MPA Tensile: 72000 PSI, 496.42 MPA %EI: 22.08in, 22.0/203.2mm SKI Dev=0

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 64000 PSI, 372.32 MPA Tensile: 72000 PSI, 496.42 MPA %EI: 24.08in, 24.0/203.2mm SKI Dev=0

Customer Requirements CASTING: STRAND CAST

SHAPE & SIZE	GRADE	SPECIFICATION										
C4 X 13.1/16C	A36	ASTM A36-05, ASTM A709 GR36										
C	Min	P	S	Si	Cu	Mn	Cr	Mo	V	Nb	Sn	C Eqv
	.16	.01	.028	.23	.30	.09	.14	.030	<.008	<.008	.010	.35

Mechanical Test: Yield 47000 PSI, 324.05 MPA Tensile: 70000 PSI, 482.83 MPA %EI: 25.08in, 25.0/203.2mm SKI Dev=0

Customer Requirements CASTING: STRAND CAST

Mechanical Test: Yield 51000 PSI, 351.63 MPA Tensile: 73000 PSI, 503.32 MPA %EI: 26.08in, 26.0/203.2mm SKI Dev=0

Customer Requirements CASTING: STRAND CAST

SALES ORDER
6002020-02

CUST P.O. NUMBER
C19444

MC4138

Customer Notes

A36: ASTM A36-00A & ASTM A709 GR36

This material, including the billets, was melted and manufactured in the United States of America

Bruce Yelamanchelli
Quality Director
Gerdau Ameristeel

Miss L. P. Papp

Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.



GERDAU AMERISTEEL
CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42028 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-018736

PRODUCED IN: CALVERT CITY

SHIP TO LEROUX STEEL 1331 GRAHAM BELL CN TRACK BK021 BOUCHERVILLE, PQ J48 6A1		INVOICE TO LEROUX STEEL INC 1331 GRAHAM BELL BOUCHERVILLE, PQ J48 6A1		SHIP DATE 05/18/06	CUST. ACCOUNT NO 60005940
---	--	--	--	-----------------------	------------------------------

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C1 X 13.5MMAC	44W	CANCSA G40.21-04	6014863-02	94006270
HEAT I.D.	C	Mn P S Si Cu Ni Cr Mo V Nb B N Sn Al Ti C Eq		
K90123	.18	.73 .008 .025 .22 .29 .08 .11 .013 .002 <.008 .0000 .011 .000 .00000 .35		
Mechanical Test:	Yield 44300 PSI, 305.90 MPA	Tensile: 60900 PSI, 473.6 MPA	%EL: 23.28%, 23.2/203.2mm Sld Dev'd	
Customer Requirements:	CASTING: STRAND CAST			
Mechanical Test:	Yield 44800 PSI, 309.57 MPA	Tensile: 61350 PSI, 478.15 MPA	%EL: 24.28%, 24.2/203.2mm Sld Dev'd	
Customer Requirements:	CASTING: STRAND CAST			
SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C1 X 13.5MMAC	44W	CANCSA G40.21-04	6014863-03	94006270
HEAT I.D.	C	Mn P S Si Cu Ni Cr Mo V Nb B N Sn Al Ti C Eq		
K90123	.18	.73 .008 .025 .22 .29 .08 .11 .013 .002 <.008 .0000 .011 .000 .00000 .35		
Mechanical Test:	Yield 44300 PSI, 305.90 MPA	Tensile: 60900 PSI, 473.6 MPA	%EL: 23.28%, 23.2/203.2mm Sld Dev'd	
Customer Requirements:	CASTING: STRAND CAST			
Mechanical Test:	Yield 44800 PSI, 309.57 MPA	Tensile: 61350 PSI, 478.15 MPA	%EL: 24.28%, 24.2/203.2mm Sld Dev'd	
Customer Requirements:	CASTING: STRAND CAST			

MCL4138



094016756

ORDS

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS
AS CONTAINED IN THE PERMANENT RECORDS OF LEROUX.

Alice L. Fisher
Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

This material, including the billets, was melted and manufactured in the United States of America

John Turner
Adj. Turner
Quality Assurance Manager
MIL Group

20 pcs. = 5098

HEAT# B1611
DATE SHIPPED 3/15/2006

SHIPMENT# 0274352
SIZE: FL 5 X 3/4
ORDER ITEM# 172011/06
SOLD TO: MILL METALS CORP
FAX#/EMAIL:

HRF345

CERTIFIED TEST REPORT

NUCOR

BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

POT# 17514

CUST. P.O. 40011

PART #:
GRADE : ASTM A36-04/CSA-44W
SPEC A709-04A GR36
SUPP. REQ:
SHIP TO: MILL METALS CORP

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
180	710	170	014	047	480	0900	120	037	014	002	0040	0020	0008	XXX	002

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN. DIA	R.A.
47.50	68.60	8	31.3	.0	.0
47.60	70.30	8	30.0	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN. DIA	R.A.

CHARPY IMPACT TEST

TEMP. F.	FT./LB.	SUBSIZE SPECIMEN SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

(sign)

SUBSCRIBED AND SHOWN BEFORE

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BC/05276
143000

Grain Size	Reduction Ratio	As Rolled Hardness	D.I.	C.F.	C.I.
XXX	XXX	XXX	XXX	.396	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12

J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

CUSTOMER SPECIAL INSTRUCTIONS:

P.O.#17514
01/04/07



CARTERSVILLE STEEL MILL
384 OLD GRASSDALE RD NE
CARTERSVILLE GA 30121 USA
(770) 387-3300

Chemical and Physical Test Report
MADE IN UNITED STATES

G-083032

PRODUCED IN: CARTERSVILLE

SHIP TO
MILL METALS CORPORATION
603-628-7351
62 MAPLE ST.
MANCHESTER, NH 03103

INVOICE TO
MILL METALS
MILL STEEL INC
62 MAPLE STREET
MANCHESTER, NH 03103

SHIP DATE
12/26/06
CUST. ACCOUNT NO
60076023

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER																
F1/2 X 7	A36	A36/A4W ASTM A36-05, CSA G40.21-87 44W, SA-36 01, ASTM A708 GR36-05	6128731-02	4421-01																
HEAT I.D. G605871	C .18 .80 .008	S .19 .25 .07	Mo .020 .001	Nb .005 <.008	V .001	Cr .05	Ni .07	Cu .25	Si .19	Mn .80	P .008	C .18	Ca .00060	Ti .00100	Al .001	Sn .008	N .0118	B .0005	As .00060	C Eqv .345

Mechanical Test: Yield 48300 PSI, 333.02 MPA Tensile: 72900 PSI, 502.83 MPA %El: 25.5/8h, 25.5/200MM Sld Dev:0 Idl Diam: .527
Customer Requirements CASTING: STRAND CAST
Mechanical Test: Yield 49400 PSI, 340.8 MPA Tensile: 73600 PSI, 507.45 MPA %El: 26.8/8h, 26.8/200MM Sld Dev:0 Idl Diam: .527
Customer Requirements CASTING: STRAND CAST
Mechanical Test: Yield 49400 PSI, 340.8 MPA Tensile: 73600 PSI, 507.45 MPA %El: 26.8/8h, 26.8/200MM Idl Diam: .527
Mechanical Test: Yield 48300 PSI, 333.02 MPA Tensile: 72800 PSI, 502.83 MPA %El: 25.5/8h, 25.5/200MM Idl Diam: .527

HLF127

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER																
F1/4 X 6	A36	A36/A4W ASTM A36-05, CSA G40.21-87 44W, SA-36 01, ASTM A708 GR36-05	6128883-01	44021-01																
HEAT I.D. G605856	C .18 .82 .009	S .20 .27	Mo .020 .08	Nb .002	V .002	Cr .08	Ni .09	Cu .27	Si .20	Mn .82	P .009	C .18	Ca .00040	Ti .00100	Al .002	Sn .010	N .0066	B .0005	As .00040	C Eqv .364

Mechanical Test: Yield 54400 PSI, 375.07 MPA Tensile: 74600 PSI, 514.35 MPA %El: 25.1/8h, 25.1/200MM Sld Dev:0 Idl Diam: .581
Customer Requirements CASTING: STRAND CAST
Mechanical Test: Yield 53000 PSI, 365.42 MPA Tensile: 74400 PSI, 512.97 MPA %El: 25.7/8h, 25.7/200MM Sld Dev:0 Idl Diam: .581
Customer Requirements CASTING: STRAND CAST

This material, including the billets, was produced and manufactured in the United States of America

Bhaskar Yalamanchali
Quality Director
Gerdau Ameristeel

Signature

Mgr. Metallurg. Svcs.
CARTERSVILLE STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

CERTIFIED TEST REPORT



BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

32 pcs = 4894

HEAT # B8085

DATE SHIPPED 11/30/2006

SHIPMENT # 0288004

SIZE: FL 6 X 3/8 20' 0"

ORDER ITEM# 183269/ 16

SOLD TO: Mill Metals Corp (dba)

FAX#EMAIL:

HF 386

CUST. P.O. 43635
PART #:
GRADE : ASTM A36-05/CSA-44W
SPEC A709-05A GR36
SUPP. REQ:
SHIP TO: MILL METALS CORP

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
190	730	200	.021	.049	.350	1000	160	.038	.012	.000	.0030	.0010	.0008	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	R.A.
K.S.I.	K.S.I.	LENGTH	ELONG	PIN. DIA	PIN. DIA
49.40	72.70	8	32.5	.0	.0
50.50	74.40	8	30.0	.0	.0
MPa	MPa	GAUGE	% ELONG	BEND	R.A.
LENGTH	LENGTH	PIN. DIA	PIN. DIA	PIN. DIA	PIN. DIA

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size	Reduction Ratio	As Rolled Hardness	D.I.	C.F.	C.I.
XXX	XXX	XXX	XXX	.414	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED OR WHEN REQUESTED

CUSTOMER SPECIAL INSTRUCTIONS:

GERDAU AMERISTEEL

WHITBY STEEL MILL
HOPKINS STREET SOUTH
WHITBY ON L1N 5T1 CAN
(905) 668-6811

Chemical and Physical Test Report

MADE IN CANADA

W-068387

PRODUCED IN: WHITBY

SHIP TO
MILL METALS CORPORATION
903-626-7351
62 MAPLE ST.
MANCHESTER, NH 03103

INVOICE TO
MILL METALS
MILL STEEL INC
62 MAPLE STREET
MANCHESTER, NH 03103

SHIP DATE
12/13/06
CUST. ACCOUNT NO
60076023

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
A2 X 2 X 3/8	A36	C.S.A. G40.21-68 44W50W; ASTM: A36 - 97a ASTM A709- 97b ASME: SA36 (A)	6072211-04	41812-04
HEAT I.D. B39711	C Mn P S Si Cu Ni Cr Mo V Nb B N Sn Al Ti Zr Ca C Ery	.17 .76 .011 .027 .14 .26 .12 .11 .040 <.008 <.008 .0178 .014 .000 .00000 .000 .00000 .000 .00000 .362		

Mechanical Test Yield 50171 PSI, 345.92 MPA Tensile: 74744 PSI, 515.34 MPA %EI: 30.678in, 30.0/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING; STRAND CAST
Mechanical Test Yield 51396 PSI, 354.36 MPA Tensile: 74864 PSI, 516.17 MPA %EI: 30.076in, 30.0/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING; STRAND CAST

A 2238

SHAPE + SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
A3 X 3 X 1/2	A36	CSA-G40.21-68(44W)ASTM A36M-01a ASTM709-01b ASME:SA36-06a	6120004-01	43696-01
HEAT I.D. B39279	C Mn P S Si Cu Ni Cr Mo V Nb B N Sn Al Ti Zr Ca C Ery	.17 .79 .009 .023 .19 .42 .12 .11 .038 <.008 <.008 .0150 .011 .000 .00000 .000 .00000 .000 .00000 .365		

Mechanical Test Yield 48563 PSI, 341.86 MPA Tensile: 76171 PSI, 516.29 MPA %EI: 31.278in, 31.2/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING; STRAND CAST
Mechanical Test Yield 50143 PSI, 345.72 MPA Tensile: 75360 PSI, 519.73 MPA %EI: 31.278in, 31.2/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING; STRAND CAST

This material, including the billets, was produced and manufactured in Canada
Bilsteeler Yellamanchili
Quality Director
Gerdau Ameristeel

Maskay

B.R. B...

Mgr. Metallurg. Svcs.
WHITBY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.



CALVERT CITY STEEL MILL
1030 SHAR-CAL ROAD
CALVERT CITY KY 42029 USA
(270) 395-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-0233096

PRODUCED IN: CALVERT CITY

SHIP TO INFRA METAL-PREUSSAG INT'L. 8 PENT HIGHWAY WALLINGFORD, CT 06482	INVOICE TO INFRA METALS CT ATTN: RALPH CAIAZZA 8 PENT HIGHWAY WALLINGFORD, CT 06482	SHIP DATE 08/26/06	CUST. ACCOUNT NO 50042885
---	---	-----------------------	------------------------------

SHAPE * SIZE F3/8 X 12	GRADE A36	SPECIFICATION ASTM A36-05, A709 GR36	SALES ORDER 0653078-05	CUST P.O. NUMBER C19648
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HEAT I.D. Y629088	C .14	Mn .69	P .015	S .028	Si .22	Cu .30	NI .05	CA .10	Mo .023	Y .001	Nb <.004	B .0004	N .0102	Sn .012	Al .001	C EPT .211
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Mechanical Test: Yield 46000 PSI, 330.95 MPA Tensile: 68000 PSI, 468.64 MPA %EI: 21.0%/in, 20.0/200.2mm Sid Dev:0
Customer Requirements: CASTING- STRAND CAST
Mechanical Test: Yield 52000 PSI, 359.53 MPA Tensile: 70000 PSI, 482.63 MPA %EI: 21.0%/in, 23.0/200.2mm Sid Dev:0
Customer Requirements: CASTING- STRAND CAST

SHAPE * SIZE F3/8 X 12	GRADE A36	SPECIFICATION ASTM A36-05, A709 GR36	SALES ORDER 0653078-05	CUST P.O. NUMBER C19648
---------------------------	--------------	---	---------------------------	----------------------------

HEAT I.D. Y629087	C .13	Mn .57	P .011	S .025	Si .22	Cu .31	NI .10	CA .08	Mo .025	V .001	Nb <.008	B .0004	N .0090	Sn .014	Al .001	C EPT .286
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Mechanical Test: Yield 50000 PSI, 344.74 MPA Tensile: 71000 PSI, 489.53 MPA %EI: 27.0%/in, 27.0/200.2mm Sid Dev:0
Customer Requirements: CASTING- STRAND CAST
Mechanical Test: Yield 51000 PSI, 351.83 MPA Tensile: 71000 PSI, 489.53 MPA %EI: 25.0%/in, 25.0/200.2mm Sid Dev:0
Customer Requirements: CASTING- STRAND CAST

Customer Notes

A36: ASTM A36-00A & ASTM A709 GR36

This material, including the labels, was melted and manufactured in the United States of America

Bradley Yelenovich
Quality Director
Gerdau Ameristeel

Maskary

William L. Phipps

Mgr. Metallurg. Svcs.
CALVERT CITY STEEL MILL

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 Darlington, South Carolina

BC Printed: 4/22/06 17:50:04

Load # 77761 30L H 422961

BILL OF LADING NO.

422961

Prepaid

CUSCH 4936
 INFRA-METALS

HYC588143
 INFRA-METALS

SOLD TO: 8 PENI HIGHWAY, TRACK #953
 WALLINGFORD, CT
 830-243-4410 06492

SHIPTO: 8 PENI HIGHWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410 06492

P - 154 C - 90

MYC588143 14 Rail

Tag No.	P.C.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	EL	C	Mn	SI	S	P	V	DB	Cu	Cr	Ni	Mo	CE
406025128	C19355	4X	1/4 A36/36M	40' 00"	43	9,976	761954	75000	51000	25	.19	.73	.15	.030	.010	.006	.00	.26	.15	.10	.02	.35
406025010	C19355	4X	3/8 A36/36M	40' 00"	30	10,200	761975	76000	51000	26	.21	.74	.13	.040	.020	.003	.00	.28	.12	.11	.02	.38
406025011	C19287	4X	3/8 A36/36M	40' 00"	30	10,200	761976	74000	50000	25	.22	.73	.17	.040	.010	.003	.00	.36	.13	.11	.03	.40
406025078	C19355	4X	5/16 A36/36M	40' 00"	32	9,236	761978	79000	54000	25	.20	.72	.15	.040	.010	.003	.00	.39	.14	.10	.03	.38
406025079	C19355	4X	5/16 A36/36M	40' 00"	32	9,216	761978	79000	54000	25	.20	.72	.15	.040	.010	.003	.00	.39	.14	.10	.03	.38
406025080	C19355	4X	5/16 A36/36M	40' 00"	35	10,080	761978	79000	54000	25	.20	.72	.15	.040	.010	.003	.00	.39	.14	.10	.03	.38

Total 565 181,836

Tons 90.818

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(230), ASME SA36(250), and AASHTO M270 GR36(250).
 Grade A36/A36X meets all requirements for grades ASTM A36, A579 GR36(250), A789 GR36(250), ASME SA36(250) and AASHTO M270 GR36(250).

RAILCAR DP 1.84 YR0 3/30/06 BORAVERT BLK 25X BOL/CARB TO BOB 203/294-2953
 RAILCAR MUST BE TARPED!!! CALL DAVE DUDZINSKI FOR RDP# 808-243-4410
 XCAR SBTP 66' GONDOLASX SCRF-FLORE-CSKI-NSPRI LOAD 263 MAX DR CSO
 SHIP PREPARED (GRADE A36/36M OR CALL) SHIP MATERIAL ASR 90 TONS ROLLED
 RAIL/PP

SIS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H B
 James H. Blev
 Chief Metallurgist

MADE BY **NUCOR** (903) 200-5521

17:55 04/22/2006 10:08,2032942993

NUCOR STEEL SC FROM:



CMC Steel Alabama and South Carolina
 CMC Steel Alabama CMC Steel South Carolina
 P.O. Box 321188 Box 2905
 Birmingham, AL 35232-1188 Cayce, SC 29171-2905
 www.cmcsteel-al.com www.cmcsteel-sc.com

CERTIFIED MILL TEST REPORT
 For Additional copies call (800) 621-0262

We hereby certify that the test results presented here
 are accurate and conform to the reported grade
John A. Powell
 Quality Assurance Manager

HEAT NO:	SECTION:	GRADE:	WEIGHT/PCS:	S INFRAMETALS CORP NEW ENGLAND 8 PENT HILLWAY WALLINGFORD, CT 06492-		S INFRAMETALS 8 PENT HILLWAY WALLINGFORD, CT 06492-		S INFRAMETALS 8 PENT HILLWAY WALLINGFORD, CT 06492-							
				SHIP:	BOL:	INVT:	CUST PO#:	CUST PNF:	SHIP:	BOL:	INVT:	CUST PO#:	CUST PNF:		
167345	L 7X43/8 X 1400"	ASTM A529-05-50/ASTM A36-05	76.160 / 140	ASTM A529M-05-345/A36M-05	387.2MPA	56.2KSI	389.0MPA	56.4KSI	389.0MPA	56.4KSI	101857/118	260454	8300360592	C114925	
					523.8MPA	76.1KSI	524.8MPA	76.1KSI	524.8MPA	76.1KSI					
					22%	22%	23%	23%	23%	23%					
					203MM	RINS	203MM	RINS	203MM	RINS					
CHEMICAL ANALYSIS				MECHANICAL				PROPERTIES							
%				TEST 1				TEST 2				TEST 3			
C	0.17	Yield Strength		56.2KSI	387.2MPA	56.4KSI	389.0MPA	56.4KSI	389.0MPA	56.4KSI					
MN	0.65	Tensile Strength		76.0KSI	523.8MPA	76.1KSI	524.8MPA	76.1KSI	524.8MPA	76.1KSI					
P	0.017	Elongation		22%	22%	23%	23%	23%	23%	23%					
S	0.014	Gauge Length		RINS	203MM	RINS	203MM	RINS	203MM	RINS					
SI	0.19	Reduction of Area													
CU	0.40	Bend Test													
CR	0.16	Diameter													
NI	0.09	Charpy Impact													
MO	0.019	Test Temp													
CB	0.013	Sample Size													
V	0.002	Orientation													
SN	0.012	Hardness													
B	0.0002														
TI	0.001														
C-E	0.35														
AL	0.001														
N	0.004														
JOINTLY RESULTS - Rockwell C Hardness at 1/16th inch increments				GRAIN SIZE				INCLUSION RATING							
1	2	3	4	5	6	7	8	9	10	11	12	METHOD		METHOD	
												TYPE		TYPE	
												SIZE		SIZE	
13	14	15	16	18	20	22	24	26	28	30	32	RESULT		RESULT	
100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS															
REMARKS															
Meets Specifications NO GRADE, ASTM A36-05, ASTM A36-05/CAN/CSA G40.21 44															
ASTM A36-05/A572-04 GR50 TP1, ASTM A36-05, CAN/CSA G40.21 44 44W Meets Specifications CAN/CSA G40.21 44 44W/SUW, CAN/CSA G40.21 44 50W															
ASTM A529-05 GRADE 50, ASTM A529-05-50/A529-05-55, ASTM A572-04 50 TP 1 Meets Specifications ASTM A709-05 GR 50, ASTM A709-05 GRADE 50 TP 1															
ABS PART 2-2006 GR A, ABS PART 2-2006 GR-A/A36-05, ASME SA-36-03a, Meets Specifications ASTM A529-05-50/ASTM A36-05															

CERTIFIED TEST REPORT



BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

150 pcs. = 49200

HEAT# B8060
DATE SHIPPED 11/20/2008
SHIPMENT# 028764
SIZE: AN 4 X 4 X 5/16 40' 0"
ORDER ITEM# 180053/ 24
SOLD TO: INFRA-METALS CORP - CT
FAX#EMAIL: 2032942993

CUST. P.O. C20217
PART #: L4405
GRADE: A529-04 GR50/55
SPEC CSA G40.21-98 GR55W
SUPP. REQ:
SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
200	1.10	1.70	0.19	0.49	370	0.900	1.10	0.39	0.14	0.32	0.060	0.010	0.011	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
61.10	84.90	B	23.8	.0	.0
59.10	84.70	B	25.0	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size	Reduction Ratio	As Rolled Hardness	D.I	C.F	C.I
XXX	XXX	XXX	XXX	.480	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J18	J18	J20	J22	J24	J28	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BG/052:0
131200

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARTINGTON

1161ds, South Carolina

BL Printed: 5/29/06 12:35:06

Load # 81465

SOL # 426405

BILL OF LADING NO.

426405
PAGE 1

Propaid

R 3

CUST# 4936

INFRA-METALS

SOLD TO: 8 PENT HIGHWAY, TRACK #53
WALLINGFORD, CT
800-243-4410 06492

SHIP TO: 8 PENT HIGHWAY, TRACK #53
WALLINGFORD, CT
800-243-4410 06492

INFRA-METALS

Req. No.	P. O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	FL	C	Mn	Si	S	P	V	Nb	Cu	Cr	Bi	Mo	CE
406043402	C19394	2X	1/4 A36/36X	40' 00"	63	10,132	762790	74000	53000	26	.16	.74	.15	.090	.010	.003	.00	.35	.16	.12	.03	.35
40604350	C19381	4X	3/8 A36/36X	40' 00"	28	10,192	763103	77000	55000	24	.21	.74	.16	.040	.020	.004	.00	.39	.16	.12	.03	.40
40604343	C19381	4X	3/8 A36/36X	40' 00"	28	10,192	763105	77000	56000	22	.22	.71	.15	.090	.020	.004	.00	.35	.16	.11	.03	.40
40604346	C19408	4X	3/8 A36/36X	40' 00"	28	10,192	763105	77000	56000	21	.22	.71	.15	.090	.020	.004	.00	.35	.16	.11	.03	.40
40604348	C19408	4X	3/8 A36/36X	40' 00"	28	10,192	763105	77000	56000	22	.22	.71	.15	.090	.020	.004	.00	.35	.16	.11	.03	.40
40604343	C19381	4X	3/8 A36/36X	40' 00"	28	10,192	763105	77000	56000	22	.22	.71	.15	.090	.020	.004	.00	.35	.16	.11	.03	.40
40604346	19403	1X	3/8 A36/36X	40' 60"	32	9,856	763106	75000	51000	24	.21	.71	.15	.040	.020	.004	.01	.45	.15	.11	.03	.39
406040437	19403	4X	3/8 A36/36X	40' 60"	32	9,856	763106	75000	51000	24	.21	.71	.15	.040	.020	.004	.01	.45	.15	.11	.03	.39
406040438	19403	4X	3/8 A36/36X	40' 60"	32	9,856	763106	75000	51000	24	.21	.71	.15	.040	.020	.004	.01	.45	.15	.11	.03	.39
406040424	C19381	4X	3/8 A36/36X	40' 60"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41

NUCOR STEEL SO PAGE 002 OF 003

13:15 05/29/2006 10:08,2032942993

SIS-FRM-06 REVISION:3 REVISION DATE: 8/10/97

Permanent address of shipper:
NUCOR
300 STEEL MILL ROAD
DARTINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
MELTED AND MANUFACTURED IN THE USA
MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. B.
James H. Buey
Chief Metallurgist

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Waxh, South Carolina

BL Printed: 5/23/06 12:35:06

Load # 81465 B01 # 426405

BILL OF LADING NO.

426405
PAGE 2

Prepaid

R J

CUST# 4935
INFRA-METALS

SOLD TO: 9 PEBI HIGHWAY, TRACK #933
WALLINGFORD, CT
800-243-4410

SHP TO: 8 PEBI HIGHWAY, TRACK #931
WALLINGFORD, CT
800-243-4410

INFRA-METALS

P - 154 C - 98
CSX1486927 10 RA1

06492

Log No.	P.O.	Size	Spec	Length	PCS	Weight	Heat #	Tensile	Yield	EL	C	Mn	Si	S	P	V	DB	Cu	Cz	Ni	Mo	Co
406040423	C19381	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040426	C19381	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040427	C19381	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040428	C19381	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040429	C19381	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040430	19403	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040431	19403	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41
406040432	19403	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	763107	77000	53000	25	.22	.74	.14	.040	.010	.005	.01	.37	.15	.12	.03	.41

Total 587 179,564

Tons 69,782

Grade A36/36H meets all requirements for grades ASTM A36, A325 GR50(345), A709 GR36(250), ASME SA36(250) and ASME SA36(250)

REQUIREMENTS FOR GRADES A36, A325 GR50(345), A709 GR36(250), ASME SA36(250) and ASME SA36(250)
 BATHING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL
 WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL
 WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

SLS-FRA-08 REVISION:1 REVISION DATE: 0/23/97

Permanent address of shipper:

NUCOR
300 STEEL MILL ROAD
DARLINGTON, S.C. 29540

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

James H. New
Chief Metallurgist

AXIS 3000 (400) 200-5321



We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

CERTIFIED MILL TEST REPORT

For additional copies call

CMC Steel - South Carolina
Box 2006
Cayce, SC 29171-2006
www.cmc-steel.com

CMC Steel - Alabama
P.O. Box 321188
Birmingham, AL 35232-1188
www.cmc-steel.com

HEAT NO: J64846	S	S	SHIP#:	101788211
SECTION: F 7x6/8 x20"	O	H	BOL #:	254782
F 176x15.9x6.086	L	I	INV #:	8300354678
GRADE: ASTM A36-05	D	P	CUST PO#:	C19520
ASTM A36M-05	T	O	CUST P/N:	
	O			

John P. Powell - CMC Steel AL
Quality Assurance Manager

CHEMICAL ANALYSIS	PROPERTIES					
	TEST 1		TEST 2		TEST 3	
%	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	0.16					
Mn	0.65					
P	0.015					
S	0.034					
Si	0.18					
Cu	0.54					
Cr	0.50					
Ni	0.31					
Mo	0.113					
Cb	0.002					
V	0.005					
Sn	0.010					
B	0.0004					
Ti	0.001					
C.Eq.	0.45					
	0.002					
	0.006					

	JOHNNY RESULTS - Rockwell C hardness at 1/16th inch increments												GRAIN SIZE		INCLUSION RATING		
	1	2	3	4	5	6	7	8	9	10	11	12	METHOD	RESULT	METHOD	TYPE	SIZE
13																	
14																	
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99																	
100																	

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

REMARKS:

Meets Specifications NO GRADE, MIL-S-22689C GR A CLLJ ANM 1&2 AASHTO M270-03 GR 36, ASTM A36-05, ASTM A36-05/CAN.CSA
Meets Specifications CAN/CSA-G40.21-04 44W, ASTM A709-05 GR 36 ABS PART 2-2006 GR A, ABS PART 2-2006 GR-A/A38-05, ASME SA-36-03a

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON

31045, South Carolina

BL Printed: 11/26/16 12:31:03

Lead # 95012

301 H 438583

NUCOR STEEL SC PAGE 02 of 03



TELEPHONE (843) 293-3341

435533
PAGE 1

Prepaid

3 1

FCEN95575

4936
INFR-MEPLS

INFR-MEPLS

SOLD TO: 6 PENI HIGHWAY, TRUCK HESS
 WELLSFORD, CT
 060-243-4410

SHIP TO: 6 PENI HIGHWAY, TRUCK HESS
 WELLSFORD, CT
 060-243-4410

Log No. P.J.
 406046645 C13426

Size 31/2X
 5X 31/2X 3/2 A36/36K 40' 50'

Spec 3/2 A36/36K 40' 50'
 5X 31/2X 3/2 A36/36K 40' 50'
 5X 31/2X 3/2 A36/36K 40' 50'
 5X 31/2X 3/2 A36/36K 40' 50'

Weight 5,954 753536
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Heat # 76030 77030 78030 79030
 76030 77030 78030 79030
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406046645 C13426
 406046645 C13426
 406046645 C13426
 406046645 C13426

Size 31/2X
 5X 31/2X 3/2 A36/36K 40' 50'

Spec 3/2 A36/36K 40' 50'
 5X 31/2X 3/2 A36/36K 40' 50'
 5X 31/2X 3/2 A36/36K 40' 50'

Weight 5,954 753536
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Heat # 76030 77030 78030 79030
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65705 X 40

S.S.-72K-C3 REVISION:1 REVISION DATE: 8/10/17

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Blaw
 Chief Metallurgist

MADE BY 2333332 (R09) 200-531

13:15 18/26/2006 10:88,2832942993

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Blades, South Carolina

BL Printed: 10/25/06 12:13:05

Order # 95312

WOL # 938583

2

430583
PAGE

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 TELEPHONE 843/325-541

BILL OF LADING NO.

R 2

NUCOR STEEL SC PAGE 003 OF 003

CUS:R 4935
 INFRAMATERIALS
 FCER36575

SOLD TO:
 3 WING HIGHWAY, TRUCK #953
 WALLINGFORD, CT
 200-243-4410

INFRAMATERIALS

SHIP TO:
 6 PINE BLENCH, TRUCK #553
 WALLINGFORD, CT
 200-243-4410

Tag No.	P.C.	Size	Spec	Length	Pos	Weight	Part	Yield	El	C	Mn	Si	S	P	V	Nb	Cu	CE	MS	K ₂	CE	
406084433	C19426	6X 31/2X	5/16 A36/36K	60' 00"	25	10,132	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		
406084932	C19426	6X 31/2X	5/16 A36/36K	60' 00"	25	9,900	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		
406084931	C19426	6X 31/2X	5/16 A36/36K	60' 00"	25	9,900	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		
406084934	C19426	6X 31/2X	5/16 A36/36K	60' 00"	25	9,900	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		
406084935	C19426	6X 31/2X	5/16 A36/36K	60' 00"	26	10,132	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		
406084934	C19426	6X 31/2X	5/16 A36/36K	60' 00"	25	9,900	766545	74000	23	.22	.75	.25	.030	.002	.002	.00	.40	.12	.03	.41		

Total 450,169,772 Tons 84,886

Grade = 36/PSM meets all requirements for grades ASTM A36, A529, GR50(345), A715, GR35(250), ASME SA36(250) and ASTM A270 GR36(250)

MAX WEIGHT UN REEL MAX VCI ESCAPE 263,000#. SCRF--DRE--CSKI--USPRE--CSC
 REELER MUST BE TARPED!!! CALL DAVE BUDZINSKI FOR REEL # 800-243-4410
 XCRN SHIP 66' CONULLESK BORGWERNER BLK. F&K B/L CFH YU 808 203-294-2553
 PP 1.39 THRU 9/30/07. STEEL GRADE OR CALL) SBIP MATERIAL ASR 90 TONS REEL

SLS-FRM JOB REVISIONS: REVISIONS DATE: 8/10/07

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Bony
 Chief Metallurgist

PAID BY **NUCOR** (800) 200-4421

13:15 18/26/2006 10:BB,2032942993

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 I A PLACE, LOUISIANA 70068-1156
 Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6** INVOICE NO. **PO:C19462**
 ACCORDANCE WITH **PRODUCT ANGLES** Cust I-3443 -0002
HEAT NO. 53147 24 Pcb GRADE **A3652950 -**
Length 40'0" SIZE **L 5 X 5 X 5/16 X 10.3**

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	YIELD STRENGTH	54,322 PSI	375 MPa	54,200 PSI	374 MPa	PSI	MPa
Mn	TENSILE STRENGTH	70,964 PSI	489 MPa	71,431 PSI	493 MPa	PSI	MPa
P	ELONGATION	38.0 %	38.0 %	41.0 %	41.0 %	%	%
S	GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
Si	BEND TEST DIAMETER	d	d	d	d	d	d
Cu	BEND TEST RESULTS	eq in	eq mm	eq in	eq mm	sq in	sq mm
Ni	SPECIMEN AREA	%	%	%	%	%	%
Cr	REDUCTION OF AREA	ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo	IMPACT STRENGTH						
Cb							
V							
B							
Al							
Sn							
N							
Ti							

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS
AVERAGE TEST TEMP ORIENTATION	ft-lbs F	J C	GRAIN SIZE HARDNESS GRAIN PRACTICE REDUCTION RATIO

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN
 PARISH ON THIS _____ DAY OF _____, 20____

Mark Edwards
 SIGNED _____
 MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING
 THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Solbeau, # 81887, Notary Public

1-800-535-7892 (USA)

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Flt. 6s, South Carolina

9L Printed: 9/10/06 16:20:55

Load # 93049

802 # 436664

BILL OF LADING NO.

Prepaid

436664
 PF02

R J

CUSTOMER 4936

INFR-METALS

SOLD TO: 6 PENI BIGWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410 06192

SHIP TO: 6 PENI BIGWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410 06192

INFR-METALS

P - 154 C - 90

CSX1701168 39 Rail

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Bar #	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	CI	NI	Mo	CE
406077361	C19426	6X 31/2X	1/2 A36	90' 00"	13	9,100	763334	52000	23	.20	.70	.16	.040	.010	.003	.00	.41	.13	.11	.03	.38
406077362	C19426	6X 31/2X	1/2 A36	90' 00"	15	9,180	763336	53000	22	.21	.77	.15	.050	.010	.002	.00	.37	.15	.11	.03	.60
406077376	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765049	77000	23	.22	.72	.16	.040	.020	.005	.00	.44	.15	.10	.02	.91
406077356	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	78000	26	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077361	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	766041	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077362	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	77000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077363	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	77000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077365	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	77000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077366	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	77000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077367	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	765041	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

FROM: NUCOR STEEL SC

17:21 09/30/2006 10:08, Z032942993

SLS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29640

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL

[Signature]
 James H. Blew
 Chief Metallurgical

MADE BY **NUCOR** (800) 200-6521

MILL TEST REPORT
NUCOR
BAR MILL DARLINGTON

FROM: **NUCOR**
BAR MILL DARLINGTON

1044ds, South Carolina

BL Printed: 9/30/06 16:20:55

Lead H. 93043

901 F

416661

BILL OF LADING NO.

536664
PAGE 2

Frepolc

R J

CUST# 4936 CSMT705168

INERR-METALS

SOLD TO: 8 DENI HIGHWAY, TRACK H333
 WASHINGTON, CT
 803-243-4410

SHIP TO: 8 DENI HIGHWAY, TRACK H333
 WASHINGTON, CT
 803-243-4410

INERR-METALS

06492

CSMT705168

99 R011

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	HL	Mo	CE
906077368	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077369	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077370	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
906077371	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
906077372	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
906077373	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
435077374	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406377375	C19426	4X 31/2X 5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

Total 592 176,056 Tons 88,028

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and ASME M270 GR36(250).
 Grade A36/A36M meets all requirements for grades ASTM A36, A529 GR50(345), A709 GR36(250), ASME SA36(250) and ASME M270 GR36(250)

RAILCAR PP 1.99 IRRD 9/30/07 BORZAVERY BLK.FAR 801/CARR ID 808 2C3/294-2993
 RAILCAR MUST BE TARPED!!! CALL DAVE DUBINSKI FOR RPTI 800-243-4410
 ICR# SHIP 66' COMODIASH SCRF-FLDRE-CSMT-NSPRI LOAD 263 MAR ON CSO
 SHIP PREPAID (GRADE A36/36M OR CALL) SHIP MATERIAL ASR 90 TONS ROLLED

SLS-FRN-08 REVISION:1 REVISION DATE: 07/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD-REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

MADE BY **NUCOR** (903) 200-5321

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H B
 James H. Blev
 Chief Metallurgist

17:21 09/30/2006 10:08,2032942993

FROM: NUCOR STEEL SC

Pot# 17524

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70069-1156
 Telephone (985) 852-4900

MATERIAL CERTIFICATION REPORT

INFRAMETALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6** INVOICE NO. **PO: C19462**
 ACCORDANCE WITH **PRODUCT ANGLES** DATE **11/14/06**
HEAT NO. 53147 24 PCB CUBT **I-3443 -0002**
Length 40'0" GNAUF **A3652950 -**
SIZE L 5 X 5 X 5/16 X 10.3

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES		TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	.12		54,322 PSI	375 MPa	54,200 PSI	374 MPa	PSI	MPa
Mn	.69		70,964 PSI	489 MPa	71,431 PSI	493 MPa	PSI	MPa
P	.018		38.0 %	38.0 %	41.0 %	41.0 %	%	%
S	.035		8 in	203 mm	8 in	203 mm	in	mm
Si	.17		d	d	d	d	d	d
Cu	.25		eq in	eq mm	eq in	eq mm	sq in	sq mm
Ni	.18		%	%	%	%	in	in
Cr	.15		ft-lbs	J	ft-lbs	J	ft-lbs	ft-lbs
Mo	.041							
Co	.008							
V	.000							
B								
Al	.007							
Sn								
N								
Ti								

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS	GRAIN SIZE
AVERAGE	ft-lbs	J		HARDNESS
TEST TEMP	F	C		
ORIENTATION				GRAIN PRACTICE
				REDUCTION RATIO

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN PARISH ON THIS _____ DAY OF _____, 20____

SIGNED

Mark Edwards

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Solhou, # 81887, Notary Public

1-800-536-7692 (USA)

PD# 17537

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 6000
 LA PLACE, LOUISIANA 70089-1156
 Telephone (985) 852-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH
ASTM A6

INVOICE NO.
A529-04

DATE **11/28/06**
 Cust **I-3443 -0002**
 GRADE **A3652950 -**
 SIZE **U 7 X 4 X 3/8 X 13.6**

PO: **C19261**

CHEMICAL ANALYSIS	TEST 1	TEST 2	TEST 3
C			
Mn			
P			
S			
Si			
Cu			
Ni			
Cr			
Mo			
Cb			
V			
B			
Al			
Sn			
N			
Ti			

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YILD STRENGTH	53,410 PSI	368 MPa	51,688 PSI	356 MPa		
TENSILE STRENGTH	73,695 PSI	508 MPa	73,837 PSI	509 MPa		
ELONGATION	33.0 %	33.0 %	33.0 %	33.0 %		
GAUGE LENGTH	8 in	203 mm	8 in	203 mm		
BEND TEST DIAMETER	d	d	d	d		
BEND TEST RESULTS	sq in	sq mm	sq in	sq mm		
SPECIMEN AREA	%	%	%	%		
REDUCTION OF AREA	ft-lbs	J	ft-lbs	J		
IMPACT STRENGTH						

IMPACT STRENGTH	INTERNAL CLEANLINESS		GRAIN SIZE HARDNESS
	IMPERIAL	METRIC	
AVERAGE TEST TEMP ORIENTATION	ft-lbs F	J C	GRAIN PRACTICE REDUCTION RATIO

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

Mark Edwards

SIGNED
 MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN PARISH ON THIS _____ DAY OF _____, 20____

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Soliman, # 81887, Notary Public

CERTIFIED TEST REPORT



BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

CUST. P.O. C20270
 PART #: FLO00602
 GRADE : ASTM A36-05/CSA 44W
 SPEC A709-05A GR36
 SUPP. REQ:
 SHIP TO: INFRA-METALS CORP-CT

199 pcs. = 10148
 HEAT# B6694
 DATE SHIPPED 9/12/2006
 SHIPMENT# 0284345
 SIZE: FL 2 X 3/8
 ORDER ITEM# 180619/ 01
 SOLD TO: INFRA-METALS CORP - CT
 FAX#/EMAIL: 2032942893

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
150	.780	.160	.017	.036	.290	1200	.160	.048	.023	.002	.0030	.0020	.0018	XXX	.004

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	% BEND	R.A.
49.20	88.10	8	31.3	.0	.0
49.00	89.80	8	32.5	.0	.0
MPa		GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN DIA	
		LENGTH	ELONG	PIN DIA	

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

Grain Size: XXX Reduction Ratio: XXX As-Rolled Hardness: XXX C.F. .375 C.L. XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BB/02630
 131200

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

NUCOR

BAR MILL GROUP
 DARLINGTON DIVISION
 TELEPHONE 843035641

831 R 481653
 Load # 98394

BILL OF LADING NO.

441653
 PAGE 1

Prepaid

DL 2elated: 12/05/06 05:47:07

R J

CSX#794787
 :DEEP-METALS
 4936
 3 DENT HIGHWAY, IR-CK 8553
 WALLINGFORD, CT 06492
 900-243-4410
 SHIP TO: R DENT HIGHWAY, -BACK 8553
 WALLINGFORD, CT 06492
 800-243-4410

NUCOR STEEL SP

FROM:

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Transl	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	Ni	Mo	CE
406077570	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077571	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077572	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077573	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077574	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077575	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077576	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077577	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077578	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077579	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077580	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077581	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36
406077582	C20242	4X	3/8 A36/36K	40' 00"	30	10,200	766065	73000	51000	27	.18	.72	.16	.040	.020	.006	.00	.35	.17	.10	.02	.36

SLS-FRM-OR REVISION: REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H
 James H. Blow
 Chief Metallurgist

PAID BY **TRUSTAR** (409) 200-5221

86:13 12/05/2006 10:88,2032942993

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 3104s, South Carolina

BL Printed: 12/05/06 05:47:07 Loc# H 98333

ROL F 441559

BILL OF LADING NO.

441559 PAGE 7

Prepaid

CJSE# 4316 CSMT704787

INFERR-NEIALS

INFERR-WEIFLS

SOLD TO: 8 DEVI HIGHWAY, TRACK F553
 WALLINGFORD, CT
 808-243-4410

SHIP TO: 8 DEVI HIGHWAY, TRACK F553
 WALLINGFORD, CT
 808-243-4410

P - 154 C - 90

CSMT704787 B Roll

TOY No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Yield	EL	C	Mn	SI	S	P	V	DB	Cu	Cr	NI	Mo	CE
406077865	C20177	4X	1/4 A36/36H	40' 00"	43	9,976	766082	72000	30	.19	.67	.16	.050	.010	.004	.00	.10	.15	.10	.02	.36
406077866	C20177	4X	1/4 A36/36H	40' 00"	43	9,976	766082	72000	30	.19	.67	.16	.050	.010	.004	.00	.10	.15	.10	.02	.36
406077938	C20177	4X	1/4 A36/36H	40' 00"	43	9,976	766087	72000	30	.21	.68	.14	.050	.010	.003	.00	.10	.15	.10	.02	.39
406077939	C20177	4X	1/4 A36/36H	40' 00"	43	9,976	766087	72000	26	.21	.68	.14	.050	.010	.003	.00	.10	.15	.10	.02	.39
406078320	C20242	6X	A36	40' 00"	30	9,912	767029	74000	31	.12	.58	.13	.010	.000	.007	.00	.35	.10	.08	.01	.26
406090251	C20242	3X	3/8 A36/36H	40' 00"	42	9,912	767029	75000	24	.23	.70	.14	.050	.010	.003	.00	.36	.11	.09	.02	.40
406090964	C20242	3X	3/8 A36/36H	40' 00"	42	9,912	767029	74000	24	.23	.70	.14	.050	.010	.003	.00	.36	.11	.09	.02	.40
406090963	C20242	3X	3/8 A36/36H	40' 00"	42	9,912	767029	74000	24	.23	.70	.14	.050	.010	.003	.00	.36	.11	.09	.02	.40

Total 655 180,812 Tons 90,416

Grade A36 meets all requirements for grades A36, A709 GR36(250), ASME SA36(250), and A530 M170 GR36(250).
 Grade A36/A35N meets all requirements for grades A36, A329 GR50(345), A709 GR36(250), ASME SA36(250) and A530 M170 GR36(250)

MAX WEIGHT ON RAIL MUST NOT EXCEED 263,000LB. SCRF-ELDR-CSI-WSPRI-CSO
 REPAIR MUST BE TARPED!!! CALL DAVE DODZIEWSKI FOR APPI 800-243-4410
 ICRB SHIP 65' CONDOLASK BORGWERTZ BLD. FAX 8/L CORN IC 808 203-254-2993
 PP 1,59 TBRJ 9/30/07. (DUEL GRADE OR COLL) SHIP MATERIAL ASA 90 TONS ROLL
 MAX WEIGHT 263,000LB

SLS-FRM-08 REVISION:1 REVISION DATE: 3/10/97

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

J H B
 James H. Broy
 Chief Metallurgist

MADE BY **NUCOR** (800) 200-4321

NUCOR STEEL SC FROM :

16:14 12/05/2006 10:88,2032942993

PO#17580

15Aug06 9:23

TEST CERTIFICATE

No: MAR 415415

Sold By:

INDEPENDENCE TUBE CORPORATION
6224 W. 74TH STREET
CHICAGO, IL 60638
Tel: 708-496-0380 Fax: 708-563-1930

P/O No C20077MF
Re1 PART I OF II
S/O No MAR 112810-001
B/L No MAR 69240-008 Shp 14Aug06
Inv No MAR -007 Inv 15Aug06

Sold To: (914)
INFRA-METALS
B PENT HIGHWAY
WALLINGFORD, CT 06492

Ship To: (2)
INFRA-METALS (RAIL)
B PENT HIGHWAY
TRACK #953
WALLINGFORD, CT

Tel: 203-294-2980 Fax: 203 294-2993

CERTIFICATE of ANALYSIS and TESTS

Cert. No: MAR 415415
15Aug06

Part No
TUBING A500C
4" SQ X 1/4" X 24'

Pcs Wgt
200 58,610

Heat Number Tag No
614080 990363
YLD=65500/TEN=81210/ELG=30.2

Pcs Wgt
20 5,861

614080	990364	20	5,861
614080	990365	20	5,861
614080	990366	20	5,861
614080	990368	20	5,861
614080	990369	20	5,861
614080	990370	20	5,861
614080	990371	20	5,861
614080	990372	20	5,861
614080	990373	20	5,861

Heat Number *** Chemical Analysis ***
614080 C=0.2100 Mn=0.8600 P=0.0110 S=0.0080 Si=0.0200 Al=0.0520
Cu=0.0200

MANUFACTURED IN USA
MEETS THE REQUIREMENTS ASTM A-500 GRADE B(C)-03a



We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

CERTIFIED MILL TEST REPORT

For additional copies call
(800) 637-3227

CMC Steel - South Carolina
Box 2005
Cayce, SC 29171-2005
www.smt-sc.com

CMC Steel - Alabama
P.O. Box 321188
Birmingham, AL 35232-1188
www.smt-al.com

John F. Powell - CMC Steel AL
Quality Assurance Manager

HEAT NO: J64846		S		S		S		SHIP#:							
SECTION: F 7x6/8 x20'		O		H		I		101788/211							
GRADE: ASTM A36-05		L		P		P		BOL #:							
ASTM A36M-05		D		T		O		254782							
		T		I		O		INV #:							
		O		P		O		8300354678							
								CUST PO#:							
								C18520							
								CUST P/N:							
PROPERTIES															
CHEMICAL ANALYSIS		TEST 1			TEST 2			TEST 3							
% MECHANICAL		IMPERIAL			IMPERIAL			IMPERIAL							
C	0.16	49.0	KSI	338.0	MPA										
Min	0.65	68.6	KSI	473.2	MPA										
P	0.015	24	%	24	%										
S	0.034	8	INS	203	MM										
Si	0.18														
Cu	0.54														
Cr	0.50														
Ni	0.31														
Mo	0.113														
Cb	0.002														
V	0.005														
Sn	0.010														
B	0.0004														
Ti	0.001														
C.Eq	0.45														
	0.002														
	0.006														
JOMINY RESULTS - Rockwell C hardness at 1/16th Inch Increments															
		GRAIN SIZE			METHOD			INCLUSION RATING							
1	2	3	4	5	6	7	8	9	10	11	12				
13	14	15	16	18	20	22	24	26	28	30	32				
		METHOD		TYPE		SIZE									
		Y		H		T		H		Y		H		T	

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

REMARKS:

Meets Specifications NO GRADE, MIL-S-22688C GR A CLU AMM 1&2 AASHTO M270-03 GR 36, ASTM A36-05, ASTM A38-05/CAN, CSA
Meets Specifications CAN/CSA-G40.21-04 44W, ASTM A709-05 GR 36 ABS PART 2-2006 GR. A, ABS PART 2-2006 GR. A/A36-05, ASME SA-36-03a

G40.21-44

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

FIGS, South Carolina

SI Printed: 12/27/06 16:22:21

Load # 147

BOL # 843292

BILL OF LADING NO.

prepaid

483292
 PRICE

1

R J

Cost# 4936
 ITPX805003

SOLD TO: 8 PENT HIGHWAY, TRACK #553
 WALLINGFORD, CT
 800-243-4410 06492

SHIP TO: 8 PENT HIGHWAY, TRACK #553
 WALLINGFORD, CT
 800-243-4410 06492

INTRA-METALS

Tag No.	P.O.	Size	Spec.	Length	PCS	Weight	Heat #	Tensile	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	Ni	Mo	CE
406070701	C20753	3X	5/16 A36/36M	40' 00"	52	10,400	755305	75000	53000	25	.20	.75	.20	.040	.020	.004	.00	.42	.14	.12	.03	.39
406078270	C20670	31/2X	5/16 A36/36M	40' 00"	38	10,032	766125	77000	53000	26	.21	.71	.18	.050	.020	.006	.01	.44	.17	.11	.02	.40
406078271	C20570	31/2X	5/16 A36/36M	40' 00"	38	10,032	766125	79000	53000	26	.21	.71	.18	.050	.020	.006	.01	.44	.17	.11	.02	.40
406078272	C20670	31/2X	5/16 A36/36M	40' 00"	38	10,032	766125	79000	53000	26	.21	.71	.18	.050	.020	.006	.01	.44	.17	.11	.02	.40
406078273	C20670	31/2X	5/16 A36/36M	40' 00"	38	10,032	766125	79000	53000	26	.21	.71	.18	.050	.020	.006	.01	.44	.17	.11	.02	.40
406079655	C20753	6CX	A529-50	20' 00"	30	4,920	766190	79000	54000	28	.22	.69	.16	.040	.010	.004	.00	.39	.17	.11	.02	.40
406079658	C20753	6CX	A529-50	20' 00"	30	4,920	766190	78000	54000	27	.22	.69	.16	.040	.010	.004	.00	.39	.17	.11	.02	.40
406083820	C20301	5X	5/8 A36	40' 00"	12	9,600	766385	61000	42000	29	.16	.71	.14	.050	.010	.004	.00	.42	.13	.11	.02	.34
406083821	C20301	5X	5/8 A36	40' 00"	12	9,600	766385	61000	42000	29	.16	.71	.14	.050	.010	.004	.00	.42	.13	.11	.02	.34
406088065	C20753	4CX	A36/36M	20' 00"	32	4,640	766799	75000	53000	24	.20	.68	.13	.050	.010	.002	.00	.52	.13	.11	.02	.38

FROM: NUCOR STEEL SC PAGE 002 OF 004

16:49 12/27/2006 10:08,2032942993

SLS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

YELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

AXED BY 1030303 (10/29/2004/52)

[Signature]
 James H. New
 Chief Metallurgist

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL GROUP
 DARLINGTON DIVISION
 Telephone 843-785-0411

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 Telephone 843-785-0411

943232
 PAGE 2

BILL OF LADING NO.

Prepaid

801 H 943232

Load # 147

Printed: 12/27/06 16:12:22

801 H 943232

R J

Cust# 4936
 INFRAMETALS
 IIPR805003

SOLD TO: 8 PENT HIGHWAY, TRUCK 8933
 WALLINGFORD, CT.
 800-243-4410 06492

SHIP TO: 8 PENT HIGHWAY, TRUCK 8953
 WALLINGFORD, CT.
 800-243-4410 06492

INFRAMETALS

P - 154 C - 90

J Roll

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Boat #	Tensil	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Ct	Bi	Mo	CS
406088068	C20753	4CX 7.25	A36/36X	20' 00"	32	4,540	766799	75000	52000	24	.20	.68	.13	.050	.010	.002	.00	.52	.13	.11	.02	.38
406088073	C20753	4CX 7.25	A36/36X	20' 00"	32	4,540	766799	76000	52000	24	.20	.68	.13	.050	.010	.002	.00	.52	.13	.11	.02	.38
406091263	C20753	3X 2X	3/16 A36/36X	40' 00"	85	10,938	767051	77000	55000	27	.20	.70	.13	.040	.010	.004	.00	.34	.13	.11	.02	.37
406091399	C20561	1X 8	A36	20' 00"	9	4,896	767070	78000	55000	28	.12	.67	.18	.050	.020	.004	.60	.54	.18	.15	.04	.32
406091602	C20661	1X 8	A36	20' 00"	9	4,896	767070	64000	43000	27	.12	.67	.18	.050	.020	.004	.00	.54	.18	.15	.04	.32
406091605	C20661	1X 8	A36	20' 00"	9	4,896	767070	64000	43000	27	.12	.67	.18	.050	.020	.004	.00	.54	.18	.15	.04	.32
406091608	C20661	1X 8	A36	20' 00"	9	4,896	767070	64000	43000	27	.12	.67	.18	.050	.020	.004	.00	.54	.18	.15	.04	.32
406092623	C20661	1/2X 7	A36	20' 00"	20	4,760	767083	64000	43000	27	.12	.67	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092625	C20661	1/2X 7	A36	20' 00"	20	4,760	767083	64000	43000	27	.12	.67	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092827	C20661	1/2X 7	A36	20' 00"	20	4,760	767083	65000	44000	28	.12	.67	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27

NUCOR STEEL SC PAGE 003 of 004

FROM:

16:49 12/27/2006 10:88,2032942993

SIS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29840

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

MADE BY INFRAMETALS (800) 200-4421

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Brew
 Chief Metallurgist

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 Darlington, South Carolina

NUCOR
BAR MILL DARLINGTON
 Darlington Division
 Telephone 843-333-5541

413232
 PAGE 3

BILL OF LADING NO.
 443232

Load # 147
 BOL # 443232

SL Printout: 12/27/06 16:22:22

R J

NUCOR STEEL 57 PAGE 004 OF 004 FROM:

CUSCH 4536 IFFRA-METALS IFFRA-METALS
 8 WEST HIGHWAY, TRUCK #953 WALLINGFORD, CT 06492
 800-243-4410 06492 06492

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	Ni	Mo	Co
406092629	C20661	1/2X	A36	20' 00"	20	4,760	767083	64000	43000	27	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092632	C20661	1/2X	A36	20' 00"	20	4,760	767083	55000	44000	28	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092634	C20661	1/2X	A36	20' 00"	20	4,760	767083	64000	43000	27	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092295	C20661	5/8X	A36	20' 00"	5	5,104	767097	65000	44000	28	.13	.62	.15	.050	.020	.004	.00	.48	.15	.13	.03	.30
406092297	C20661	5/8X	A36	20' 00"	5	5,104	767097	64000	43000	25	.13	.62	.15	.050	.020	.004	.00	.48	.15	.13	.03	.30
406093722	C20661	3/4X	A36/36M	20' 00"	42	4,398	767104	54000	44000	26	.13	.69	.17	.050	.010	.003	.00	.44	.13	.11	.02	.37
406093282	C20250	3/8X	A36/36M	20' 00"	28	4,938	767122	71000	51000	26	.22	.74	.13	.060	.010	.002	.00	.40	.11	.15	.04	.40

Total 735 172,274 Tons 86,137
 Grade A36 meets all requirements for grades A36, A709 G336(250), ASME SA336(250), and A533(250).
 Grade A36/36M meets all requirements for grades A36, A533 G336(250), ASME SA336(250) and A533(250)

MAX WEIGHT ON RAIL MUST NOT EXCEED 263,000#. SCRF-FLORE-CSTL-WSPRI-C50
 RAILCAR MUST BE TARPED!!! CALL DAVE DUDZINSKI FOR RPTI 100-243-4410
 ACRN SHIP 66' GONDOLAS: BROWNEVERI BLK. FRM B/I CARH TO BOB 203-294-2993
 BY 1.99 TARD 9/30/07. (DUEL GRADE DR.CALL) SHIP MATERIAL ASA 90 TONS ROLL
 SHIP ASAP

SLI-FRM-08 REVISION:1 REVISION DATE: 6/10/97

Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

H. H. Blew
 James H. Blew
 Chief Metallurgist

MADE BY **NUCOR** (409) 300-4421

16:49 12/27/2006 TD:08,2032942993

CERTIFIED TEST REPORT

NUCOR

BAR HILL-AUBURN
NUCOR STEEL AUBURN, INC.

CUST. P.O. C19658
PART #: FLO00804
GRADE: ASTM A36-05/CSA-44W
SPEC A709-05A GR36
SUPP. REQ:
SHIP TO: INFRA-METALS CORP-CT

HEAT# B4004
DATE SHIPPED 6/01/2006
SHIPMENT# 0278930
SIZE: FL 4 X 1/2
ORDER ITEM# 175009/ 09
SOLD TO: INFRA-METALS CORP - CT
FAX#/EMAIL: 2032942993

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
170	720	200	0.18	0.41	380	1000	150	0.25	0.22	0.03	0.040	0.020	0.007	XXX	0.01

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	FIN. DIA	% R.A.
K.S.I.	K.S.I.	LENGTH	8	35.0	0	0
46.50	71.90					
MPa	MPa	GAUGE	8	32.5	0	0
		LENGTH				

CHARPY IMPACT TEST

TEMP. E	FT./LB.	SUBSIZE SPECIMEN SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grade Size	Reduction Ratio	As-Rolled Hardness	D.I	C.E.	C.I
XXX	XXX	XXX	XXX	.390	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

James A. Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

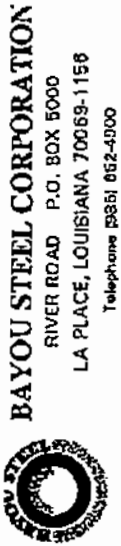
THIS DAY OF

DUAL CERTIFICATION

L.S. THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BC/02850
131200

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36



MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6** INVOICE NO. **DATE 11/28/06** PO: **C19261**
 ACCORDANCE WITH **PRODUCT UNEQUAL ANGLES** CUST I-**3443 -0002**
HEAT NO. 53282 182 Pcs GRAD: **A3652950 -**
Length 40'0" SIZE **U 7 X 4 X 3/8 X 13.6**

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES		TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	53,410 PSI	368 MPa	51,688 PSI	356 MPa				
Mn	73,695 PSI	508 MPa	73,837 PSI	509 MPa				
P	33.0 %	33.0 %	33.0 %	33.0 %				
S	8 in	203 mm	8 in	203 mm				
Si	d	d	d	d				
Sa	eq in	eq mm	eq in	eq mm				
Cu	%	%	%	%				
Ni	ft-lbs	J	ft-lbs	J				
Cr								
Mo								
Mb								
V								
B								
Al								
Sn								
N								
Ti								

Customer Grade & Specs: **A36-04** **A529-04 GRADE 50**
44W, CSA50W, A70936
ASME SA36

INTERNAL CLEANLINESS

GRAIN SIZE	
HARDNESS	
GRAIN PRACTICE	
REDUCTION RATIO	

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN
 PARISH ON THIS _____ DAY OF _____, 20____

SIGNED *Mark Edwards*
 MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING
 THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Soliveau, # 811887, Notary Public

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 1 A PLACE, LOUISIANA 70069-1156
 Telephone (985) 852-4900

MATERIAL CERTIFICATION REPORT

INFR-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFR METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH
ASTM A6

INVOICE NO. DATE 11/14/06
 PRODUCT ANGLES CUST I-3443 -0002
 HEAT NO. 53147 24 Pcs GRADE A3652950 -
 Length 40'0" SIZE L 5 X 5 X 5/16 X 10.3

CHEMICAL ANALYSIS	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	MPa/HR	IMPERIAL	METRIC
C	54,322 PSI	375 MPa	54,200 PSI	374 MPa	PSI	MPa
Mn	70,964 PSI	489 MPa	71,431 PSI	493 MPa	PSI	MPa
P	38.0 %	38.0 %	41.0 %	41.0 %	%	%
S	8 in	203 mm	8 in	203 mm	in	mm
Si	d	d	d	d	d	d
Cu	eq in	eq mm	eq in	eq mm	sq in	sq mm
Ni	%	%	%	%	%	%
Cr	ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo	INTERNAL CLEANLINESS		INTERNAL CLEANLINESS		GRAIN SIZE HARDNESS	
Co	ft-lbs	J	ft-lbs	J	GRAIN PRACTICE REDUCTION RATIO	
V	SEVERITY RATING		SEVERITY RATING			
B	J	C				
Al	F					
Sn						
N						
Ti						

Customer Grade & Specs: A36-04
 44W, CSA50W, A70936
 ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN

PARISH ON THIS _____ DAY OF _____, 20____

SIGNED

Mark Edwards

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Solloau, # 81887, Notary Public

1-800-525-7692 (USA)

CERTIFIED TEST REPORT

NUCOR

BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2006
QUARRY ROAD
AUBURN, NY 13021

45 pcs. = 8458

HEAT# B8833

DATE SHIPPED 1/05/2007

SHIPMENT# 0289294

SIZE: AN 2 X 2 X 3/8 40' 0"

ORDER ITEM# 184843/ 18

SOLD TO: INFRA-METALS CORP - CT

FAX:EMAIL: 2032942993

CUST. P.O. C20810

PART #:

GRADE : ASTM A36-05/A709 GR36

SPEC CSA G40.21-98 GR44W

SUPP. REC: CSA-G40.21-98 GR44W

SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	N	CR	MO	SN	V	CB	TL	B	N2	O2
170	760	160	019	034	320	CR00	170	044	013	003	0030	0000	0000	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	% ELONG	R.A.
K.S.I.	K.S.I.	LENGTH	INCH	PIN DIA	PIN DIA	R.A.
51.70	76.20	B	30.0	.0	.0	.0
51.50	76.10	B	32.5	.0	.0	.0
MPa	MPa	GAUGE	% ELONG	BEND	PIN DIA	R.A.
		LENGTH				

CHARPY IMPACT TEST

TEMP. F.	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

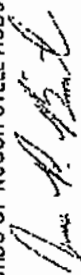
I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC.



(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

CF/02002
131200

Grain Size	Reduction Ratio	As-Rolled Hardness	D	E	F	G
XXX	XXX	XXX	.393			XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

PO# 17543

P.O. #: 17543
01/09/07

Page 6 of 6



WHITBY STEEL MILL
HOPKINS STREET SOUTH
WHITBY ON L1N 5T1 CAN
(805) 668-8811

Chemical and Physical Test Report

MADE IN CANADA

W-059055

PRODUCED IN: WHITBY

SHIP TO MILL METALS CORPORATION 603-626-7351 82 MAPLE ST. MANCHESTER, NH 03103	INVOICE TO MILL METALS MILL STEEL INC 82 MAPLE STREET MANCHESTER, NH 03103	SHIP DATE 01/05/07	CUST. ACCOUNT NO 60076023
--	--	-----------------------	------------------------------

SHAPE * SIZE F3/4 X 5	GRADE A36	SPECIFICATION C.S.A. G40.21-98 44W/50W; ASTM: A36 - 97a ASTM A709- 97b ASME: SA36 (A)	SALES ORDER 7000192-11	CUST.P.O. NUMBER 44212-11
--------------------------	--------------	--	---------------------------	------------------------------

TREAT I.D. B39724	C .18	Mn .80	P .009	S .034	Si .20	Cu .31	Ni .09	Cr .07	Mo .019	V <.008	Nb <.008	B .0000	N .0134	Sh .011	Al .000	Ti .00000	Zr .008	Cb .000000	C.Eqv .355
----------------------	----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	------------	------------	-------------	------------	------------	------------	------------	--------------	------------	---------------	---------------

Mechanical Test Yield 50198 PSI, 346.1 MPA Tensile: 73573 PSI, 507.27 MPA %El: 23.6/8in, 23.8/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST
 Mechanical Test Yield 50294 PSI, 346.76 MPA Tensile: 73151 PSI, 504.36 MPA %El: 23.8/8in, 23.8/200MM
 Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST

HRF345

This material, including the billets, was produced and manufactured in Canada
 Bhaskar Yalamanchili
 Quality Director
 Gerdau Ameristeel

Bhaskar Yalamanchili

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

B.R. Spill

Mgr. Metallurg. Svca.
WHITBY STEEL MILL



WHITBY STEEL MILL
HOPKINS STREET SOUTH
WHITBY ON L1N 5T1 CAN
(905) 668-8811

Chemical and Physical Test Report

MADE IN CANADA

W-059055

PRODUCED IN: WHITBY

SHIP TO MILL METALS CORPORATION 603-828-7351 62 MAPLE ST. MANCHESTER, NH 03103	INVOICE TO MILL METALS MILL STEEL INC 62 MAPLE STREET MANCHESTER, NH 03103	SHIP DATE 01/05/07	CUST. ACCOUNT NO 60076023
--	--	-----------------------	------------------------------

SHAPE * SIZE F34 X 6	GRADE A36	SPECIFICATION C.S.A. G40.21-98 44W/50W; ASTM: A36 - 97a ASTM A709- 97b ASME: SA36 (A)	SALES ORDER 7000192-11	CUST P.O. NUMBER 44212-11															
HEAT I.D. 839724	C .18	Mn .80	P .009	S .034	Si .20	Cu .31	Ni .08	Cr .07	Mo .019	V <.008	Nb <.008	B .0000	N .0134	Sn .011	AJ .000	Ti .00000	Zr .000	Ca .00000	C Eqv .355

Mechanical Test: Yield 50198 PSI, 346.1 MPA Tensile: 73573 PSI, 507.27 MPA %EI: 23.6/8in, 23.8/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST
Mechanical Test: Yield 50284 PSI, 346.78 MPA Tensile: 73151 PSI, 504.36 MPA %EI: 23.8/8in, 23.8/200MM
Customer Requirements SOURCE: WHITBY BILLETS CASTING: STRAND CAST

HRF345

This material, including the billets, was produced and manufactured in Canada
Bhaskar Yalamanchil
Quality Director
Gerdau Ameristeel

Shaskov

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

B.R. Eshel

Mgr. Metallurg. Svca.
WHITBY STEEL MILL

P.O.# 17559

P.O. #17559
01/12/07

CERTIFIED TEST REPORT

NUCOR

BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

50 PCS. = 4898

HEAT# B8161

DATE SHIPPED 12/05/2006

SHIPMENT# 0288243

SIZE: AN 3 X 3 X 1/4 20' 0"

ORDER ITEM# 183940/03

SOLD TO: Mill Metals Corp (dba)

FAX#/EMAIL:

A3314

CUST. P.O. 43897

PART #:

GRADE : ASTM A36-05/A709 GR36

SPEC CSA G40.21-98 GR44W

SUPP. REQ:

SHIP TO: MILL METALS CORP

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
1.70	.690	.180	.019	.040	.390	.1000	.160	.041	.028	.000	.0040	.0000	.0000	.XXX	.XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	R.A.	
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.	
53.30	75.40	8	28.8	.0	.0	
53.70	75.70	8	28.3	.0	.0	
MPa	MPa	GAUGE	%	BEND	R.A.	
LENGTH	LENGTH	ELONG	PIN DIA	PIN DIA	R.A.	

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE	SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size	XXX	Reduction Ratio	XXX	As Rolled Hardness	XXX	D.I.	C.F.	C.I.
					.387			

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN

Jim A. Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

CUSTOMER SPECIAL INSTRUCTIONS:

THIS _____ DAY OF _____




L.S. _____

THIS CERTIFICATE IS NOTARIZED OR WHEN REQUESTED

CF/02500
1122000

P0#17574

P.O.#17574
01/15/07

MITTAL MITTAL CANADA INC. CERTIFICAT D'ESSAIS / TEST CERTIFICATE																	
COMMANDE SALES ORDER			BON DE COMMANDE DU CLIENT CUSTOMER'S ORDER NO.			DATE COMMANDEE DATE ENTERED			No. CERTIFICAT CERTIFICATE NO.			DATE EXPÉDITION DATE SHIPPED					
32023			M 94009596			2006/06/13			152641			2006/08/16					
VENDU À - SOLD TO							EXPÉDIÉ À - SHIPPED TO										
ACIER LEROUX INC. 1331, Graham Bell Boucherville QC CA J4B 6A1 10272501							ACIER LEROUX INC. 1331, Graham Bell Boucherville QC CA J4B 6A1 10272501										
ARTI. ITEM	DESCRIPTION								No CAMPAGNE SCHEDULE NO.		POIDS EXPÉDIÉ WEIGHT SHIPPED		COULÉE HEAT				
000004	PLATE - NOM 6.000 PO X 0.750 PO, 20' 040.21 44W 50W HRF346								L0326		27,440 LB		C62030				
No MATÉRIEL: 10030222 MATERIAL NO No PIÈCE: PART NO																	
ANALYSE CHIMIQUE - CHEMICAL ANALYSIS																	
COULÉE HEAT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Alc	Als	N2			
C62030	.20	1.03	.008	.011	.25	.11	.03	.04	.011	.000	.017	.001	.000	.0092			
COULÉE HEAT	Sn	Ti	B	Ca	Pb	As	Co	Sb	Te	Bi	Se	D.I.	C.E.				
C62030	.009	.002	.0001	.0020	.000	.003	.002	.002	-	-	-	-	-				
ESSAI JOMINY - JOMINY TEST (HRC)																	
COULÉE HEAT	J1	J2	J3	J4	J5	J6	J7	J8	J10	J12	J14	J16	J20	J24	J28	J32	J0
C62030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROPRIÉTÉS MÉCANIQUES - MECHANICAL PROPERTIES																	
COULÉE HEAT	L.E. Yield Strength psi (MPa)		L.U. Ulti. Tens. Strength psi (MPa)		% ALL ELONG.		Striction % Reduction Area		Dureté: Hardness BHN (Mc) (Rb)		Grosneur de Grain Grain size		Ratio Reduction Ratio				
C62030	54173		77931		26-8"		-		-		-		-				
RÉSULTATS D'ESSAIS SPÉCIAUX - SPECIAL TEST RESULTS																	
HEAT	AUTRES ESSAIS - OTHER TEST RÉSULTATS - RESULTS																
  094019663																	
Approuvé par :  Approved by : <u>PIERRE DELMAIRE</u> COORDONNATEUR Métallurgie A/Q COORDINATOR Metallurgy and Q/A																	
1 / 1																	

PO# 17613

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 TELEPHONE 803-243-4410

443292
 PRICE

BILL OF LADING NO.

BOL N. 443292

BL Printed: 12/27/06 16:12:22

Load # 147

Prepaid

NUCOR STEEL SC PAGE 004 OF 004

CUST# 4936
 INFERA-METALS
 8 PENT HIGHWAY, TRACK H953
 WALLINGFORD, CT
 800-243-4410

SHIP TO:
 8 PENT HIGHWAY, TRACK H953
 WALLINGFORD, CT
 800-243-4410

P - 154 C - 90
 TIPX05003
 08492

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Yield	FI	C	Ma	Si	S	P	V	Mn	Cu	Cr	Ni	Mo	CE
406092629	C20661	1/2X	A36	20' 00"	20	4,760	767083	43000	27	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092632	C20661	1/2X	A36	20' 00"	20	4,760	767083	43000	27	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092634	C20661	1/2X	A36	20' 00"	20	4,760	767083	43000	27	.12	.57	.15	.050	.010	.002	.00	.37	.12	.09	.02	.27
406092295	C20661	5/8X	A36	20' 00"	20	5,104	767097	45000	25	.13	.62	.15	.050	.020	.004	.00	.48	.15	.13	.03	.30
406092297	C20661	5/8X	A36	20' 00"	20	5,104	767097	45000	25	.13	.62	.15	.050	.020	.004	.00	.48	.15	.13	.03	.30
406093722	C20661	1/4X	A36/36H	20' 00"	42	4,598	762104	50000	21	.19	.69	.17	.050	.010	.003	.00	.44	.13	.11	.02	.37
406091292	C20258	3/8X	A36/36H	20' 00"	28	4,938	767122	73000	26	.12	.74	.13	.040	.010	.002	.00	.40	.11	.15	.04	.40
Total									735	172,274	Tons 86.137										

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and A533 GR36(250), and A533 GR36(250), ASME SA336(250) and A533 GR36(250).
 Grade A36/36H meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and A533 GR36(250).

MAX WEIGHT ON ROLL MUST NOT EXCEED 263,000#. SCRF-FLORE-CSX-MSPRI-CSO
 RAILCAR MUST BE TAPPED!!! CALL DAVE DUBZINSKI FOR APPT 808-243-4410
 RCM SHIP 65' GOSBOLARS BORELVERT BLK. FRK B/L CARH TO HOB 203-294-2993
 RP 1.29 YARD 9/30/07. (QUEL GRADE DR. CALL) SHIP MATERIAL ASA 90 JOBS ROLL
 SHIP ASAP

SLS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H Be
 James H. Blevins
 Chief Metallurgist

MADE BY **INFERA-METALS** (602) 200-5821

16:49 12/27/2006 10:08:2832942993

MILL TEST REPORT

FROM **NUCOR**
BAR MILL, DARLINGTON
 1644s, South Carolina

DL Printed: 8/15/06 22:21:44

Lead # 87513 BOI # 433003

BILL OF LADING NO.

Prepaid

433003 PAGE 1

Cust# 4936 FCEN96566
 INERA-METALS
 8 PENT HIGHWAY, TRACK #533
 WALLINGFORD, CT
 800-243-4410 06492

INERA-METALS
 SHIP TO: 8 PENT HIGHWAY, TRACK #533
 WALLINGFORD, CT
 800-243-4410

P 154 C - 90
 FCEN96566 111 Reel

Tag No.	P.O.	Size	Spec	Length	Wgt	Heat #	Yield	El	C	Mn	Si	S	P	V	Ni	Cu	Cr	Mo	CF
40802951	C15925	5/8X 6	A36	20' 00"	20	5,134 761612	73000	23	.18	.73	.17	.040	.010	.005	.33	.15	.11	.02	.35
40802953	C15925	5/8X 6	A36	20' 00"	20	5,134 761612	72000	23	.18	.73	.17	.040	.010	.005	.33	.15	.11	.02	.36
40802955	C15925	5/8X 6	A36	20' 00"	20	5,134 761612	73000	23	.18	.73	.17	.040	.010	.005	.33	.15	.11	.02	.36
40803745	C15925	5/8X 6	A36	20' 00"	20	5,104 762866	65000	27	.16	.63	.16	.040	.010	.002	.35	.13	.12	.03	.30
40804080	C15926	1/4 A36/36M 4" 00"	A36	31' 28"	14	9,720 763090	75000	26	.17	.70	.12	.040	.020	.004	.30	.17	.12	.03	.35
408052825	C15915	5/8X 8	A36	20' 00"	14	9,760 764020	57000	28	.14	.56	.18	.040	.010	.004	.30	.12	.12	.03	.29
408052828	C15915	5/8X 8	A36	20' 00"	14	9,760 764020	56000	28	.14	.56	.18	.040	.010	.004	.30	.12	.12	.03	.29
408052830	C15915	5/8X 8	A36	20' 00"	14	9,760 764020	57000	28	.14	.56	.18	.040	.010	.004	.30	.12	.12	.03	.29
408052831	C15915	5/8X 8	A36	20' 00"	14	9,760 764020	56000	28	.14	.56	.18	.040	.010	.004	.30	.12	.12	.03	.29
408052883	C15915	5/8X 8	A529-55	40' 00"	15	11,200 764031	87000	21	.22	1.15	.17	.030	.010	.016	.34	.26	.11	.03	.49

SIS-ERR-06 REVISION:3 REVISION DATE: 8/10/97

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

J H Blaw
 James H. Blaw
 Chief Metallurgist

FORMED BY FAX-570 (800) 200-5521

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 3104s, South Carolina

BL Printed: 8/15/06

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 TELEPHONE 84303561

22:21:44 Load H 87513 801 H 433033

BILL OF LADING NO.

433003 PAGE 2

Escpaid

R J

Cast# 4936 ECEN95566

ISERR-METALS

SOLD TO: 8 PEDI BICWAY, TRUCK #953
 WALLINGFORD, CT 06492

SHP TO: 8 PEDI BICWAY, TRUCK #953
 WALLINGFORD, CT
 800-240-4410

P - 154 C - 90

ECEN95566 311 Roll

Tag No.	P.O.	Size	Spec	Length	Wcs	Weight	Heat #	Tensil	Yield	EL	C	Ms	SI	S	P	V	Nh	Cu	Cr	BI	Mo	CE
406053884	C19415	5/8X 8	A529-50	40' 00"	15	10,200	764031	87000	62300	21	.22	1.15	.17	.090	.010	.016	.00	.34	.26	.11	.03	.49
406054866	C19349	3/8X 6	A36/36X	40' 00"	32	9,792	764149	74000	53000	22	.23	.68	.16	.090	.010	.003	.00	.29	.13	.09	.02	.39
406054867	C19349	3/8X 6	A36/36X	40' 00"	32	9,792	764149	74000	53000	28	.23	.68	.16	.090	.010	.003	.00	.29	.13	.09	.02	.39
406054868	C19349	3/8X 6	A36/36X	40' 00"	38	11,628	764149	74000	53000	25	.23	.68	.16	.090	.010	.003	.00	.29	.13	.09	.02	.39
406054869	C19349	3/8X 6	A36/36X	40' 00"	38	11,628	764149	74000	53000	25	.22	.80	.16	.090	.020	.003	.00	.40	.15	.10	.03	.43
406057281	C19555	4X 1/2	A529-50	40' 00"	20	10,240	764571	80000	51000	24	.22	.88	.16	.090	.023	.003	.00	.40	.15	.10	.03	.43
406057285	C19555	4X 48	A529-50	40' 00"	20	8,240	764571	80000	53000	25	.22	.88	.16	.090	.023	.003	.00	.40	.15	.10	.03	.43
406057286	C19555	4X 48	A529-50	40' 00"	20	8,240	764571	80000	53000	25	.22	.88	.16	.090	.023	.003	.00	.40	.15	.10	.03	.43
406057300	C19555	4X 48	A529-50	40' 00"	13	6,656	764572	78000	51000	24	.22	.89	.13	.090	.010	.003	.00	.37	.14	.10	.03	.43
406061305	C19467	6CX 8-2	A529-50	20' 00"	30	4,920	764713	76000	53000	26	.23	.78	.18	.020	.010	.002	.00	.33	.09	.10	.02	.41

NUCOR STEEL SC PAGE 003 of 004 FROM:

22:32 80/15/2006 10:00, 2032942993

SLS-FRM-08 REVISION 11 REVISOR-DRIE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H
 James H. Blew
 Chief Metallurgist

MADE BY: 433003 (800) 300-4321

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 FIELDS, South Carolina

BE P.L.DATED: 8/15/06

NUCOR

BAR MILL GROUP
 DARLINGTON DIVISION
 TUPPERWARE ROAD 063-641

Lead H 87513 BOI F 433003

433003
 PAGE 3

BILL OF LADING NO.

Prepaid

R 1

CUSCH 4936
 INFRAMETALS

SOLD TO: 9 PENT HIGHWAY, TRUCK #953
 WALLINGFORD, CT
 800-243-4410 06492

SHIP TO: 8 PENT HIGHWAY, TRUCK #953
 WALLINGFORD, CT
 800-243-4410 06492

Leg No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cf	Al	Mo	CE
406061306	C13467	6CX 8.2	A529-50	20' 00"	30	4,920	764713	76000	50000	29	.23	.78	.18	.020	.010	.002	.00	.33	.05	.10	.02	.41
406061307	C13467	6CX 8.2	A529-50	20' 00"	30	4,920	764713	76000	50000	29	.23	.78	.18	.020	.010	.002	.00	.33	.05	.10	.02	.41
406061308	C13467	6CX 8.2	A529-50	20' 00"	30	4,920	764713	76000	50000	29	.23	.78	.18	.020	.010	.002	.00	.33	.05	.10	.02	.41

Total 539 149,672 Tons 84,836
 Grade A36 meets all requirements for grades A36, A709 GR36(250), ASME S636(250), and AASHTO M270 GR36(250).
 Grade A36/A36M meets all requirements for grades A36, A529 GR36(145), A709 GR36(250), ASME S636(250) and AASHTO M270 GR36(250)

RAIL-CAR DE 1.84 18RU 9/30/06 HORIZVERTI BLK-FRK-B01/CARR TO 808 203/298-2993
 RAILCAR MUST BE TARPED!!! CALL DAVE DUDZYSKI FOR APPT: 800-243-4410
 XCFN SHIP 66' CONDUITSI SCRFLORE-CSXI-VPRI LOHD 263 MKR DB CSD
 SB12 PREPFD (GRADE A36/35M DR 4ALL) SHIP MATERIAL ASH 90 IONS ROLLED

SLS-FRY-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, ON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Blev
 Chief Metallurgist

MADE BY **NUCOR** (410) 206-4521

FROM: NUCOR STEEL SC PAGE 004 of 004

22:32 88/15/2006 10:08;2032942993

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70089-1156
 Telephone (805) 852-4000

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH **ASTM A6**

INVOICE NO. **PRODUCT UNEQUAL ANGLES**
 HEAT NO. **53284** 20 Pcs
 Length **40'0"**

DATE **11/28/06**
 Cust I-3443 -0002
 GRADE **A3652950**
 SIZE **U 7 X 4 X 3/8 X 13.6**

PO: **CI9223**

CHEMICAL ANALYSIS	TEST 1	TEST 2	TEST 3
C	.11		
Mn	.90		
P	.018		
S	.032		
Si	.17		
Cu	.29		
Ni	.18		
Cr	.16		
Mo	.058		
Cb	.007		
V	.000		
B			
Al			
Sn			
N			
Ti	.012		

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH	55,009 PSI	379 MPa	55,961 PSI	386 MPa		
TENSILE STRENGTH	73,385 PSI	506 MPa	74,323 PSI	512 MPa		
ELONGATION	35.0 %	35.0 %	34.0 %	34.0 %		
GAUGE LENGTH	8 in	203 mm	8 in	203 mm		
BEND TEST DIAMETER	d	d	d	d		
BEND TEST RESULTS	eq in	eq mm	eq in	eq mm		
SPECIMEN AREA	%	%	%	%		
REDUCTION OF AREA	ft-lbs	J	ft-lbs	J		
IMPACT STRENGTH						

IMPACT STRENGTH	INTERNAL CLEANLINESS		GRAIN SIZE HARDNESS
	IMPERIAL	METRIC	
AVERAGE TEST TEMPERATURE	ft-lbs F	J C	
ORIENTATION			

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN

PARISH ON THIS _____ DAY OF _____, 20____

Mark Edwards

SIGNED

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Salloum, # 81887, Notary Public

1-800-535-7692 (USA)

BAYOU STEEL CORPORATION
RIVER ROAD P.O. BOX 5000
LA PLACE, LOUISIANA 70069-1156
Telephone (989) 652-1900

MATERIAL CERTIFICATION REPORT
INFRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INFRA METALS CO.
#8 PENT HIGHWAY
WALLINGFORD, CT 06492

TESTED IN **ASTM A6**
ACCORDANCE WITH

INVOICE NO.
DATE 11/20/06
PO: C19462
PRODUCT ANGLES
Cust I-3443 -0002
HEAT NO. 53146 24 Pcb
GRADT A3652950
Length 40'0"
SIZE L 5 X 5 X 5/16 X 10.3

CHEMICAL ANALYSIS	TEST 1 IMPERIAL	TEST 1 METRIC	TEST 2 IMPERIAL	TEST 2 METRIC	TEST 3 IMPERIAL	TEST 3 METRIC
C						
Mn						
P						
S						
Si						
Cu						
Ni						
Cr						
Mo						
Cb						
V						
B						
Al						
Sn						
N						
Ti						

MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
YIELD STRENGTH						
TENSILE STRENGTH						
ELONGATION						
GAUGE LENGTH						
BEND TEST DIAMETER						
BEND TEST RESULTS						
SPECIMEN AREA						
REDUCTION OF AREA						
IMPACT STRENGTH						

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

IMPACT STRENGTH	INTERNAL CLEANLINESS		GRAIN SIZE	
	IMPERIAL	METRIC	HARDNESS	HAIN PRACTICE
AVERAGE TEST TEMP	ft-lbs	J		
ORIENTATION	F	C		
				REDUCTION RATIO

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

Mark Edwards
SIGNATURE

SIGNED _____
MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN PARISH ON THIS _____ DAY OF _____, 20____

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Solleau, # 81887, Notary Public

CERTIFIED TEST REPORT

CUST. P.O. C20779
 PART #: FL000804
 GRADE: ASTM A36-05/CSA-44W
 SPEC A709-05A GR36
 SUPP. REC:
 SHIP TO: INFRA-METALS CORP-CT

NUCOR
 BAR MILL-AUBURN
 NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

72 pcs. = 9792
 HEAT# B8334
 DATE SHIPPED 12/19/2006
 SHIPMENT# 0288786
 SIZE: FL 4 X 1/2 20' 0"
 ORDER ITEM# 183610/06
 SOLD TO: INFRA-METALS CORP - CT
 FAX#EMAIL: 2032942903

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
180	850	190	0.19	0.32	300	1000	150	0.35	0.23	0.04	0.030	0.020	0.007	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
50.80	76.90	8	31.3	.0	.0
51.00	76.50	8	30.0	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
LENGTH	ELONG	PIN DIA	R.A.		

CHARPY IMPACT TEST

TEMP. F	FT. L.B.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

19-Dec-06 09:22 Ref: 0456463

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BC/02850
 131200

Grain Size: XXX Reduction Ratio: XXX As-Rolled Hardness: XXX C.F. XXX C.I. XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

CERTIFIED TEST REPORT



BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

150 pcs. = 49200

HEAT# B8080
DATE SHIPPED 11/20/2006
SHIPMENT# 028764
SIZE: AN 4 X 4 X 5/16 40' 0"
ORDER ITEM# 180053/ 24
SOLD TO: INFRA-METALS CORP - CT
FAX#EMAIL: 2032942993

CUST. P.O. C20217
PART #: L4405
GRADE : A529-04 GR50/55
SPEC CSA G40.21-98 GR55W
SUPP. REQ:
SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	MO	SN	V	CB	TI	B	N2	O2
200	1.110	1.70	0.19	0.49	370	0.900	1.10	0.39	0.14	0.060	0.010	0.011	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	% R.A.
K.S.J.	K.S.J.	LENGTH	ELONG	PIN DIA	R.A.
61.10	84.90	8	23.8	.0	.0
59.10	84.70	8	25.0	.0	.0
MPa	MPa	GAUGE	% ELONG	PIN DIA	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

20-Nov-06 17:32 Ref: 0419277 1/1

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC.

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____
THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BG/052:0
131200

Grain Size: Reduction Ratio: As-Rolled Hardness: D-I: C-F: C-I:

XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

PO#17319-1

Mitsui
5539359

鋼材検査証明書
INSPECTION CERTIFICATE

住友工業株式会社

品名: C19359
 納入先: MIRA-METALS, INC.
 納入先住所: R226913
 納入先住所: R226913
 納入先住所: MITSUI & CO., LTD.
 納入先住所: CHANNEI
 規格: ASTM A709-50-2/ASTH A572-50-2
 検査項目: 鋼材検査

品名: TOPY INDUSTRIES, LIMITED
 納入先住所: R226913
 納入先住所: R226913
 納入先住所: MITSUI & CO., LTD.
 納入先住所: CHANNEI
 規格: ASTM A709-50-2/ASTH A572-50-2
 検査項目: 鋼材検査

品名	規格	数量	単位	重量	検査項目	機械的検査結果										試験方法	試験場所					
						引張強さ	降伏点	伸び	断面収縮	ねじり強さ	ねじり角	衝撃強さ	衝撃吸収	引張強さ	降伏点			伸び	断面収縮			
CPX13-AX60*00"	44	10.00	kg	10.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CPX15-0X40*00"	46	10.00	kg	10.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CPX15-0X40*00"	48	13.00	kg	13.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CPX15-0X40*00"	2	5.00	kg	5.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CPX20-0X60*00"	4	15.00	kg	15.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
CPX20-0X60*00"	4	15.00	kg	15.00	引張強さ	480	380	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
合計		26	kg	26.00																		

住友工業株式会社

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE CONTRACT.

DATE 12/27/06
INVOICE NO. 104215
BILL OF LADING 823031
CUSTOMER NO. 7717
CUSTOMER P O C20360

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO
INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD, CT 06492

SPECIFICATION
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

SOLD TO
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES																			
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI	TENSILE STRENGTH PSI	ELONG %	TEMP °F	CHARPY TEMP °C	IMPACT ENERGY FT-LBS	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE							
																							MPa	MPa	%	J	Sn	Pcm	Cl
1	W27 - 84.0	8	287097	.80	65000	81000	24																						
	40'			.80	64000	80000	25																						
	W690 x125.0 12.192 M				448	558	24																						
2	W27 - 84.0	1	287131	.78	61000	78000	25																						
	40'			.78	61000	78000	25																						
	W690 x125.0 12.192 M				421	538	25																						
3	W27 - 94.0	3	287214	.74	58000	78000	26																						
	35'			.76	60000	79000	24																						
	W690 x140.0 10.668 M				400	538	26																						
4	W27 - 94.0	2	287220	.76	58000	76000	26																						
	35'			.79	61000	77000	26																						
	W690 x140.0 10.668 M				400	524	26																						
5	W27 - 94.0	1	287222	.75	58000	77000	25																						
	35'			.75	59000	79000	25																						
	W690 x140.0 10.668 M				400	531	25																						

BASE METAL: Q235 (A36) 1.0050-1.0150 C, 0.0350-0.0550 Mn, 0.0150-0.0300 P, 0.0050-0.0150 S, 0.0010-0.0025 N, 0.0010-0.0025 Cu, 0.0010-0.0025 Ni, 0.0010-0.0025 Cr, 0.0010-0.0025 Mo, 0.0010-0.0025 V, 0.0010-0.0025 Nb, 0.0010-0.0025 Ti, 0.0010-0.0025 Al, 0.0010-0.0025 Si, 0.0010-0.0025 Ca, 0.0010-0.0025 Mg, 0.0010-0.0025 Zn, 0.0010-0.0025 Pb, 0.0010-0.0025 Bi, 0.0010-0.0025 Sn, 0.0010-0.0025 Fe

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell
QUALITY ASSURANCE

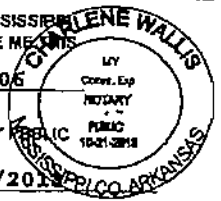
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

27 _____ Day of _____ 12/06

Charlene Wallis

NOTARY PUBLIC



MY COMMISSION EXPIRES 10/21/2011

DATE 12/27/06
 INVOICE NO. 104215
 BILL OF LADING 823031
 CUSTOMER NO. 7717
 CUSTOMER P.O. C20360

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

SHIP TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD, CT 06492

SPECIFICATIONS:
 ASTM A992/A992M-06a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

SOLD TO: INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES										
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	PSI	%	TEMP	IMPACT ENERGY												
					MPa	MPa	%	°F	FT-LBS												
					MPa	MPa	%	°C	JOULES												
1	W27 - 84.0 40' W690 x125.0 12.192 M	8	287097	.80	65000	81000	24			.07	1.31	.019	.017	.21	.30	.09	.11	.02	.00	.017	.35
				.80	64000	80000	25											.01	.18		
					448	558	24														
					441	552	25														
2	W27 - 84.0 40' W690 x125.0 12.192 M	1	287131	.78	61000	78000	25			.07	1.34	.022	.024	.19	.34	.10	.13	.03	.00	.019	.35
				.78	61000	78000	25											.01	.18		
					421	538	25														
					421	538	25														
3	W27 - 94.0 35' W690 x140.0 10.668 M	3	287214	.74	58000	78000	26			.08	1.32	.021	.021	.23	.30	.11	.14	.03	.00	.019	.36
				.76	60000	79000	24											.01	.19		
					400	538	26														
					414	545	24														
4	W27 - 94.0 35' W690 x140.0 10.668 M	2	287220	.76	58000	76000	26			.08	1.31	.012	.016	.25	.28	.10	.08	.03	.00	.019	.35
				.79	61000	77000	26											.01	.17		
					400	524	26														
					421	531	26														
5	W27 - 94.0 35' W690 x140.0 10.668 M	1	287222	.75	58000	77000	25			.08	1.30	.019	.017	.24	.28	.09	.12	.03	.00	.018	.35
				.75	59000	79000	25											.01	.18		
					400	531	25														
					407	545	25														

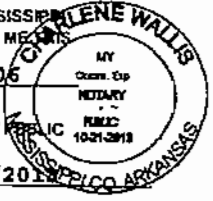
FORM 10-01-01-02-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100
 CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr + Ni + V) / 5 + (Cu + Nb) / 10
 Conversion factors: (lb/in²) x 0.0001 = (MPa); (ft-lb) x 1.3558 = (J); (°F) - 32 = (°C)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 27 Day of 12/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2016



DATE 9/11/06
 INVOICE NO. 74028
 BILL OF LADING 804151
 CUSTOMER NO. 9310
 CUSTOMER P.O. # C18841 FF

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

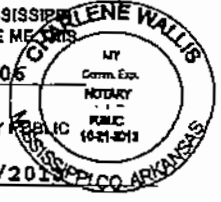
ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
					MPa	MPa		%	TEMP °F													IMPACT ENERGY FT-LBS	
1	W24 - 68.0 35' W610 x101.0 10.668 M	3	281125	.78	56000	72000	24					.08	1.21	.012	.022	.23	.30	.12	.09	.03	.00	.014	.33
2	W24 - 68.0 35' W610 x101.0 10.668 M	9	281140	.76	55000	72000	23					.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33
3	W24 - 68.0 35' W610 x101.0 10.668 M	3	281179	.79	60000	76000	25					.08	1.22	.011	.019	.26	.33	.12	.09	.04	.00	.016	.34
4	W24 - 68.0 40' W610 x101.0 12.192 M	9	281044	.83	62000	75000	25					.08	1.20	.014	.023	.20	.34	.10	.08	.03	.00	.018	.33
5	W24 - 68.0 40' W610 x101.0 12.192 M	12	281045	.78	58000	74000	24					.08	1.22	.013	.018	.21	.31	.10	.09	.03	.00	.014	.33
6	W24 - 76.0 35' W610 x113.0 10.668 M	3	280777	.76	54000	71000	25					.06	1.24	.018	.019	.17	.35	.11	.09	.03	.00	.016	.32
7	W24 - 76.0 35' W610 x113.0 10.668 M	9	280827	.76	55000	72000	26					.08	1.22	.017	.023	.18	.31	.10	.09	.03	.00	.014	.33
8	W24 - 76.0 40' W610 x113.0 12.192 M	6	280840	.74	55000	74000	25					.08	1.22	.020	.021	.21	.32	.11	.11	.03	.00	.014	.34
9	W24 - 76.0 40' W610 x113.0 12.192 M	1	280843	.75	56000	75000	25					.08	1.21	.020	.020	.20	.33	.13	.10	.04	.00	.017	.34

FORM 11-01-03-04-05-06-07-08-09-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-00
 CARBON EQUIVALENT: C_E = C + CR(IW) + C + Mn + (C + Mn) * 1.5 + (Ni + Cu) * 0.15
 Conversion table: CHINA (GB) / JAPAN (JIS) / EUROPE (EN) / USA (ASTM) / UK (BS) / AUSTRALIA (AS/NZS) / SOUTH AFRICA (SANS) / INDIA (IS) / KOREA (KS) / BRAZIL (ABNT) / CANADA (CSA) / MEXICO (NOM) / ARGENTINA (IRAM) / CHILE (NCh) / COLOMBIA (CNC) / PERU (NTP) / VENEZUELA (DIS) / ECUADOR (CEN) / GUATEMALA (CEN) / HONDURAS (CEN) / NICARAGUA (CEN) / COSTA RICA (CEN) / PANAMA (CEN) / CUBA (CEN) / DOMINICAN REPUBLIC (CEN) / PUERTO RICO (CEN) / VENEZUELA (DIS) / ECUADOR (CEN) / GUATEMALA (CEN) / HONDURAS (CEN) / NICARAGUA (CEN) / COSTA RICA (CEN) / PANAMA (CEN) / CUBA (CEN) / DOMINICAN REPUBLIC (CEN) / PUERTO RICO (CEN)

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
 I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS
 11 Day of 09/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2010



DATE 9/11/06
 INVOICE NO. 74028
 BILL OF LADING 804151
 CUSTOMER NO. 9310
 CUSTOMER P.O. P C18841 FF

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
 ASTM A992/A992M-04a A572/A572M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH MPa	TENSILE STRENGTH MPa	ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE		
								TEMP °F	IMPACT ENERGY FT-LBS														
								TEMP °C	IMPACT ENERGY JOULES														
Sn	Pcm	Cl																					
1	W24 - 68.0	3	281125	.78	56000	72000	24				.08	1.21	.012	.022	.23	.30	.12	.09	.03	.00	.014	.33	
	35'			.78	56000	72000	25											.01	.17				
	W610 x101.0 10.668 M																						
2	W24 - 68.0	9	281140	.76	55000	72000	23				.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33	
	35'			.77	56000	73000	24													.01	.17		
	W610 x101.0 10.668 M																						
3	W24 - 68.0	3	281179	.79	60000	76000	25				.08	1.22	.011	.019	.26	.33	.12	.09	.04	.00	.016	.34	
	35'			.79	60000	76000	25													.01	.17		
	W610 x101.0 10.668 M																						
4	W24 - 68.0	9	281044	.83	62000	75000	25				.08	1.20	.014	.023	.20	.34	.10	.08	.03	.00	.018	.33	
	40'			.79	59000	75000	27													.01	.17		
	W610 x101.0 12.192 M																						
5	W24 - 68.0	12	281045	.78	58000	74000	24				.08	1.22	.013	.018	.21	.31	.10	.09	.03	.00	.014	.33	
	40'			.77	57000	74000	24													.01	.17		
	W610 x101.0 12.192 M																						
6	W24 - 76.0	3	280777	.76	54000	71000	25				.06	1.24	.018	.019	.17	.35	.11	.09	.03	.00	.016	.32	
	35'			.77	55000	71000	25													.01	.15		
	W610 x113.0 10.668 M																						
7	W24 - 76.0	9	280827	.76	55000	72000	26				.08	1.22	.017	.023	.18	.31	.10	.09	.03	.00	.014	.33	
	35'			.81	59000	73000	26													.01	.17		
	W610 x113.0 10.668 M																						
8	W24 - 76.0	6	280840	.74	55000	74000	25				.08	1.22	.020	.021	.21	.32	.11	.11	.03	.00	.014	.34	
	40'			.75	56000	75000	25													.01	.18		
	W610 x113.0 12.192 M																						
9	W24 - 76.0	1	280843	.75	56000	75000	25				.08	1.21	.020	.020	.20	.33	.13	.10	.04	.00	.017	.34	
	40'			.76	57000	75000	25													.01	.18		
	W610 x113.0 12.192 M																						

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

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Doug Linnell
 QUALITY ASSURANCE
 CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME
 11 Day of 09/06
Charlene Wallis NOTARY PUBLIC
 MY COMMISSION EXPIRES 10/21/2013



DATE: 9/11/06
 INVOICE NO.: 74028
 BILL OF LADING: 804151
 CUSTOMER NO.: 9310
 CUSTOMER P.O.: P C18841 FT

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S H I P T O:
 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

S P E C I F I C A T I O N S:
 ASTM A992/A992M-04a AS772/AS772M GR50-04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

S O L D T O:
 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		° F	FT-LBS												
1	W24 - 68.0 35' W610 x101.0 10.668 M	3	281125	.78	56000	72000	24			.08	1.21	.012	.022	.23	.30	.12	.09	.03	.00	.014	.33		
2	W24 - 68.0 35' W610 x101.0 10.668 M	9	281140	.76	55000	72000	23			.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33		
3	W24 - 68.0 35' W610 x101.0 10.668 M	3	281179	.79	60000	76000	25			.08	1.22	.011	.019	.26	.33	.12	.09	.04	.00	.016	.34		
4	W24 - 68.0 40' W610 x101.0 12.192 M	9	281046	.83	62000	75000	25			.08	1.20	.014	.023	.20	.34	.10	.08	.03	.00	.018	.33		
5	W24 - 68.0 40' W610 x101.0 12.192 M	12	281045	.78	58000	74000	24			.08	1.22	.013	.018	.21	.31	.10	.09	.03	.00	.014	.33		
6	W24 - 76.0 35' W610 x113.0 10.668 M	3	280777	.76	54000	71000	25			.06	1.24	.018	.019	.17	.35	.11	.09	.03	.00	.016	.32		
7	W24 - 76.0 35' W610 x113.0 10.668 M	9	280827	.76	55000	72000	26			.08	1.22	.017	.023	.18	.31	.10	.09	.03	.00	.014	.33		
8	W24 - 76.0 40' W610 x113.0 12.192 M	6	280840	.74	55000	74000	25			.08	1.22	.020	.021	.21	.32	.11	.11	.03	.00	.014	.34		
9	W24 - 76.0 40' W610 x113.0 12.192 M	1	280843	.75	56000	75000	25			.08	1.21	.020	.020	.20	.33	.13	.10	.04	.00	.017	.34		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

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Ray Lennell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

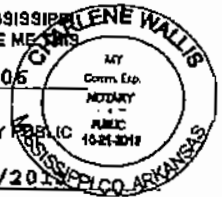
11 Day of 09/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES

10/21/2011



DATE	9/11/06
INVOICE NO	74028
BILL OF LADING	804151
CUSTOMER NO.	9310
CUSTOMER P.O.	P C18841 FF

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT
100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
H I P T O
INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S
P E C I F I C A T I O N S
ASTM A992/A992M-04a A572/A572M GR50-04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

S
O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

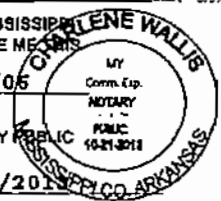
ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE	
					PSI	MPa			PSI	MPa													%
1	W24 - 68.0 35' W610 x101.0 10.668 M	3	281125	.78	56000	72000	24					.08	1.21	.012	.022	.23	.30	.12	.09	.03	.00	.014	.33
2	W24 - 68.0 35' W610 x101.0 10.668 M	9	281140	.76	55000	72000	23					.08	1.21	.017	.021	.22	.23	.09	.10	.03	.00	.016	.33
3	W24 - 68.0 35' W610 x101.0 10.668 M	3	281179	.79	60000	76000	25					.08	1.22	.011	.019	.26	.33	.12	.09	.04	.00	.016	.34
4	W24 - 68.0 40' W610 x101.0 12.192 M	9	281044	.83	62000	75000	25					.08	1.20	.014	.023	.20	.34	.10	.08	.03	.00	.018	.33
5	W24 - 68.0 40' W610 x101.0 12.192 M	12	281045	.78	58000	74000	24					.08	1.22	.013	.018	.21	.31	.10	.09	.03	.00	.014	.33
6	W24 - 76.0 35' W610 x113.0 10.668 M	3	280777	.76	54000	71000	25					.06	1.24	.018	.019	.17	.35	.11	.09	.03	.00	.016	.32
7	W24 - 76.0 35' W610 x113.0 10.668 M	9	280827	.76	55000	72000	26					.08	1.22	.017	.023	.18	.31	.10	.09	.03	.00	.014	.33
8	W24 - 76.0 40' W610 x113.0 12.192 M	6	280840	.74	55000	74000	25					.08	1.22	.020	.021	.21	.32	.11	.11	.03	.00	.014	.34
9	W24 - 76.0 40' W610 x113.0 12.192 M	1	280843	.75	56000	75000	25					.08	1.21	.020	.020	.20	.33	.13	.10	.04	.00	.017	.34

FORM 11-03-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100
CARBON EQUIVALENT: CE = C + Mn/6 + (Cr + Ni + Nb) / 5

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME
11 Day of 09/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2012



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164481
Load No: 1068599
Manifest No: 1784393

SHIP TO: 1
INFERA-METALS CORPORATION-CT, R INFERA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/S72-50

SIZE
N 24 X 55# / W610 X 82

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30325640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	NI	Cr	Mo	Sn	V	Al	Nb	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.0	70.9	0.814	23.1	8In	200 mm
56.5	72.1	0.822	24.1	8In	200 mm
		5.25			
		5.30			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 01, 2006 Signed: Tom L. Harrington Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 34 of 35

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
 PO No: C19824
 Mill Order No: 3164481
 Lead No: 1068599
 Manifest No: 1784393

Ship To: 1
 INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
 DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
 8 PENT HWY TRACK# 953
 WALLINGFORD CT WALLINGFORD
 06492 US 06492

PRODUCT
 WF BEAMS

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 M 24 X 55# / W610 X 82

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30325640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	8In	%
55.0	70.9	0.814	23.1	8In	200 mm
56.5	72.1	0.822	24.1	8In	200 mm
				5.25	
				5.30	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

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 Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 34 of 35

CHAPAREAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164481
Load No: 1068599
Manifest No: 1784393

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
8 PENT HWY
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 24 X 55# / W610 X 82

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30325640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.0	70.9	0.814	23.1	8In	200 mm
56.5	72.1	0.822	24.1	8In	200 mm
		5.25			
		5.30			

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

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Signed: Tom L. Harrington Date: Nov. 01, 2006 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 34 of 35

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
100 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164481
Load No: 1068599
Manifest No: 1784393

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT 06492
US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 24 X 55# / W610 X 82

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30325640

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	ND	CE
.09	.98	.011	.033	.22	.39	.11	.07	.020	.015	.003	.003	.018	.31

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
55.0	70.9	0.814	23.1	8In	200 mm
55.5	72.1	0.822	24.1	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

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Signed: Tom L. Harrington Date: Nov. 01, 2006 Signed: _____ Date: _____
Tom L. Harrington: Quality Assurance Manager Notary Public (if applicable) Page: 34 of 35

DATE	12/19/06
INVOICE NO.	102403
BILL OF LADING	821953
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-05a A572/A572M GR50-04
ASTM A709/A709M 03a GR50 (345)
ASTM A709/A709M-03a GR50B (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES															
				YIELD TO TENSILE RATIO	YIELD STRENGTH	TENSILE STRENGTH	ELONG	CHARPY IMPACT TEMP	IMPACT ENERGY	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE			
					PSI	PSI																%	° F	FT-LBS
					MPa	MPa																%	° C	JOULES
1	W21 - 44.0 35'	1	287709	.76	57000	75000	24																	
	W530 x 66.0 10.668 M			.74	55000	74000	24																	
					393	517	24																	
					379	510	24																	
2	W21 - 44.0 35'	2	287713	.76	54000	71000	25																	
	W530 x 66.0 10.668 M			.74	52000	70000	27																	
					372	490	25																	
					359	483	27																	
3	W21 - 44.0 35'	1	287717	.76	55000	72000	24																	
	W530 x 66.0 10.668 M			.76	55000	72000	24																	
					379	496	24																	
					379	496	24																	
4	W21 - 44.0 35'	6	287722	.75	54000	72000	25																	
	W530 x 66.0 10.668 M			.75	53000	71000	26																	
					372	496	25																	
					365	490	26																	
5	W21 - 44.0 35'	20	287724	.74	55000	74000	26																	
	W530 x 66.0 10.668 M			.76	56000	74000	26																	
					379	510	26																	
					386	510	26																	
6	W21 - 44.0 40'	2	287690	.77	56000	73000	25																	
	W530 x 66.0 12.192 M			.77	57000	74000	26																	
					386	503	25																	
					393	510	26																	
7	W21 - 44.0 40'	1	287692	.78	58000	74000	24																	
	W530 x 66.0 12.192 M			.75	55000	73000	24																	
					400	510	24																	
					379	503	24																	
8	W21 - 44.0 40'	4	287816	.74	52000	70000	24																	
	W530 x 66.0 12.192 M			.77	53000	69000	25																	
					359	483	24																	
					365	476	25																	
9	W21 - 44.0 40'	33	287831	.74	52000	70000	23																	
	W530 x 66.0 12.192 M			.75	55000	73000	22																	
					359	483	23																	
					379	503	22																	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

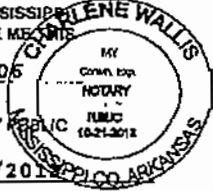
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

19 _____ Day of _____ 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



CERTIFIED MILL TEST REPORT

DATE	12/19/06
INVOICE NO.	102403
BILL OF LADING	821953
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE AR 72316

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M 03a GR50 (345)
ASTM A709/A709M-03a GR50S (345B)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH (MPa)	TENSILE STRENGTH (MPa)	ELONG (%)	CHARPY IMPACT TEMP (°F)	IMPACT ENERGY (FT-LBS)	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
				MPa	MPa	%	°C	Joules													
				MPa	MPa	%	°C	Joules													
1	W21 - 44.0 35'	1	287709	.76	57000	75000	24			.09	1.11	.020	.034	.34	.25	.05	.14	.02	.00	.017	.33
	W530 x 66.0 10.668 M			.74	55000	74000	24											.01	.18		
2	W21 - 44.0 35'	2	287713	.76	54000	71000	25			.07	1.10	.023	.039	.27	.30	.11	.14	.02	.00	.015	.31
	W530 x 66.0 10.668 M			.74	52000	70000	27											.01	.17		
3	W21 - 44.0 35'	1	287717	.76	55000	72000	24			.07	1.10	.022	.039	.30	.32	.10	.14	.02	.00	.018	.31
	W530 x 66.0 10.668 M			.76	55000	72000	24											.01	.17		
4	W21 - 44.0 35'	6	287722	.75	54000	72000	25			.08	1.10	.016	.031	.30	.32	.12	.15	.03	.00	.015	.33
	W530 x 66.0 10.668 M			.75	53000	71000	26											.01	.18		
5	W21 - 44.0 35'	20	287724	.74	55000	74000	26			.08	1.11	.016	.035	.30	.30	.13	.11	.03	.00	.018	.33
	W530 x 66.0 10.668 M			.76	56000	74000	26											.01	.18		
6	W21 - 44.0 40'	2	287690	.77	56000	73000	25			.08	1.14	.014	.033	.34	.29	.10	.11	.03	.00	.016	.33
	W530 x 66.0 12.192 M			.77	57000	74000	26											.01	.17		
7	W21 - 44.0 40'	1	287692	.78	58000	74000	24			.08	1.10	.015	.038	.33	.32	.13	.13	.03	.00	.015	.32
	W530 x 66.0 12.192 M			.75	55000	73000	24											.01	.18		
8	W21 - 44.0 40'	4	287816	.74	52000	70000	24			.07	1.10	.015	.031	.25	.28	.13	.12	.03	.00	.016	.31
	W530 x 66.0 12.192 M			.77	53000	69000	25											.01	.16		
9	W21 - 44.0 40'	33	287831	.74	52000	70000	23			.08	1.14	.016	.026	.30	.30	.11	.13	.03	.01	.022	.33
	W530 x 66.0 12.192 M			.75	55000	73000	22											.01	.18		

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Linnell

QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME THIS

19 Day of 12/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2013



DATE	12/19/06
INVOICE NO.	102403
BILL OF LADING	821953
CUSTOMER NO.	9310
CUSTOMER P.O.	C19904

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 ■ BLYTHEVILLE, AR 72316

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S I P T O
INFRA-METALS CORP.
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

S P E C I F I C A T I O N S
ASTM A992/A992M-06a A572/A572M GR50-04
ASTM A709/A709M 03a GR50 (345)
ASTM A709/A709M-03a GR50B (345S)
ASTM A6/A6M-05a

S O L D T O
INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES					CHEMICAL PROPERTIES														
				YIELD TO TENSILE RATIO	YIELD STRENGTH PSI MPa	TENSILE STRENGTH PSI MPa	ELONG %	CHARPY IMPACT TEMP °F °C	IMPACT ENERGY FT-LBS Joules	C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE		
1	W21 - 44.0	1	287709	.76	57000	75000	24																
	35'			.74	55000	74000	24																
	W530 x 66.0 10.668 M					393	517	24															
2	W21 - 44.0	2	287713	.76	54000	71000	25																
	35'			.74	52000	70000	27																
	W530 x 66.0 10.668 M					372	490	25															
3	W21 - 44.0	1	287717	.76	55000	72000	24																
	35'			.76	55000	72000	24																
	W530 x 66.0 10.668 M					379	496	24															
4	W21 - 44.0	6	287722	.75	54000	72000	25																
	35'			.75	53000	71000	26																
	W530 x 66.0 10.668 M					372	496	25															
5	W21 - 44.0	20	287724	.74	55000	74000	26																
	35'			.76	56000	74000	26																
	W530 x 66.0 10.668 M					379	510	26															
6	W21 - 44.0	2	287690	.77	56000	73000	25																
	40'			.77	57000	74000	26																
	W530 x 66.0 12.192 M					386	503	25															
7	W21 - 44.0	1	287692	.78	58000	74000	24																
	40'			.75	55000	73000	24																
	W530 x 66.0 12.192 M					400	510	24															
8	W21 - 44.0	4	287816	.74	52000	70000	24																
	40'			.77	53000	69000	25																
	W530 x 66.0 12.192 M					359	483	24															
9	W21 - 44.0	33	287831	.74	52000	70000	23																
	40'			.75	55000	73000	22																
	W530 x 66.0 12.192 M					359	483	23															

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Linnell
QUALITY ASSURANCE

CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

19 _____ Day of 12/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2012



CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164405
Load No: 1074520
Manifest No: 1789774

Skip To: 1
INFRAMETALS CORPORATION-CT, R INFRAMETALS CORPORATION-CT
DIV PREUSSAC INTERNATIONAL CO 8 FENT HIGHWAY
8 FENT HWY
MALLINGCFORD CT 06492
CT US

CT US
MALLINGCFORD CT 06492
M 18 X 60# / M460 X 89
SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

PRODUCT
WF BEAMS

LENGTH
30 FT / 9.144 M

GRADE
992/572-50

SIZE
M 18 X 60# / M460 X 89

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.97	.015	.031	.22	.36	.11	.07	.019	.015	.001	.000	.018	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Elongation %	Gage Length	Bend Test Dia. Result	ROA %
53.0	69.6	365.4	0.932	23.8	8In	200 mm	
53.1	69.0	366.1	0.936	25.3	8In	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: *Tom C. Harrington* Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom C. Harrington: Quality Assurance Manager Page: 31 of 51

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164405
Load No: 1074520
Manifest No: 1789774

CT CT
US US

Ship To: 1
INFRAMETALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

SIZE W 18 X 60# / W460 X 89
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30330800

PRODUCT
WF BEAMS

LENGTH
30 FT / 9.144 M

GRADE
992/572-50

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.97	.015	.031	.22	.36	.11	.07	.019	.015	.001	.000	.018	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
53.0	69.6	0.932	23.8	8In	
53.1	69.0	0.936	25.3	8In	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 31 of 51

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164405
Load No: 1074520
Manifest No: 1789774

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV. PREUSSAG INTERNATIONAL CO 8 RENT HIGHWAY
8 RENT HWY
WALLINGFORD CT 06492
US

INFRA-METALS CORPORATION-CT, R
DIV. PREUSSAG INTERNATIONAL CO 8 RENT HIGHWAY
8 RENT HWY
WALLINGFORD CT 06492
US

PRODUCT
WF BEAMS

LENGTH
30 FT / 9.144 M

GRADE
992/572-50

SIZE
W 18 X 60# / W460 X 89

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30330800

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.97	.015	.031	.22	.36	.11	.07	.019	.015	.001	.080	.018	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia. Result	%
53.0	365.4	0.932	23.8	8In	200 mm
53.1	366.1	0.936	25.3	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Nov. 28, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Load No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT
8 PENT HIGHWAY
TRACK# 953
WALLINGFORD
CT 06492
US

INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO
8 PENT HWY
WALLINGFORD
CT 06492
US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331830

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	No	Sn	V	Al	Nb	CE
.08	.93	.015	.033	.25	.40	.10	.10	.015	.012	.003	.003	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	KSI	Sq In	%	Dia. Result	%
57.8	73.7	0.708	23.3	81A	
53.6	68.0	0.762	23.6	81B	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CNTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 14 of 19

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Load No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT & INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO B PENT HIGHWAY
8 PENT HMY TRACK# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
H 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331830

CHEMICAL ANALYSIS

C	Mn	F	S	SI	Cu	NI	Cr	Mo	Sa	V	Al	Mb	CE
.08	.93	.015	.033	.25	.40	.10	.10	.015	.012	.003	.003	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia. Result	%
57.8	398.5	0.708	23.3	8In	200 mm
53.6	369.6	0.761	23.6	8In	200 mm
				4.57	200 mm
				4.91	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 14 of 19

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/19/2006
PC No: C19824
Mill Order No: 3164373
Load No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331830

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.93	.015	.033	.25	.40	.10	.10	.015	.012	.003	.003	.019	.29

PHYSICAL PROPERTIES

Yield Strength		Tensile Strength		Elongation		Bend Test		ROA
KSI	MPa	KSI	MPa	%	Gage Length	Di.	Result	%
57.8	398.5	73.7	508.1	23.3	8In	200 mm		
53.6	369.6	68.0	468.8	23.6	8In	200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: _____ Date: _____
Tom L. Harrington, Quality Assurance Manager Notary Public (if applicable) Page: 14 of 19

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 06/19/2006
PO No: C19824
Mill Order No: 3164373
Lead No: 1075646
Manifest No: 1791534

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD CT US 06492

CT US 06492
WALLINGFORD CT US 06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
H 18 X 35# / W460 X 52

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30331830

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sa	V	Al	Nb	CE
.08	.93	.015	.033	.25	.40	.10	.10	.015	.012	.003	.003	.019	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	Dia. Result	%
57.8	398.5	0.708	23.3	8In	
53.6	369.6	0.761	23.6	8In	
		4.57	23.3	200 mm	
		4.91	23.6	200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CSTE complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 06, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 14 of 19

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172382
Load No: 1079321
Manifest No: 1794418

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT 06492
US

Infra-Metals Corporation-CT, R
8 Pent Highway
Wallingford
CT 06492
US

PRODUCT
WF BEAMS

LENGTH
55 FT / 16.764 M

GRADE
992/572-50

SIZE
W 16 X 31# / N410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.87	.011	.035	.20	.36	.10	.08	.017	.012	.002	.003	.010	.29

PHYSICAL PROPERTIES

Yield Strength
KSI

54.9	378.5
54.8	377.8

Tensile Strength
MPa

69.3	477.8
69.8	481.3

Specimen Area
Sq In

0.407
0.403

Elongation
%

26.5
27.1

Gage Length

8In	200 mm
8In	200 mm

Bend Test
Dia. Result

ROA
%

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 20, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington, Quality Assurance Manager Page: 7 of 12

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: CI9848
Mill Order No: 3172382
Load No: 1079321
Manifest No: 1794418

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT US
06492

INFRA-METALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
WALLINGFORD
CT US
06492

PRODUCT
WF BEAMS

LENGTH
55 FT / 16.764 M

GRADE
992/572-50

SIZE
M 16 X 31# / W410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30332390

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.87	.011	.035	.20	.36	.10	.08	.017	.012	.002	.003	.010	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Cage Length	Head Test Dia. Result	ROA %
54.9	69.3	378.5	0.407	2.63	26.5	8In 200 mm		
54.8	69.8	377.8	0.403	2.60	27.1	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 20, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 7 of 12

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172382
Load No: 1079321
Manifest No: 1794418

Ship To: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY
MALLINGFORD
CT
US
06492

GRADE 992/572-50
LENGTH 55 FT / 16.764 M
PRODUCT WF BEAMS

SIZE W 16 X 31# / W410 X 46.1
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30392390

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.09	.87	.011	.035	.20	.36	.10	.08	.017	.012	.002	.003	.010	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area	Elongation	Bend Test	ROA
KSI	MPa	Sq In	%	81R	%
54.9	69.3	0.407	26.5	81R	
54.8	69.8	0.403	27.1	81R	
				200 mm	
				200 mm	

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTE complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 20, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 7 of 12

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT
CHAPARRAL STEEL
300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

Order Date: 06/30/2006
PO No: C19848
Mill Order No: 3172382
Load No: 1079321
Manifest No: 1794418

SHIP TO: 1
INFRAMETALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD
CT
US
06492

SHIP TO: 1
INFRAMETALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD
CT
US
06492

SHIP TO: 1
INFRAMETALS CORPORATION-CT, R
DIV PREUSSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRACK# 953
WALLINGFORD
CT
US
06492

PRODUCT
WF BEAMS

LENGTH
55 FT / 16.764 M

GRADE
992/572-50

SIZE
W 16 X 31# / W410 X 46.1

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30332390

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sa	V	Al	Nb	CE
.09	.87	.011	.035	.20	.36	.10	.08	.017	.012	.002	.003	.010	.29

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	Tensile Strength MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Cage Length	Head Test Dia. Result	ROA %
54.9	69.3	477.8	0.407	2.63	26.5	8In 200 mm		
54.8	69.8	481.3	0.403	2.60	27.1	8In 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 20, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 7 of 12

DATE	11/06/06
INVOICE NO	88968
BILL OF LADING	813632
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT
100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50 84
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-05a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES											
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TORSION STRENGTH	ELONG	CHARPY IMPACT		C	Mn	P	S	SI	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa			PSI	MPa												
1	W16 - 26.0 30' W410 x 38.8 9.144 M	3	284169	.79 .82	61000 63000	77000 77000	24 25															
2	W16 - 26.0 30' W410 x 38.8 9.144 M	53	284171	.81 .81	58000 61000	72000 75000	25 25															
3	W16 - 26.0 60' W410 x 38.8 18.288 M	1	284692	.83 .80	63000 60000	76000 75000	25 26															
4	W16 - 26.0 60' W410 x 38.8 18.288 M	4	284807	.82 .82	64000 65000	78000 79000	23 23															
5	W16 - 26.0 60' W410 x 38.8 18.288 M	2	284809	.82 .81	62000 63000	76000 78000	24 26															
6	W16 - 31.0 32' W410 x 46.1 9.754 M	7	284878	.81 .81	63000 63000	78000 78000	25 26															
7	W16 - 31.0 60' W410 x 46.1 18.288 M	9	284137	.81 .82	58000 58000	72000 71000	24 23															
8	W16 - 31.0 60' W410 x 46.1 18.288 M	3	284139	.80 .81	57000 61000	71000 75000	24 24															
9	W16 - 31.0 60' W410 x 46.1 18.288 M	5	284149	.80 .80	59000 61000	74000 76000	25 24															

CARBON EQUIVALENT: CE = C + (Mn/6) + (Cr/5) + (Ni/15) + (Cu/12) + (Nb/10) + (V/10) + (Si/24) + (Al/6) + (Ti/6) + (B/6) + (Zr/6) + (Sn/6) + (Pb/6) + (As/6) + (Sb/6) + (Bi/6) + (Fe/6)

ELONGATION BASED ON 2.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

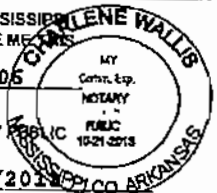
Greg Linnell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME

6 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE 11/06/06
 INVOICE NO 88968
 BILL OF LADING 813632
 CUSTOMER NO. 9310
 CUSTOMER P.O. C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

S
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 INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

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 ASTM A992/A992M-06a A572/A572M GR50 04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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 INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG.	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		%	TEMP												
1	W16 - 26.0 30' W410 x 38.8 9.144 M	3	284169	.79 .82	61000 63000	77000 77000	24 25			.06	.95	.025	.036	.29	.31	.12	.11	.03	.00	.017	.28		
2	W16 - 26.0 30' W410 x 38.8 9.144 M	53	284171	.81 .81	58000 61000	72000 75000	25 25		.06	.93	.024	.033	.24	.28	.10	.10	.02	.00	.016	.27			
3	W16 - 26.0 60' W410 x 38.8 18.288 M	1	284692	.83 .80	63000 60000	76000 75000	25 26		.07	.90	.017	.037	.22	.33	.11	.11	.03	.00	.015	.28			
4	W16 - 26.0 60' W410 x 38.8 18.288 M	4	284807	.82 .82	64000 65000	78000 79000	23 24		.07	.93	.021	.030	.27	.30	.13	.21	.04	.00	.018	.31			
5	W16 - 26.0 60' W410 x 38.8 18.288 M	2	284809	.82 .81	62000 63000	76000 78000	24 26		.06	.90	.021	.039	.26	.32	.11	.21	.03	.00	.016	.29			
6	W16 - 31.0 32' W410 x 46.1 9.754 M	7	284878	.81 .81	63000 63000	78000 78000	25 26		.08	.94	.016	.032	.28	.32	.11	.14	.03	.00	.019	.30			
7	W16 - 31.0 60' W410 x 46.1 18.288 M	9	284137	.81 .82	58000 58000	72000 71000	24 23		.08	.90	.015	.028	.27	.29	.12	.11	.03	.00	.016	.29			
8	W16 - 31.0 60' W410 x 46.1 18.288 M	3	284139	.80 .81	57000 61000	71000 75000	24 24		.05	.90	.016	.033	.28	.30	.12	.12	.03	.00	.019	.27			
9	W16 - 31.0 60' W410 x 46.1 18.288 M	5	284149	.80 .80	59000 61000	74000 76000	25 24		.08	.90	.011	.030	.26	.27	.12	.09	.03	.00	.017	.28			

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Day Lennell

QUALITY ASSURANCE

CUSTOMER COPY

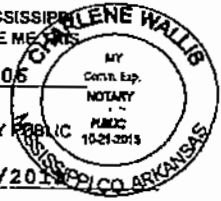
STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME THIS

6 Day of 11/06

Charlene Wallis

NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE: 11/06/06
 INVOICE NO: 88968
 BILL OF LADING: 813632
 CUSTOMER NO.: 9310
 CUSTOMER P.O.: C19896

NUCOR-YAMATO STEEL CO.
 P.O. BOX 1228 • BLYTHEVILLE AR 72318

CERTIFIED MILL TEST REPORT

100% MELTED AND MANUFACTURED IN U.S.A.
 All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
 8 PENT HIGHWAY
 TRACK # 953
 WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50 04
 ASTM A709/A709M-03a GR50 (345)
 ASTM A709/A709M-03a GR50S (345S)
 ASTM A6/A6M-05a

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INFRA-METALS CORP.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES						CHEMICAL PROPERTIES													
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		TEMP °F	IMPACT ENERGY FT-LBS												
1	W16 - 26.0	3	284169	.79	61000	77000	24			.06	.95	.025	.036	.29	.31	.12	.11	.03	.00	.017	.28		
	.82			63000	77000	25																	
	9.144 M			421	531	24																	
2	W16 - 26.0	53	284171	.81	58000	72000	25			.06	.93	.024	.033	.24	.28	.10	.10	.02	.00	.016	.27		
	.81			61000	75000	25																	
	9.144 M			400	496	25																	
3	W16 - 26.0	1	284692	.83	63000	76000	25			.07	.90	.017	.037	.22	.33	.11	.11	.03	.00	.015	.28		
	.80			60000	75000	26																	
	18.288 M			434	524	25																	
4	W16 - 26.0	4	284807	.82	64000	78000	23			.07	.93	.021	.030	.27	.30	.13	.21	.04	.00	.018	.31		
	.82			65000	79000	24																	
	18.288 M			441	538	23																	
5	W16 - 26.0	2	284809	.82	62000	76000	24			.06	.90	.021	.039	.26	.32	.11	.21	.03	.00	.016	.29		
	.81			63000	78000	26																	
	18.288 M			427	524	24																	
6	W16 - 31.0	7	284878	.81	63000	78000	25			.08	.94	.016	.032	.28	.32	.11	.14	.03	.00	.019	.30		
	.81			63000	78000	26																	
	9.754 M			434	538	25																	
7	W16 - 31.0	9	284137	.81	58000	72000	24			.08	.90	.015	.028	.27	.29	.12	.11	.03	.00	.016	.29		
	.82			58000	71000	23																	
	18.288 M			400	496	24																	
8	W16 - 31.0	3	284135	.80	57000	71000	24			.06	.90	.016	.033	.28	.30	.12	.12	.03	.00	.019	.27		
	.81			61000	75000	24																	
	18.288 M			393	490	24																	
9	W16 - 31.0	5	284149	.80	59000	74000	25			.08	.90	.011	.030	.26	.27	.12	.09	.03	.00	.017	.28		
	.80			61000	76000	24																	
	18.288 M			407	510	25																	

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH

I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Ray Lennell

QUALITY ASSURANCE

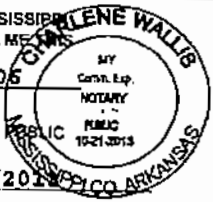
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
 SWORN TO AND SUBSCRIBED BEFORE ME

6 Day of 11/06

Charlene Wallis NOTARY PUBLIC

MY COMMISSION EXPIRES 10/21/2011



DATE	11/06/06
INVOICE NO	88968
BILL OF LADING	813632
CUSTOMER NO.	9310
CUSTOMER P.O.	C19896

NUCOR-YAMATO STEEL CO.
P.O. BOX 1228 • BLYTHEVILLE, AR 72318

CERTIFIED MILL TEST REPORT
100% MELTED AND MANUFACTURED IN U.S.A.
All shapes produced by Nucor-Yamato Steel are cast and rolled to a fully killed and fine grain practice.

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INFRA-METALS CORP
8 PENT HIGHWAY
TRACK # 953
WALLINGFORD, CT 06492

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ASTM A992/A992M-06a A572/A572M GR50 04
ASTM A709/A709M-03a GR50 (345)
ASTM A709/A709M-03a GR50S (345S)
ASTM A6/A6M-D5a

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INFRA-METALS CORP.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

ITEM #	ITEM DESCRIPTION	QTY	HEAT #	MECHANICAL PROPERTIES							CHEMICAL PROPERTIES												
				YIELD TO TENSILE RATIO	YIELD STRENGTH		TENSILE STRENGTH		ELONG. %	CHARPY IMPACT		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb	CE
					PSI	MPa	PSI	MPa		TEMP °F	IMPACT ENERGY FT-LBS												
1	W16 - 26.0 30' W410 x 38.8 9.144 M	3	284169	.79 .82	61000 63000	77000 77000	24 25			.06	.95	.025	.036	.29	.31	.12	.11	.03 .01	.00 .15	.017	.28		
2	W16 - 26.0 30' W410 x 38.8 9.144 M	53	284171	.81 .81	58000 61000	72000 75000	25 25			.06	.93	.024	.033	.24	.28	.10	.10	.02 .01	.00 .14	.016	.27		
3	W16 - 26.0 60' W410 x 38.8 18.288 M	1	284692	.83 .80	63000 60000	76000 75000	25 26			.07	.90	.017	.037	.22	.33	.11	.11	.03 .01	.00 .16	.015	.28		
4	W16 - 26.0 60' W410 x 38.8 18.288 M	4	284807	.82 .82	64000 65000	78000 79000	23 24			.07	.93	.021	.030	.27	.30	.13	.21	.04 .01	.00 .16	.018	.31		
5	W16 - 26.0 60' W410 x 38.8 18.288 M	2	284809	.82 .81	62000 63000	76000 78000	24 26			.06	.90	.021	.039	.26	.32	.11	.21	.03 .01	.00 .15	.016	.29		
6	W16 - 31.0 32' W410 x 46.1 9.754 M	7	284878	.81 .81	63000 63000	78000 78000	25 26			.08	.94	.016	.032	.28	.32	.11	.14	.03 .01	.00 .17	.019	.30		
7	W16 - 31.0 60' W410 x 46.1 18.288 M	9	284137	.81 .82	58000 58000	72000 71000	24 23			.08	.90	.015	.028	.27	.29	.12	.11	.03 .01	.00 .16	.016	.29		
8	W16 - 31.0 60' W410 x 46.1 18.288 M	3	284139	.80 .81	57000 61000	71000 75000	24 24			.06	.90	.016	.033	.28	.30	.12	.12	.03 .01	.00 .15	.019	.27		
9	W16 - 31.0 60' W410 x 46.1 18.288 M	5	284149	.80 .80	59000 61000	74000 76000	25 24			.08	.90	.011	.030	.26	.27	.12	.09	.03 .02	.00 .15	.017	.28		

Formula for Carbon Equivalent: $CE = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15$
Formula for Yield Strength: $Y = 33,000 + 61000(C) + 11,000(Mn) + 11,000(Cr) + 11,000(Mo) + 11,000(V) + 11,000(Ni) + 11,000(Cu)$

ELONGATION BASED ON 8.00 INCH GAUGE LENGTH
I hereby certify that the contents of this report are accurate and correct. All test results and operations performed by this material manufacturer are in compliance with the requirements of the material specifications, and when designated by the purchaser, meet the applicable specifications.

Doug Lunsell
QUALITY ASSURANCE
CUSTOMER COPY

STATE OF ARKANSAS COUNTY OF MISSISSIPPI
SWORN TO AND SUBSCRIBED BEFORE ME
6 Day of 11/06
Charlene Wallis NOTARY PUBLIC
MY COMMISSION EXPIRES 10/21/2011
STATE OF ARKANSAS

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

Ship To: 1
INFRA-METALS CORPORATION-CT, R
DIV PRESSAG INTERNATIONAL CO 8 PENT HIGHWAY
TRAC# 953
WALLINGFORD CT WALLINGFORD
06492 US 06492

INFRA-METALS CORPORATION-CT, R
INFRA-METALS CORPORATION-CT
8 PENT HIGHWAY
WALLINGFORD CT WALLINGFORD
06492 US 06492

PRODUCT
WF BEAMS

LENGTH
35 FT / 10.668 M

GRADE
992/572-50

SIZE
W 16 X 26# / W410 X 38.8

SPECIFICATION
ASTM A6-05a, A992-06a, A572-06

HEAT NO: 30333730

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES

Yield Strength KSI	Tensile Strength KSI	MPa	Specimen Area Sq In	Specimen Area Sq cm	Elongation %	Elongation Gage Length	Bend Test Dia. Result	ROA %
56.2	69.4	387.5	0.385	2.48	26.3	81R 200 mm		
56.0	70.5	386.1	0.377	2.43	26.6	81R 200 mm		

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Tom L. Harrington: Quality Assurance Manager Page: 26 of 52

CHAPARRAL STEEL
CERTIFIED MATERIAL TEST REPORT

Order Date: 11/07/2006
PO No: C20725
Mill Order No: 3219615
Load No: 1076553
Manifest No: 1792554

SHIP TO: 1
INFRA-METALS CORPORATION-CT, R INFRA-METALS CORPORATION-CT
DIV FREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
8 PENT HWY TRACK# 953
WALLINGFORD CT WALLINGFORD CT
06492 US 06492 US

GRADE 992/572-50
LENGTH 35 FT / 10.668 M
PRODUCT WF BEAMS

SIZE W 16 X 26# / W410 X 38.8
SPECIFICATION ASTM A6-05a, A992-06a, A572-06
HEAT NO: 30333730

CHEMICAL ANALYSIS
C .08 Mn .87 P .012 S .031 Si .22 Cu .34 Ni .10 Cr .07 Mo .015 Sn .014 V .002 Al .003 Nb .010 CE .27

PHYSICAL PROPERTIES
Yield Strength KSI 56.2 387.5 55.0 386.1
Tensile Strength KSI 69.4 478.5 70.5 486.1
Specimen Area Sq In 0.385 0.377
Elongation % 26.3 26.6
Bend Test Dia. Result 8In 200 mm 8In 200 mm
ROA %

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Quality Assurance Manager Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
Page: 26 of 52

CHAPARRAL STEEL
 CERTIFIED MATERIAL TEST REPORT
 CHAPARRAL STEEL
 300 Hard Rd.
 Midlothian, TX
 76065-9451
 (972) 775-8241

Order Date: 11/07/2006
 PO No: C20725
 Mill Order No: 3219415
 Load No: 1076593
 Manifest No: 1792554

Ship To: 1
 INFRA-METALS CORPORATION-CT, R
 DIV PREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT US
 06492

INFRA-METALS CORPORATION-CT, R
 DIV PREUSSAC INTERNATIONAL CO 8 PENT HIGHWAY
 TRACK# 953
 WALLINGFORD
 CT US
 06492

LENGTH
 35 FT / 10.668 M

GRADE
 992/572-50

SIZE
 W 16 X 26# / W410 X 38.8

PRODUCT
 WF BEAMS

SPECIFICATION
 ASTM A6-05a, A992-06a, A572-06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	V	Al	Nb	CE
.08	.87	.012	.031	.22	.34	.10	.07	.015	.014	.002	.003	.010	.27

PHYSICAL PROPERTIES		Tensile Strength		Elongation		Bend Test	
Yield Strength	MPa	KSI	MPa	%	Gage length	8In	200 mm
56.2	387.5	69.4	478.5	26.3	200 mm	8In	200 mm
56.0	386.1	70.5	486.1	26.6	200 mm	8In	200 mm

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A. CMTR complies with DIN EN 10204 3.1.B

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Dec. 10, 2006 Signed: Notary Public (if applicable) Date: _____
 Tom L. Harrington: Quality Assurance Manager

P.O.# 17597

P.O.#17597
01/19/07



GERDAU AMERISTEEL
CALVERT CITY STEEL MILL
1035 SHAR-CAL ROAD
CALVERT CITY KY 42028 USA
(270) 385-3100

Chemical and Physical Test Report
MADE IN UNITED STATES

Y-025783

PRODUCED IN: CALVERT CITY

SHIP TO
LEROUX STEEL
1331 GRAHAM BELL
CN TRACK BR021
BOUCHERVILLE, PQ J48 8A1

INVOICE TO
LEROUX STEEL INC
1331 GRAHAM BELL
BOUCHERVILLE, PQ J48 8A1

SHIP DATE
12/05/06
CUST. ACCOUNT NO
80005840

SHAPE & SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C4 X 13.0RMC	44W	ASTM A390-05, ASTM A708 GR36	6124201-01	94011320-01

HEAT I.D. Y825907
 C .14 Mn .07 P .012 S .028 Si .21 Cu .32 Ni .06 Cr .16 Mo .040 Nb <.006 Sn .010 C EQV .317
 Mechanical Test: Yield 60000 PSI, 344.74 MPA Tensile: 72000 PSI, 496.42 MPA %EL: 24.07%, 24.0203.2mm Std Dev:0
 Customer Requirements CASTING: STRAND CAST
 Mechanical Test: Yield 61000 PSI, 361.63 MPA Tensile: 73000 PSI, 503.32 MPA %EL: 25.07%, 25.0203.2mm Std Dev:0
 Customer Requirements CASTING: STRAND CAST

MC4138

SHAPE & SIZE	GRADE	SPECIFICATION	SALES ORDER	CUST P.O. NUMBER
C6 X 12.0RMC	44W	A36/A44W/ASTM A390-05, ASTM A708 GR36	6087432-02	94010171-02

HEAT I.D. Y828408
 C .13 Mn .72 P .012 S .024 Si .22 Cu .32 Ni .08 Cr .13 Mo .020 Nb <.006 Sn .010 C EQV .307
 Mechanical Test: Yield 52000 PSI, 358.83 MPA Tensile: 72000 PSI, 496.42 MPA %EL: 25.07%, 25.0203.2mm Std Dev:0
 Customer Requirements CASTING: STRAND CAST
 Mechanical Test: Yield 53000 PSI, 368.83 MPA Tensile: 71000 PSI, 488.83 MPA %EL: 27.07%, 27.0203.2mm Std Dev:0
 Customer Requirements CASTING: STRAND CAST

This material, including the blanks, was melted and manufactured in the United States of America

Resalar Yalamanchil
Quality Director
Gerdau Ameristeel

Maskary

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE PERMANENT RECORDS OF COMPANY.

Mgr. Metallurg. Svcs.

CALVERT CITY STEEL MILL

Alvin L. Phay



094023928



CMC Steel - Alabama
 P.O. Box 321188
 Birmingham, AL 35232-1188
 www.cmc-steel.com

CMC Steel - South Carolina
 Box 2005
 Cayce, SC 29171-2005
 www.cmc-steel.com

For additional copies call
 (800) 637-3227

John F. Powell - CMC Steel AL
 Quality Assurance Manager

CERTIFIED MILL TEST REPORT

We hereby certify that the test results presented here are accurate and conform to the reported grade specification.

10#110220

HEAT NO.: J64646	SECTION: F 7X6/8 X20"	GRADE: ASTM A36-05 ASTM A36M-05	S O L D	INFERA METALS CONNEW ENGLAND 8 PENT HIGHWAY WALLINGFORD, CT 06492-	S H I P	INFERA METALS 8 PENT HIGHWAY WALLINGFORD, CT 06492-	SHIP#: 101788211 BOL #: 254782 INV #: 830035467B CUST PO#: C19520 CUST P/N:
------------------	-----------------------	------------------------------------	------------------	--	------------------	---	---

CHEMICAL ANALYSIS	MECHANICAL	TEST 1			TEST 2			TEST 3		
		IMPERIAL	METRIC	PROPERTY	IMPERIAL	METRIC	PROPERTY	IMPERIAL	METRIC	PROPERTY
C	Yield Strength	49.0 KSI	338.0 MPA							
Mn	Tensile Strength	68.6 KSI	473.2 MPA							
P	Elongation	24 %	24 %							
S	Gauge Length	8 INS	203 MM							
Si	Reduction of Area									
Cu	Bend Test									
Cr	Diameter									
Ni	Charpy Impact									
Mo	Test Temp									
Co	Sample Size									
V	Orientation									
Sn	Hardness									
B										
TI										
C,Eq.										

JOMINY RESULTS - Rockwell Charidress at 1/16th inch increments												
	1	2	3	4	5	6	7	8	9	10	11	12

100% MELTED AND MANUFACTURED IN THE USA AND FREE OF MERCURY CONTAMINATION IN THE PROCESS

REMARKS: Meets Specifications NO GRADE, MIL-S-22698C GR A CU AMN 1&2 AASHTO M270-03 GR 36, ASTM A36-05, ASTM A36-05/CAN, CSA Meets Specifications CAN/CSA-G40.21-04 44W, ASTM A709-05 GR 36 ABS PART 2-2006 GR A, ABS PART 2-2006 GR-A/A36-05, ASME SA-36 03a

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARTMOUTH
 804ds, South Carolina

NUCOR
BAR MILL GROUP
 DARTMOUTH DIVISION
 TELEPHONE: 443-7341

BILL OF LADING NO. 7105114

8 J

2-repaid

430963
 PAGE 1

7105114 Load H 85851 BOL H 430963

BL Printed: 7/21/06

CUSTOMER: 8936
 INFRAMETALS CSX1705944

INFRAMETALS

D- 354 C- 90

SOLD TO: B DEVI BIGHVNY, TRACC R553
 WALLINGFORD, CT
 800-243-4410 06492

SHIP TO: B DEVI BIGHVNY, TRACC R553
 WALLINGFORD, CT
 800-243-4410 06492

CSX1705944 5 Roll

FROM: NUCOR STEEL SC PAGE

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Torsion	Yield	EL. C	HA	SI	S	P	V	MB	CU	CF	Y1	MC	CE
406037620	C19415	3/8K 7	R36/36M 20' 00'	28	4,998	762883	76000	52000	25	.21	.73	.18	.040	.020	.003	.00	.32	.14	.10	.02	.39
406037658	C19415	3/8K 7	R36/36M 20' 00'	28	4,998	762883	76000	52000	25	.21	.73	.18	.040	.020	.003	.00	.32	.14	.10	.02	.39
405037659	C19415	3/8K 7	R36/36M 20' 00'	28	9,798	762883	76000	52000	25	.21	.73	.18	.040	.020	.003	.00	.32	.14	.10	.02	.39
406042336	C19355	5CR 3.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042337	C19355	5CR 3.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042338	C19355	5CR 3.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042339	C19355	5CR 3.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042360	C19461	6CR 8.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042364	C19355	6CR 8.2	R529-50 20' 00'	30	4,920	753242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43

SLS-ERR-08 REVISION 01: REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARTMOUTH, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL.
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL.

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

MADE BY: 123-5124 (1897) 200-4521

[Signature]
 James H. Blevy
 Chief Metallurgist

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 21405, South Carolina

BL Printed: 7/21/06 17:05:14 Load #: 85851 BDE #: 430963

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 TULHOKE BLVD-6641

BILL OF LADING NO.

430963
 PAGE 2

Prepaid

FROM: NUCOR STEEL SC PAGE

CSMT 4936
 IRRR-METALS
 8 FEET HIGHWAY, TRACR #933
 WALLINGFORD, CT
 800-293-4410 06492

SHIP TO: 8 FEET HIGHWAY, TRACR #933
 WALLINGFORD, CT
 800-293-4410 06492

P - 54 C - 90
 CSMT705944 5 Reel

Tag No.	P. O.	Size	Spec	Length	PCS	Weight	Bore	H	Tensil	Yield	EL	C	Ma	SI	S	P	V	DB	CA	CE	NI	MO	CE
406042367	C19555	6CX 8.2	A529-50	20' 00"	30	4,320	763242		8100	5400	26	.22	.82	.18	.040	.020	.005	.06	.44	.17	.12	.03	.43
406042350	C19555	6CX 8.2	A529-50	20' 00"	30	4,320	763244		8300	5600	21	.20	.78	.15	.040	.020	.004	.05	.48	.17	.11	.03	.40
406042351	C19463	6CX 8.2	A529-5C	20' 00"	30	4,920	763294		8300	5600	21	.20	.78	.15	.040	.020	.004	.03	.48	.17	.11	.03	.40
406042352	C19555	6CX 8.2	A529-5C	20' 00"	30	4,920	763294		8300	5600	21	.20	.78	.15	.040	.020	.004	.03	.48	.17	.11	.03	.40
406043638	C19415	5/BK 5	A36	20' 00"	24	5,104	763327		6900	4700	25	.18	.56	.25	.040	.010	.003	.00	.45	.15	.11	.03	.34
406043700	C19415	5/BK 5	A36	20' 00"	24	5,104	763327		6900	4700	25	.18	.56	.25	.040	.010	.003	.00	.45	.15	.11	.03	.34
106112085	C19426	2	A36	20' 00"	20	4,272	763938		6900	4800	26	.13	.68	.20	.040	.010	.005	.00	.27	.15	.10	.02	.31
106112109	C19426	2	A36	20' 00"	13	2,777	763938		6800	4700	22	.13	.68	.20	.040	.010	.005	.00	.27	.15	.10	.02	.30
406051828	C19415	5/BK 8	A36	20' 00"	14	4,760	764020		6700	4600	26	.14	.56	.28	.040	.030	.004	.08	.35	.12	.12	.03	.28
406053827	C19415	5/BK 8	A36	20' 00"	14	4,760	764020		6700	4600	26	.14	.56	.28	.040	.030	.004	.08	.35	.12	.12	.03	.28

SIS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanet address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29840

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

MADE BY: 609 300-1321

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Blaw
 Chief Metallurgist

MILL TEST REPORT

FROM: **BAR MILL DARLINGTON**
 800-243-4410

BT Product: 7/21/06 17:05:14
 Load #: 85851

ROLL #: 418963
 R J

BILL OF LADING NO.

1305E3
 PRICE 3

Prepaid

CUSEH 4936
 INFR-METALS

INFR-METALS

SOLD TO: 3 PENT HIGHWAY, TRACK #933
 WASHINGTON, CT 06492

SHIP TO: 8 PENT HIGHWAY, TRACK #933
 WASHINGTON, CT 06492

CSX1705344

CSX1705344

5 Roll

FROM: NUCOR STEEL SC PAGE

Ing No.	P.O.	Size	Spec	Length	Pcs	Weight	Reqt	Yield	EL	C	Mn	SI	S	P	V	DB	CU	CE	NI	MO	SE
408051063	C19555	1X	1/16 A36/35K 20' 00"	85	5,219	764055	76000	35000	28	.19	.70	.17	.040	.110	.004	.00	.33	.16	.12	.03	.37
408051073	C19555	1X	2X 3/16 A36/35K 20' 00"	85	5,219	764056	72000	52000	27	.18	.69	.16	.050	.120	.005	.00	.44	.20	.13	.03	.37
408051073	C19555	1X	2X 3/16 A36/35K 20' 00"	85	5,219	764056	73000	52000	27	.18	.69	.16	.050	.120	.005	.00	.44	.20	.13	.03	.37
408051073	C19555	1X	2X 3/16 A36/35K 20' 00"	85	5,219	764056	72000	51000	26	.18	.69	.16	.050	.120	.005	.00	.44	.20	.13	.03	.37
408051073	C19555	1X	2X 3/16 A36/35K 20' 00"	85	5,219	764056	73000	52000	27	.18	.69	.16	.050	.120	.005	.00	.44	.20	.13	.03	.37
408051073	C19555	1X	2X 3/16 A36/35K 20' 00"	85	5,219	764056	72000	51000	26	.18	.69	.16	.050	.120	.005	.00	.44	.20	.13	.03	.37
408054612	C19563	3/8X	8 A36/35K 20' 00"	24	4,856	764075	76000	52000	24	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
408054613	C19563	3/8X	8 A36/35K 20' 00"	24	4,856	764075	76000	52000	24	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
408054613	C19563	3/8X	8 A36/35K 20' 00"	24	4,856	764075	76000	52000	24	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
408054620	C19563	3/8X	8 A36/35K 20' 00"	24	4,856	764075	76000	52000	24	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
408053379	C19563	1/2X	8 A36 20' 00"	18	4,856	764137	76000	50000	28	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
408054371	C19563	1/2X	8 A36 20' 00"	18	4,856	764137	76000	50000	28	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39

SIS-FRM-08 REV15:DB:1 REVISOR DATE: 8/10/97

Permanent address of shipper
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29840

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Blew
 Chief Metallurgist

MILL TEST REPORT

FROM: **BAR MILL DARLINGTON**

10445, South Carolina

BL Plate No: 7/21/06

17:05:14

Lead # 85851

BOC # 430963

R J

NUCOR
BAR MILL GROUP
DARLINGTON DIVISION
TUPPERMAN, MISSISSIPPI

BILL OF LADING NO.

430963
PAGE

2=opaid

CUST# 1936 CSK-705944
INFRAMETALS
SOLD TO: 8 PENI BIGHWAY, TRACK P553
WALLINGFORD, CT
800-243-4410
SHIP TO: 8 PENI BIGHWAY, TRACK P553
WALLINGFORD, CT
800-243-4410
INFRAMETALS
66492 06492 CSK705944 5 ROLL

FROM: NUCOR STEEL SC PAGE

Lot No.	P.O.	Size	Spec	Length	Pcs	Weight	Yield	EL	C	MP	SI	S	P	V	MB	Cu	C	AL	MO	CE
406054374	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054375	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054373	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054381	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054083	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054385	C19563	1/2X	A36	20' 00"	18	4,836 764157	75000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39

Total 1,101 175,597 Tons 87,798
Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and ASMEC W270 GR36(250).
Grade A36/A36N meets all requirements for grades ASTM A36, A329 GR36(335), A709 GR36(250), ASME SA36(250) and ASMEC W270 GR36(250)

RAILCAR PP 1.84 IRRU 9/30/06 BORZAVERT BLK.FRM BFC/CARP ID 808 203/294-2993
RAILCAR MUST BE TROPIC/11 CALL ORVE OROZINSKI FOR 800-243-4410
LCRM SHIP 86 - COMDORST SCRF-TIORE-CSTH-MSPRI LDRD 263 MKR 09 CSO.
SEIP PREPAID (GRADE A36/36N OR CALL) SHIP MATERIAL. ASK 30 TONS ROLLED

SLS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:
NUCOR
300 STEEL MILL ROAD
DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
MELTED AND MANUFACTURED IN THE USA
MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

MADE BY 0225-2006 (480) 300-4571

[Signature]
General M. Shaw
Chief Metallurgist



BAYOU STEEL CORPORATION

RIVER ROAD P.O. BOX 8000
LA PLACE, LOUISIANA 70069-1156
Telephone (989) 852-4900

MATERIAL CERTIFICATION REPORT

INFRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INFRA METALS CO.
#8 PENT HIGHWAY
WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH **ASTM A6**

INVOICE NO. **PRODUCT UNEQUAL ANGLES**
HEAT NO. **53282 182 Pcs**
Length **40'0"**

DATE **11/28/06**
Cust I-3443 -0002
GRADC **A36522950 -**
SIZE **U 7 X 4 X 3/8 X 13.6**

PC: C19261

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	YIELD STRENGTH	53,410 PSI	368 MPa	51,688 PSI	356 MPa	PSI	MPa
Mn	TENSILE STRENGTH	73,695 PSI	508 MPa	73,837 PSI	509 MPa	PSI	MPa
P	ELONGATION	33.0 %	33.0 %	33.0 %	33.0 %	%	%
S	GAUGE LENGTH	8 in	203 mm	8 in	203 mm	in	mm
Si	BEND TEST DIAMETER	d	d	d	d	d	d
Cu	BEND TEST RESULTS						
Ni	SPECIMEN AREA						
Cr	REDUCTION OF AREA						
Mo	IMPACT STRENGTH						
Co							
V							
B							
Al							
Sn							
N							
Ti							

IMPACT STRENGTH	IMPERIAL	METRIC	INTERNAL CLEANLINESS	
			GRAIN SIZE HARDNESS	GRAIN PRACTICE REDUCTION RATIO
AVERAGE TEST TEMP	ft-lbs	J		
ORIENTATION	F	C		
SEVERITY FREQUENCY RATING				

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-D4 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SA ISH-ACTORY RESULTS. AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN

PARISH ON THIS _____ DAY OF _____, 20__

SIGNED

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Mark Edwards

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Soltau, # 81887, Notary Public

1-800-535-7892 (USA)



BAYOU STEEL CORPORATION

RIVER ROAD P.O. BOX 5000
1 A PLACE, LOUISIANA 70069-1156
Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT

INTRA-METALS CO.
8 PENT HIGHWAY
WALLINGFORD, CT 06492

INTRA METALS CO.
#8 PENT HIGHWAY
WALLINGFORD, CT 06492

TESTED IN ACCORDANCE WITH **ASTM A6**

INVOICE NO. **PRODUCT ANGLES**
HEAT NO. **53147** 24 Pcs
Length **40'0"**
DATE **11/14/06** PO: **C19462**
Cust I-3443 ~0002
GRADE **A3652950**
SIZE **L 5 X 5 X 5/16 X 10.3**

CHEMICAL ANALYSIS	TEST 1	TEST 2	TEST 3
C	54.322 PSI	54,200 PSI	374 MPa
Mn	70,964 PSI	71,431 PSI	493 MPa
P	38.0 %	41.0 %	41.0 %
S	8 in	8 in	203 mm
Si	d	d	d
Cu	d	d	d
Ni	sq in	sq in	sq in
Cr	%	%	%
Mo	sq mm	sq mm	sq mm
Cb	%	%	%
V	ft-lbs	ft-lbs	ft-lbs
B	F	F	F
Al	J	J	J
Sn	C	C	C
N	SEVERITY RATING	SEVERITY RATING	SEVERITY RATING
TI	GRAIN SIZE HARDNESS	GRAIN SIZE HARDNESS	GRAIN SIZE HARDNESS
	GRAIN PRACTICE REDUCTION RATIO	GRAIN PRACTICE REDUCTION RATIO	GRAIN PRACTICE REDUCTION RATIO

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

MECHANICAL PROPERTIES	IMPERIAL	METRIC	INTERNAL CLEANLINESS	GRAIN SIZE HARDNESS	GRAIN PRACTICE REDUCTION RATIO
YIELD STRENGTH	54,322 PSI	375 MPa			
TENSILE STRENGTH	70,964 PSI	489 MPa			
ELONGATION	38.0 %	38.0 %			
GAUGE LENGTH	8 in	203 mm			
BEND TEST DIAMETER	d	d			
BEND TEST RESULTS	d	d			
SPECIMEN AREA	sq in	sq mm			
REDUCTION OF AREA	%	%			
IMPACT STRENGTH	ft-lbs	J			
IMPACT STRENGTH	ft-lbs	J			
IMPACT STRENGTH	ft-lbs	J			
AVERAGE TEST TEMP	F	C			
ORIENTATION					

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN

PARISH ON THIS _____ DAY OF _____, 20__

SIGNED

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

Mark Edwards

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Soltau, # 81887, Notary Public

1-810-535-7892 (USA)

150 pcs. = 49200

CERTIFIED TEST REPORT

HEAT# B8080

DATE SHIPPED 11/20/2006

SHIPMENT# 028764

SIZE: AN 4 X 4 X 5716 40' 0"

ORDER ITEM# 180053/ 24

SOLD TO: INFRA-METALS CORP - CT

FAK/FEMAIL: 2032942993

NUCOR

BAR MILL - AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

CUST. P.O. C20217

PART #: L4405

GRADE: A529-04 GR50/55

SPEC: CSA G40.21-98 GR55W

SUPP. REQ:

SHIP TO: INFRA-METALS CORP-CT

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
200	1.110	170	019	049	370	0900	110	039	014	082	0060	0010	0011	XXX	XXX

CHEMICAL ANALYSIS %

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	PIN DIA	% R.A.
K.S.I.	K.S.I.	LENGTH				
61.10	84.90	8	23.8	.0	.0	.0
59.10	84.70	8	25.0	.0	.0	.0
MPa	MPa	GAUGE	%	BEND	PIN DIA	R.A.
		LENGTH				

CHARPY IMPACT TEST

TEMP. F.	FT./LB.	SUBSIZE SPECIMEN SAMPLE

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK
COUNTY OF CAYUGA SS.

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME,
DECLARES THAT: THESE RESULTS
ARE CORRECT AS CONTAINED IN THE
RECORDS OF NUCOR STEEL AUBURN, INC.

Grain Size	Reduction Ratio	As Rolled Hardness	D1	C E	C1						
XXX	XXX	XXX	XXX	.480	XXX						
JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)											
J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J18	J18	J20	J22	J24	J26	J28	J30	J32

SUBSCRIBED AND SHOWN BEFORE ME

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

BG/05210
131200

THIS _____ DAY OF _____
L.S. _____
THIS CERTIFICATE IS NOTARIZED ONLY
WHEN REQUESTED

MILL TEST REPORT

NUCOR
 BARR MILL GROUP
 DARLINGTON DIVISION
 TEL#803-243-5541

FROM: **BAR MILL DARLINGTON**
 FLOIdS, South Carolina

9L Printed: 9/30/06 16:20:55 Load #: 93049 BDC #: 036664

BILL OF LADING NO.

8 J

Prepaid

136664
 PAGE 1

COACH 4936 CSRT703168
 INFR-NEIALS
 SOLD TO: 5 DENI BIGWAY, TRUCK #933
 WALLINGFORD, CT 06492

SHIP TO: 5 DENI BIGWAY, TRUCK #933
 WALLINGFORD, CT 06492

CSRT703168 39 8811

FROM: NUCOR STEEL SC

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	El	C	Ma	SI	S	P	V	Nb	Cu	Cr	Mn	CE	
406073358	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073361	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073362	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073363	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073365	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073366	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406073367	C19426	4X 31/2X	5/16 A36/36H	40' 00"	32	9,856	76504	77000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

STG-FRM-08 REVISED: 1 REVISED DATE: 8/10/97

Permanant address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MENTIONED AND MANUFACTURED IN THE USA
 MERCURY RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

MADE BY **EXXCEL** (800) 286-6521

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]
 James H. Drew
 Chief Metallurgist

MILL TEST REPORT

NUCOR
 BARN HILL GROUP
 DAINLINGTON DIVISION
 TONAWANDA, NY 14154

FROM: **BAR MILL DAINLINGTON**
 #045, South Carolina

BL Filled: 9/30/06 16:20:55 Load #: 21093

BILL OF LADING NO.

434464
 PAGE 2
 Prepared

CUST# 4936
 INFRAMETALS
 CSMT05168

INFRAMETALS

SOLD TO: B BENT BICYCLE, TRUCK #953
 WASHINGTON, CT
 803-243-4410 05492

SHIP TO: B BENT BICYCLE, TRUCK #953
 WASHINGTON, CT
 803-243-4410 05492

P - 154 C - 30
 CSMT05168 99 RE11

FROM: **NUCOR STEEL SC**

Log No.	P.O.	Size	Spec	Length	Des	Weight	Heat #	Transl	Yield	EL	C	Mn	Si	S	P	V	BD	Cu	Cr	Ni	Mo	CE
406077368	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077369	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077370	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077371	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077372	C19426	4X 31/2X 5/7.6	A36/36M	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077373	C19426	4X 31/2X 5/7.6	A36/36M	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077374	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077375	C19426	4X 31/2X 5/16	A36/36K	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
Total										542	116	036	Tons		88.028							

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), A572 GR50(345), A709 GR36(250), A572 GR50(345), A709 GR36(250), A572 GR50(345), A709 GR36(250) and A572 GR50(345).
 Grade A36/A36K meets all requirements for grades ASTM A36, A572 GR50(345), A709 GR36(250), A572 GR50(345), A709 GR36(250) and A572 GR50(345).
 RAILCAR PP 1.99 TRD 9/30/07 BORSAVERI BLK.FRM B01/CRRR IN 808 213/294-2953
 RAILCAR MUST BE TAREDD!!! CALL DAVE DUDZINSKI FOR RPT 800-243-4410
 KCR SHIP 66' GDDUDRSX SCRF-FLOK-CST-NSPRI LOND 263 KAR DR CSO
 SBIT PREPND (GRNDI A36/36K DR-CRLL) SBIT MATERIAL A572 90 TONS BOILED

17:21 09/30/2006 10:00,2032942993

SLS-FRM-DB REVISION:1 REVISION DATE: 8/10/97
 Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DAINLINGTON, S.C. 29540

WELDING OR WELD-REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL

[Signature]
 James H. Dwyer
 Chief Metallurgist



Metals Service Center Institute

[Handwritten signature]

Authorized by Quality Assurance:

Material No:	M200391557	080200 Psi	075020 Psi	32.0 %								
Bundle No:	8291E	Yield	Tensile	Elon. 2in	Certification							
Heat No:	C	Mn	P	S	SI	Al	Cu	Co	Mo	NI	Cr	V
	0.200	0.830	0.007	0.007	0.020	0.024	0.040	0.000	0.010	0.020	0.020	0.000
Material: 7.0x7.0x500x60.0(12x2)	Material No: 70070500											
Sales order: 263000	Purchase Order: C20505MF											
	Made in: Canada											

Material No:	M200391552	601802 Psi	074430 Psi	32.0 %								
Bundle No:	8292E	Yield	Tensile	Elon. 2in	Certification							
Heat No:	C	Mn	P	S	SI	Al	Cu	Co	Mo	NI	Cr	V
	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002
Material: 7.0x7.0x500x40.0(12x2)	Material No: 70070500											
Sales order: 263000	Purchase Order: C20505MF											
	Made in: Canada											

Material No:	M200391553	601802 Psi	074430 Psi	32.0 %								
Bundle No:	8292E	Yield	Tensile	Elon. 2in	Certification							
Heat No:	C	Mn	P	S	SI	Al	Cu	Co	Mo	NI	Cr	V
	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002
Material: 7.0x7.0x500x30.0(12x2)	Material No: 70070500											
Sales order: 263000	Purchase Order: C20505MF											
	Made in: Canada											

Material No:	M200391554	601802 Psi	074430 Psi	32.0 %								
Bundle No:	8292E	Yield	Tensile	Elon. 2in	Certification							
Heat No:	C	Mn	P	S	SI	Al	Cu	Co	Mo	NI	Cr	V
	0.200	0.820	0.012	0.008	0.010	0.032	0.040	0.000	0.010	0.020	0.020	0.002
Material: 7.0x7.0x500x35.0(12x2)	Material No: 70070500											
Sales order: 263000	Purchase Order: C20505MF											
	Made in: Canada											

Intra-Metals Corporation (Rail)
8 Pent Highway
WALLINGFORD CT 06492
USA

Intra-Metals Corporation
8 Pent Highway
WALLINGFORD CT 06492
USA

MATERIAL TEST REPORT



Sold to

Atlas Tube Inc.
200 Clark St.
Harrow, Ontario, Canada
NOR 1G0
Tel: 519-738-3541
Fax: 519-738-3537

Ref./B/L: B0216628
Date: 11.27.2006
Customer: 81

Shipped to

17621 PO#17621
Steel 17621

SHIP TO: ISG PLATE INC.
PREUSSAG INTL STEEL CORP.
INFRA-METALS DIVISION
8 PENT HIGHWAY
WALLINGFORD CT 06492

TEST CERTIFICATE
PAGE NO: 01 OF 01
FILE NO: 3880-01-01
MILL ORDER NO: 54284-003
MELT NO: T7069
DATE: 03/23/06

SOLD TO: INFRA-METALS CO
8 PENT HIGHWAY
WALLINGFORD CT 06492

SEND TO:

01-C

PLATE DIMENSIONS / DESCRIPTION

TOTAL QTY	GAUGE	WIDTH	LENGTH	DESCRIPTION	PIECE WEIGHT
2	1.5"	96"	240"	RECTANGLE	9801#

RECEIVED

FEB - 1 2007

AMERICAN STEEL

CUSTOMER INFORMATION

CUSTOMER PO: C18865

SPECIFICATION(S)

THIS MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S).

ASTM A709-GR36 YR 05
IMPACTS WAIVED ASTM A36 05 & ASME SA36 ED 04 05
ADDENDA

MATERIAL PRODUCED UNDER A CERTIFIED QUALITY MGMT SYSTEM COMPLYING WITH ISO 9001 ARS-QE CERT. NO. 30130

CHEMICAL COMPOSITION

MELT	C	MN	P	S	CU	SI	NI	CR	MO
T7069	.17	1.05	.012	.012	.11	.19	.07	.03	.01
MELT	V	AL	CB						
T7069	.001	.021	.001						

TENSILE PROPERTIES

LOC	DIR	YIELD STRENGTH PSI X 100	TENSILE STRENGTH PSI X 100	ELONGATION GAGE LGTH	%
BOT.	TRANS.	389	682	2.00"	27.0
BOT.	TRANS.	409	681	2.00"	30.0

GENERAL INFORMATION

ALL STEEL HAS BEEN MELTED AND MANUFACTURED IN THE U.S.A.

B/L #26463 CUSTOMER'S TRUCK

WE HEREBY CERTIFY THE ABOVE INFORMATION IS CORRECT:

QUALITY ASSURANCE LABORATORY
COATESVILLE, PA 19320

Elinore Zaplitny
SUPERVISOR - TEST REPORTING
ELINORE ZAPLITNY

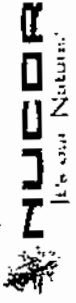
RECEIVED

APR 11 2006

NUCOR
PLATE MILL

P.O. Box 279
 Winton, NC 27986
 (252) 356-3700

Mill Test Report
 Page 7



Issuing Date : 03/23/2005 BIL No. : 94679 Lead No. : 95582 Our Order No. : 3220425 Cust. Order No. : C 16981
 Vehicle No: LW 62008 Sold To : INFRA-METALS Ship To : INFRA-METALS
 Specification : 1.2500" x 96.000" x 240.000" f. 32mm x 2438mm x 5096mm 8 PENT-HIGHWAY 8 PENT-HIGHWAY
 ASTM A36-04/ASTM A709 Grade 36-04/ASME SA36-08 WALLINGFORD, CT 06492 WALLINGFORD, CT 06492

Marking :

Heat No	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Alz	V	Nb	Ti	N	Ca	B	Sn	CEQ	PCM							
5102115	0.17	0.89	0.017	0.009	0.18	0.26	0.08	0.09	0.02	0.013	0.005	0.004	0.001		0.0016	0.0002	0.011	0.37	0.25							
Tensile Test																										
Plate Serial No	Pieces	Dir.	Yield (ksi)	Tensile (ksi)	Elongation % in 2"	Elongation % in 8"	Dir.													Charpy Impacts (ft-lb)	Charpy Impacts (ft-lb)	Temp	Min	Ave.		
5102115-03	5	T	44,000	73,600	18.2	18.0														1	2	3				
Metric Results																										
Plate Serial No	Pieces	Dir.	Yield (MPa)	Tensile (MPa)	Elongation % in 2"	Elongation % in 8"	Dir.													Charpy Impacts (J)	Charpy Impacts (J)	Temp	Min	Ave.		
5102115-03	5	T	303	507	18.2	18.0														1	2	3				

RECEIVED
 FEB 17 2006

Manufactured to fully killed practice. Welding or weld repair was not performed on this material.
 Mercury has not been used in the direct manufacturing of this material. Produced as continuous cast or rolled discrete plate.
 Yield by 0.5%EL method unless otherwise specified. Ceq = C+(Mn/6)+(Cr+Ni+V/5)+(Cu+Ni/15)
 Pcm = C+(Si/30)+(Mn/10)+(Cr/20)+(Ni/20)+(V/10)+(Nb/10)+(Ti/10)
 Melted and manufactured in the USA. ISO 9001-2000 certified (#12443-0) by SRI Quality System Registrar (#0985-09).
 DIN 50049 3.1.9/EN 10204 3.1.0 compliant. For ABS grades only. Quality Assurance certificate No. 03-MMPDA-182

T. A. Depreis
 T. A. Depreis, Metallurgist

03/25/2005 5:06:29 PM



BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70069-1156
 Telephone (985) 862-4900

MATERIAL CERTIFICATION REPORT

INFRAMETALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRAMETALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

PO# 17630

1/28/2008 07:29PM

TESTED IN ASTM A6
 ACCORDANCE WITH

INVOICE NO. DATE 11/28/06 PO: C19261
 PRODUCT UNEQUAL ANGLES Cust I-3443 -0002
 HEAT NO. 53282 182 Pcb GRADE A3652950 -
 Length 40'0" SIZE U 7 X 4 X 3/8 X 13.6

CHEMICAL ANALYSIS	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	53,410 PSI	368 MPa	51,688 PSI	356 MPa	PSI	MPa
Mn	73,695 PSI	508 MPa	73,837 PSI	509 MPa	PSI	MPa
P	33.0 %	33.0 %	33.0 %	33.0 %	%	%
S	8 in	203 mm	8 in	203 mm	in	mm
Si	d	d	d	d	d	d
Cu	8 in	203 mm	8 in	203 mm	in	mm
Ni	8 in	203 mm	8 in	203 mm	in	mm
Cr	8 in	203 mm	8 in	203 mm	in	mm
Mo	8 in	203 mm	8 in	203 mm	in	mm
Cb	8 in	203 mm	8 in	203 mm	in	mm
V	8 in	203 mm	8 in	203 mm	in	mm
B	8 in	203 mm	8 in	203 mm	in	mm
Al	8 in	203 mm	8 in	203 mm	in	mm
Sn	8 in	203 mm	8 in	203 mm	in	mm
N	8 in	203 mm	8 in	203 mm	in	mm
Ti	8 in	203 mm	8 in	203 mm	in	mm

Customer Grade & Specs: A36-04
 44W, CSA50W, A70936
 ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN
 PARISH ON THIS _____ DAY OF _____, 20____

SIGNED

Mark Edwards

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Solfero, # 81887, Notary Public

1-800-535-7692 (USA)

MILL TEST REPORT

FROM NUCOR STEEL
A Division of NUCOR Corporation
Floyds, South Carolina

NUCOR steel

A Division of NUCOR Corporation
Telephone 843/393-5841

BILL OF LADING NO. 401141

PAGE 1

81 Printed: 5/08/14 10:05:03

Load # 53363

ROL # 401141

Prepaid

AT

P W

CUSTOMER 4336 80357106

INFRA-METALS

8 PENT HIGHWAY, TRACK H953
WALLINGFORD, CT
800-243-4410

INFRA-METALS

SHIP TO:
8 PENT HIGHWAY, TRACK H953
WALLINGFORD, CT
800-243-4410

P - 154 C - 90
80357106 104 Roll

SOLO TO:

06492

06492

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	EL	C	Mo	SI	S	P	V	DR	Cu	Cr	BA	Mo	CE
805016081	C17794HSS	5X	5/16 A36/36H	40' 00"	24	9,806	751835	74000	50000	24	.22	.70	.16	.040	.010	.004	.00	.42	.13	.11	.02	.40
805016086	C17794HSS	5X	5/16 A36/36H	40' 00"	24	9,888	751835	77000	53000	24	.22	.70	.16	.040	.010	.004	.00	.42	.13	.11	.02	.40
805016087	C17794HSS	5X	5/16 A36/36H	40' 00"	24	9,888	751835	76000	53000	24	.22	.70	.16	.040	.010	.004	.00	.42	.13	.11	.02	.40
805016233	C17794HSS	5X	3/8 A36/36H	40' 00"	20	9,840	751842	71000	53000	24	.21	.75	.15	.050	.010	.004	.00	.34	.14	.10	.02	.39
805016254	C17794HSS	5X	3/8 A36/36H	40' 00"	20	9,840	751842	75000	51000	25	.21	.75	.15	.050	.010	.004	.00	.34	.14	.10	.02	.39
805016277	C17794HSS	5X	3/8 A36/36H	40' 00"	20	9,840	751842	74000	50000	25	.21	.75	.15	.050	.010	.004	.00	.34	.14	.10	.02	.39
805029778	C17794HSS	4X	1/4 A36/36H	40' 00"	43	9,976	752854	76000	52000	25	.20	.64	.14	.030	.010	.001	.00	.34	.12	.10	.03	.36
805029779	C17794HSS	4X	1/4 A36/36H	40' 00"	43	9,976	752854	76000	52000	25	.20	.64	.14	.030	.010	.001	.00	.34	.12	.10	.03	.36
805043243	C17794HSS	4X	5/16 A36/36H	40' 00"	30	9,840	754024	76000	52000	29	.21	.70	.17	.040	.020	.004	.00	.41	.17	.11	.02	.39
805043250	C17794HSS	4X	5/16 A36/36H	40' 00"	30	9,840	754024	76000	52000	28	.21	.70	.17	.040	.020	.004	.00	.41	.17	.11	.02	.39

SLS-FRM-08 REVISION: 1 REVISION DATE: 8/10/97

Permanent post office address of shipper

NUCOR STEEL
P.O. BOX 526
DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA
MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL

J. H. Blevins
James H. Blevins
Chief Metallurgist

MILL TEST REPORT

FROM NUCOR STEEL
A Division of NUCOR Corporation
Floyds, South Carolina

nucor steel

A Division of NUCOR Corporation
Telephone 848/293-5841

BILL OF LADING NO. 401141

PRICE 2

Prepaid

801 N 401141

801 N 53385-

5/08/14 10:05:05

Load # 53385-

AT

P V

CUST# 4936 80357106

INVERA-METALS

SOLD TO: 8 FEET HIGHWAY, TRACK #353
WALLINGFORD, CT
800-243-4410 06492

INVERA-METALS

SHIP TO: 8 FEET HIGHWAY, TRACK #353
WALLINGFORD, CT
800-243-4410 06492

P - 154 C - 90

B0357106 104 Rail

Tag No.	P.O.	SLZ	Spec	Length	Pcs	Weight	Boat #	Field	EL	C	Mn	SI	S	P	V	MB	CU	CE	NI	MO	CE		
805043251	C17794HSS	4X	5/16 A36/36K	40' 00"	30	9,610	754024	76000	29	.21	.78	.17	.040	.020	.004	.00	.41	.17	.11	.02	.39		
805043252	C17794HSS	4X	5/16 A36/36K	40' 00"	30	9,640	754024	76000	29	.21	.70	.17	.040	.020	.004	.00	.41	.17	.11	.02	.39		
805043407	C17794HSS	4X	1/4 A36/36K	40' 00"	38	10,032	754027	71000	28	.19	.67	.15	.050	.020	.004	.00	.41	.15	.10	.02	.36		
805043408	C17794HSS	4X	1/4 A36/36K	40' 00"	38	10,032	754027	71000	28	.19	.67	.15	.050	.020	.004	.00	.41	.15	.10	.02	.36		
805043409	C17794HSS	4X	1/4 A36/36K	40' 00"	38	10,032	754027	71000	28	.19	.67	.15	.050	.020	.004	.00	.41	.15	.10	.02	.36		
805043418	C17794HSS	4X	1/4 A36/36K	40' 00"	38	10,032	754027	71000	28	.19	.67	.15	.050	.020	.004	.00	.41	.15	.10	.02	.36		
805043556	C17794HSS	4X	3/8 A36/36K	40' 00"	30	10,200	754048	74000	29	.21	.76	.16	.050	.020	.004	.00	.42	.18	.12	.03	.41		
805043557	C17794HSS	4X	3/8 A36/36K	40' 00"	30	10,200	754048	74000	29	.21	.76	.16	.050	.020	.004	.00	.42	.18	.12	.03	.41		
Total									530	179,024												Tons	89.512

Grade A36/A36K meets all requirements for grades ASIM #36, #35 GR50(365), #709 GR36(250), ASME S4836(250) and ASBIO #270 GR36(250)

RAILCAR #P 1.73 TRBU 9/30/05 DORZAVERI BLK-FAX 806/CARR ID 808 203/294-2993
RAILCAR MUST BE TAPPED!!! CALL DAVE DUDZINSKI FOR ADPI 808-243-4410
KCAR SHIP 66' GBDOLASK SCRF-FLORE-CSRT LOAD 493 MAX ON CSO
SHIP PREWARD (GRADE A36/36K OR CALL) SHIP MATERIAL RSR 90 TONS ROLLED
RAIL/PP

SLS-FRM-08 REVISION#1 REVISION DATE: 8/10/97

Permanent post office address of shipper

NUCOR STEEL
P.O. BOX 525
DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blev
James H. Blev
Chief Metallurgist

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

FLYD, South Carolina

SL Printed: 9/30/06 16:20:55

Load # 93049

BOC # 936666

NUCOR

BAR MILL GROUP
DARLINGTON DIVISION
 TELEPHONE 803-243-5541

BILL OF LADING NO.

630464
 PAGE 5

Prepaid

CSX703168

INFRA-METALS

SOLD TO: 6 PENT HIGHWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410 06492

SHIP TO: 6 PENT HIGHWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410 06492

P - 154 C - 30
 CSX703168 99 Rail

NUCOR STEEL SC FROM:

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	W	Mo	CE
406046913	C19426	6X 31/28	1/2 R36	40' 00"	15	9,180	763534	75000	52000	23	.20	.70	.16	.040	.010	.001	.00	.41	.13	.11	.03	.38
406046915	C19426	6X 31/28	1/2 R36	40' 00"	15	9,180	763536	76000	53000	22	.21	.77	.15	.050	.010	.002	.06	.37	.15	.11	.03	.60
406077376	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	25	.22	.72	.16	.040	.020	.005	.00	.64	.15	.10	.02	.81
406077358	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	78000	54000	26	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077361	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.65	.13	.10	.02	.39
406077362	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	78000	54000	26	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077363	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077365	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	78000	54000	23	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077366	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	28	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077367	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077368	C19426	4X 31/28	5/16 R36/36H	40' 00"	32	9,856	765041	77000	54000	25	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

17:21 09/30/2006 TO:88,2832942993

SIS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

Permanent address of shipper:
NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

MADE BY **INFRA-METALS** (803) 243-5521

[Signature]
 James H. Blev
 Chief Metallurgist

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Flak, South Carolina

BL Printed: 9/30/06 16:20:55

Load # 93043

SOI F 436463

436463
PAGE 7

BILL OF LADING NO.

Repair

R 7

CUST# 4936

INFR-METALS

CSMT705168

INFR-METALS

SOLD TO: 6 BENT HIGHWAY, TRACK H933
WELLINGFORD, CT
803-243-4410

SHPTO: 8 BENT HIGHWAY, TRACK H333
WELLINGFORD, CT
803-243-4410

P - 154 C - 30
CSMT705168 99 Reil

NUCOR STEEL SC

FROM:

Reg No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Yield	EL	C	Mn	Si	S	P	V	Bu	Cu	Cr	Ni	Mo	Ce
406077368	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077369	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077370	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077371	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077372	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077373	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077374	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077375	C19426	4X 31/2X	5/16 A36/36K	40'	00'	32	9,856 766041	77000	24	.21	.69	.16	.050	.010	.004	.00	.45	.13	.10	.02	.39

Total 547,176.056 TONS

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and ASME M270 GR36(250).
Grade A36/A36K meets all requirements for grades ASTM A36, A529 GR50(345), A709 GR36(250), ASME SA36(250) and ASME M270 GR36(250)

RAILCAR PP 1.99 ISRO 9/30/07 BORZAVERA BLK.FAR BOL/CARA ID 808 2C1/294-2393
RAILCAR MUST BE TRAPPED!!! CALL DAVE DUNZINSKI FOR APPI 800-243-4410
YCAN SBIP 66' GUMDOLASK SCRF-FLOOR-CSMT-WSPRI LOAD 263 FAR ON CSU
SBIP PREPAID (GRADE A36/36K DR-CALL) SBIP MATERIAL ASA 90 TONS ROLLED

SLS-FRM-08 REVISION:1 REVISID0 DATE: 8/10/97

Permanent address of shipper:

NUCOR
300 STEEL MILL ROAD
DARLINGTON, S.C. 29540

WELDING OR WELD-REPAIR WAS NOT PERFORMED ON THIS MATERIAL
MELTED AND MANUFACTURED IN THE USA
MERCURY, RADIIUM OR ALPHA-SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H Blaw
James H. Blaw
Chief Metallurgist

FORM NO. **CSMT705168** (000) 100-0421

17:21 09/30/2006 10:08,2032942993

PO# 17049

BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70068-1156
 Telephone (985) 652-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6**
 ACCORDANCE WITH

INVOICE NO. DATE **11/20/06**
 PRODUCT ANGLES CUST I-3443 -0002
 HEAT NO. 53146 24 Pob GRAD A3652950 -
 Length 40'0" SIZE L 5 X 5 X 5/16 X 10.3

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES	TEST 1		TEST 2		TEST 3	
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	YIELD STRENGTH	55,981 PSI	386 MPa	54,200 PSI	374 MPa		MPa
Mn	11 INSLC STRENGTH	73,205 PSI	505 MPa	71,431 PSI	493 MPa		MPa
P	ELONGATION	36.0 %	36.0 %	40.0 %	40.0 %		%
S	GAUGE LENGTH	8 in	203 mm	8 in	203 mm		mm
Si	BEND TEST DIAMETER	d	d	d	d		d
Cu	BEND TEST RESULTS	sq in	sq mm	sq in	sq mm		sq in
Ni	SPECIMEN AREA	%	%	%	%		%
Cr	REDUCTION OF AREA	ft-lbs	J	ft-lbs	J		ft-lbs
Mo	IMPACT STRENGTH						
Co							
V							
B							
Al							
Sn							
N							
Ti							
CI							
CE							

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN
 PARISH ON THIS _____ DAY OF _____, 20____

Mark Edwards
 SIGNED
 MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING
 THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Sciloux, # 81887, Notary Public

CERTIFIED TEST REPORT

40 pcs. = 10200

HEAT# B6181
 DATE SHIPPED 9/27/2006
 SHIPMENT# 02B5080
 SIZE: FL 5 X 3/4
 ORDER ITEM# 181278/ 01
 SOLD TO: INFRA-METALS CORP - CT
 FAX/EMAIL: 2032942993



BAR MILL-AUBURN
 NUCOR STEEL AUBURN, INC.

CUST. P.O. C20324
 PART #: FL001205
 GRADE : ASTM A36-05/CSA-44W
 SPEC A709-05A GR36
 SUPP. REQ:
 SHIP TO: INFRA-METALS CORP-CT

P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	NL	CR	MO	SN	V	CB	TI	B	N2	O2
200	660	180	016	043	350	0900	150	021	023	002	0030	0020	0015	XXX	002

I CERTIFY THESE RESULTS TO BE
 CORRECT AS CONTAINED IN THE
 RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME,
 DECLARES THAT: THESE RESULTS
 ARE CORRECT AS CONTAINED IN THE
 RECORDS OF NUCOR STEEL AUBURN, INC

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY
 WHEN REQUESTED

BC/05275
 131200

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN SAMPLE

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND	R.A.
K.S.I.	K.S.I.	LENGTH	INCH	PIN DIA	R.A.
47.40	70.60	8	32.5	0	0
45.90	71.00	8	29.4	0	0
MPa	MPa	GAUGE	% ELONG	BEND	R.A.
LENGTH	INCH	PIN DIA	R.A.		

Grain Size	Reduction Ratio	As-Rolled Hardness	D.I	C.F	C.I
XXX	XXX	XXX	.403	XXX	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J17	J18	J19	J20	J21	J22	J23	J24
J25	J26	J27	J28	J29	J30	J31	J32	J33	J34	J35	J36

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-07B GR. 36 AND AASHTO M183-08 GR.36

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 Darlington, South Carolina

Bl Printed: 7/21/06



Lead H 85851 BOL H 430963

BILL OF LADING NO.

430963 PAGE 1

Prepaid

8 7

Customer: 3336
 INFERAL-METALS
 CSMT705944

SOLD TO: 8 PENE BIGSBY, TRUCK #953
 WALLINGFORD, CT
 800-243-4610 06492

INFERAL-METALS

SHIP TO: 8 PENE BIGSBY, TRUCK #953
 WALLINGFORD, CT
 800-243-4610 06492

Tag No.	P.O.	Spec	Length	Pcs	Weight	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	CF	Al	MC	CF
405037619	C19415	A16/36H	20' 00"	28	4,998	52000	25	.21	.73	.18	.00	.020	.003	.00	.32	.14	.10	.02	.39
406037620	C19415	A16/36H	20' 00"	28	4,998	52000	25	.21	.73	.18	.00	.020	.003	.00	.32	.14	.10	.02	.39
405037658	C19415	A16/36H	20' 00"	28	4,998	52000	25	.21	.73	.18	.00	.020	.003	.00	.32	.14	.10	.02	.39
405037659	C19415	A16/36H	20' 00"	28	4,998	52000	25	.21	.73	.18	.00	.020	.003	.00	.32	.14	.10	.02	.39
405042356	C19555	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43
405042357	C19555	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43
405042358	C19555	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43
405042359	C19555	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43
405042360	C19461	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43
405042364	C19555	A525-50	20' 00"	30	4,920	55000	26	.22	.82	.18	.040	.023	.005	.00	.41	.17	.12	.03	.43

NUCOR STEEL, SC PAGE

12:45 07/21/2006 TO: 88,2832942993

SLS-PRK-08 REVISION 1: REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS THAT MAY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blev
 James H. Blev
 Chief Metallurgist

MADE BY 125-87028 (4507-200-422)

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

2344ds, South Carolina

81 Printed 7/21/06 17:05:11

Load # 85851

801 # 430963

BILL OF LADING NO.

430963
PAGE 2

Propaid

R J

NUCOR STEEL SC PAGE

CUST# 4916

INFRA-METALS

CSXT70594

INFRA-METALS

SOLD TO: B PENT HIGHWAY, TRACK #953

WALLINGFORD, CT

800-243-4410 06892

SHIP TO:

B PENT HIGHWAY, TRACK #953

WALLINGFORD, CT

800-243-4410 05892

P - 254 C - 90

CSXT705944

5 Rail

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	IL	C	Mn	Si	S	P	V	Nb	Cu	Ce	Bi	Mo	Co
406042367	C19555	6CX 8.2	A529-50	20' 00"	30	4,920	763242	81000	54000	26	.22	.82	.18	.040	.020	.005	.00	.44	.17	.12	.03	.43
406042350	C19555	6CX 8.2	A529-50	20' 00"	38	4,320	763244	83000	56000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042351	C19461	6CX 8.2	A529-50	20' 00"	30	4,920	763244	83000	56000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042352	C19555	6CX 8.2	A529-50	20' 00"	30	4,920	763244	83000	56000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406043690	C19415	5/8X 5	A36	20' 00"	24	5,104	763327	69000	47000	25	.18	.56	.15	.040	.010	.003	.00	.45	.15	.11	.03	.34
406043700	C19415	5/8X 5	A36	20' 00"	24	5,104	763327	69000	47000	25	.18	.56	.15	.040	.010	.003	.00	.45	.15	.11	.03	.34
406052085	C19426	2	A36	20' 00"	20	4,772	763938	69000	48000	26	.13	.68	.20	.040	.010	.005	.00	.27	.15	.10	.02	.31
406052105	C19426	2	A36	20' 00"	13	2,777	763938	69000	48000	26	.13	.68	.20	.040	.010	.005	.00	.27	.15	.10	.02	.30
40605382E	C19415	5/8X 8	A36	20' 00"	14	4,760	764020	67000	46000	26	.14	.56	.18	.040	.010	.004	.00	.35	.12	.12	.03	.29
406053827	C19415	5/8X 8	A36	20' 00"	14	4,760	764020	67000	46000	28	.14	.56	.18	.040	.010	.004	.00	.35	.12	.12	.03	.29

SLS-FRM-08 REVISION:1 REVISOR DATE: 8/10/07

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WE WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MENDED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J H B
 James H. Blev
 Chief Metallurgist

MADE BY **INFRA-METALS** (609) 208-4321

17:45 07/21/2006 10:88,2832942993

MILL TEST REPORT

FROM **NUCOR**
BEAR MILL DARLINGTON

Elizabethton, South Carolina

BL Printed: 7/21/06 17:05:14

Load # 85851

BOL # 430963

BILL OF LADING NO.

430963
 PRICE 3

Prepaid

NUCOR STEEL SC PAGE FROM:

CSX 4316
 INFR-METALS

SOLD TO: 8 PENT BIGWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410

SHIP TO: 8 PENT BIGWAY, TRACK #953
 WALLINGFORD, CT
 800-243-4410

INFR-METALS

Log No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	EL	C	Mn	SI	S	P	V	WB	CU	Cr	NI	Mo	CE
406053073	C19555	3X	3/16 A36/36M	20' 00"	85	5,219	764055	78000	55008	28	.19	.70	.17	.040	.110	.004	.00	.33	.16	.12	.03	.37
406053075	C19555	3X	3/16 A36/36M	20' 00"	85	5,219	764056	78000	55000	26	.18	.69	.16	.050	.070	.005	.00	.44	.20	.13	.03	.37
406053075	C19555	3X	3/16 A36/36M	20' 00"	85	5,219	764056	78000	51000	26	.18	.69	.16	.050	.020	.005	.00	.44	.20	.13	.03	.37
406053077	C19555	3X	3/16 A36/36M	20' 00"	85	5,219	764056	78000	51000	26	.18	.69	.16	.050	.020	.005	.00	.44	.20	.13	.03	.37
406054612	C19563	3/8X	8 A36/36M	20' 03"	24	4,896	764075	76000	52000	27	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
406054613	C19563	3/8X	8 A36/36M	20' 03"	24	4,896	764075	76000	52000	24	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
406054613	C19563	3/8X	8 A36/36M	20' 03"	24	4,896	764075	76000	52000	27	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
406054620	C19563	3/8X	8 A36/36M	20' 00"	20	4,856	764075	76000	52000	27	.23	.75	.14	.040	.010	.004	.00	.32	.13	.10	.02	.41
406054370	C19563	1/2X	8 A36	20' 00"	18	4,856	764157	76000	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39
406054371	C19563	1/2X	8 A36	20' 00"	18	4,856	764157	76000	51000	28	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39

SLS-FRN-08 REVISION:08:1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blaw
 James H. Blaw
 Chief Metallurgist

FORM BY **NUCOR** (409) 200-9521

17:45 07/21/2006 70:08,2832942993

MILL TEST REPORT
NUCOR
 FROM **BAR MILL DARLINGTON**
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

Field, South Carolina

Bl Printed: 7/21/06 17:05:14

Lead # 85851 201 K 430963

BILL OF LADING NO.

NUCOR
 BAR MILL GROUP
 DARLINGTON DIVISION
 TELEPHONE 843.762.6841

430963
 PAGE 4

2-epaid

8 J

NUCOR STEEL SC PAGE

CUST# 4936 CSX:TC5944

INFER-METALS

INFER-METALS

SOLD TO: R DEPT BIGWAY, TRACK F953
 WALLINGFORD, CT 06492

SHIP TO: R DEPT BIGWAY, TRACK H553
 WALLINGFORD, CT 06492

Job No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensile	Yield	IL	C	Mn	Si	S	P	V	Ub	Cu	Cr	Ni	Mo	CE
406054378	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	
406054375	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	
406054373	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	
406054381	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	
406054383	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	
406054385	C:9563	1/2X E	A36	20' 00"	18	4,836	764157	51000	27	.22	.70	.13	.040	.010	.001	.00	.35	.10	.12	.03	.39	

Total 1,101,175,537 Tons 87,798

Grade A36 meets all requirements for grades ASTM A36, A709 GR36(250), ASME SA36(250), and ASME N270 GR36(250).
 Grade A36/A36N meets all requirements for grades ASTM A36, A529 GR50(345), A709 GR36(250), ASME SA36(250) and ASME N270 GR36(250)

RAILCAR PP 1.84 IERU 9/30/06 HORZAVERTI BLC.FAK BCL/CARE TO BOB 203/234-2993
 RAILCAR MUST BE TRAPPED!!! CALL DAVE DADZINSKI FOR APPI 800-243-4410
 ACRN SHIP 66' COMBOLASH SCRF-FLORE-CSHI-NSPRI LGRD 263 MMR ON CSO.
 SEIP PREPAID (GRADE A36/36N OR CALL) SEIP MATERIALS. ASK 90 TONS ROLLED

SLS-FRM-08 REVISION:1 REVISION DATE: 6/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J
 James H. Slow
 Chief Metallurgist

MADE BY **NUCOR** (404) 200-5521

17:46 07/21/2006 10:58:2032942993

CERTIFIED TEST REPORT

CUST. P.O. C21038
 PART #: FLO00803
 GRADE : ASTM A36-05/CSA-44W
 SPEC A709-05A GR36
 SUPP. REQ:
 SHIP TO: INFRA-METALS CORP-CT

NUCOR
 BAR MILL - AUBURN
 NUCOR STEEL AUBURN, INC.
 P.O. BOX 2008
 QUARRY ROAD
 AUBURN, NY 13021

4B pcs. = 4896
 HEAT# B8331
 DATE SHIPPED 1/24/2007
 SHIPMENT# 0290416
 SIZE: FL 3 X 1/2 20' 0"
 ORDER ITEM# 185804/ 04
 SOLD TO: INFRA-METALS CORP - CT
 FAX#EMAIL: 2032942893

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	Ti	B	N2	O2
180	660	180	018	050	350	1000	130	035	023	002	0050	0020	0009	XXX	XXX

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
 STATE OF NEW YORK SS.
 COUNTY OF CAYUGA

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC



(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S. _____

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BC/02750
 131200

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	BEND PIN. DIA	% R.A.
47.70	71.70	8	33.8	.0	.0
46.90	71.00	8	32.5	.0	.0
MPa	MPa	GAUGE	% ELONG	BEND PIN. DIA	R.A.

Grain Size: _____ Reduction Ratio: XXX As-Balled Hardness: XXX D.I. XXX C.E. .383 C.I. XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
 ASTM A36 MATERIAL IS DUAL CERTIFIED TO
 ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

CERTIFIED TEST REPORT



BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

256 pcs. = 39152

HEAT# 88089

DATE SHIPPED 1/22/2007

SHIPMENT# 0290246

SIZE: FL 6 X 3/8 20' 0"

ORDER ITEM# 185804/ 01

SOLD TO: INFRA-METALS CORP - CT

FAX/EMAIL: 2032942993

CUST. P.O. C21038

PART #:

GRADE : ASTM A36-06/CSA-44W

SPEC A709-05A GR36

SUPP. REQ:

SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MIN	SI	P	S	CU	N	CR	MO	SN	V	CB	Ti	B	N2	O2
180	740	200	025	045	380	1000	170	035	014	000	0040	0010	0008	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	% ELONG	% BEND	R.A.
K.S.I.	K.S.I.	LENGTH	PIN DIA	PIN DIA	R.A.
51.40	74.50	8	32.5	.0	.0
50.30	73.40	8	33.8	.0	.0
MPa	MPa	GAUGE	% ELONG	% BEND	R.A.
LENGTH	PIN DIA	PIN DIA	R.A.	R.A.	R.A.

CHARPY IMPACT TEST

TEMP. F	FT.LB.	SUBSIZE SPECIMEN SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size	Reduction Ratio	As Rolled Hardness	D.I.	C.F.	C.I.
XXX	XXX	XXX	.409	XXX	XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT: THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

(Sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:

ASTM A36 MATERIAL IS DUAL CERTIFIED TO ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

CERTIFIED TEST REPORT



BAR HILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

80 pcs. = 10196

HEAT# B6194
DATE SHIPPED 10/18/2006
SHIPMENT# 0286071
SIZE: FL 5 X 3/8 20' 0"
ORDER ITEM# 182018/ 01
SOLD TO: INFRA-METALS CORP - CT
FAX#EMAIL: 2032942993

CUST. P.O. C20587
PART #:
GRADE : ASTM A36-05/CSA-44W
SPEC A709-05A GR36
SUPP. REQ:
SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	N2	O2
160	700	220	017	048	400	1100	170	025	047	002	0020	0020	0015	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
49.20	72.30	8	33.8	0	0
49.40	72.40	8	35.0	0	0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SURSIZE SPECIMEN SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size: XXX Reduction Ratio: XXX As Rolled Hardness: XXX J1-J12
D.I. C.F. C.I.
XXX .385 XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

BCJ03097
131200

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED, STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:
ASTM A36 MATERIAL IS DUAL CERTIFIED TO
ASTM A709-97B GR. 36 AND AASHTO M183-98 GR.36

CERTIFIED TEST REPORT



BAR MILL-AUBURN
NUCOR STEEL AUBURN, INC.

P.O. BOX 2008
QUARRY ROAD
AUBURN, NY 13021

240 pcs. = 24470

HEAT# 88292

DATE SHIPPED 1/24/2007

SHIPMENT# 0290419

SIZE: FL 4 X 3/8 20' 0"

ORDER ITEM# 184997/01

SOLD TO: INFRA-METALS CORP - CT

FAX#EMAIL: 2032942993

CUST. P.O. C20815

PART #: FL000604

GRADE: ASTM A36-05/CSA 44W

SPEC A709-05A GR36

SUPP. REC:

SHIP TO: INFRA-METALS CORP-CT

CHEMICAL ANALYSIS %

C	MN	SI	P	S	CU	NI	CR	MO	SN	V	CB	TI	B	M2	G2
160	730	160	013	036	360	0800	120	031	014	001	0020	0010	0007	XXX	XXX

MECHANICAL RESULTS

YIELD	TENSILE	GAUGE	%	BEND	%
K.S.I.	K.S.I.	LENGTH	ELONG	PIN DIA	R.A.
45.70	88.80	8	35.0	.0	.0
46.20	69.30	8	35.0	.0	.0
MPa	MPa	GAUGE	%	BEND	R.A.
		LENGTH	ELONG	PIN DIA	R.A.

CHARPY IMPACT TEST

TEMP. F	FT./LB.	SUBSIZE SPECIMEN	SAMPLE

I CERTIFY THESE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE COMPANY.

JIM BIERNAT, METALLURGIST
STATE OF NEW YORK SS.
COUNTY OF CAYUGA

Grain Size: Reduction Ratio: As Rolled Hardness: D1 C.F. C.I.
XXX XXX XXX .368 XXX

JOMINY END-QUENCH HARDENABILITY RESULTS (HRC)

J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11	J12
J13	J14	J15	J16	J18	J20	J22	J24	J26	J28	J30	J32

Jim Biernat

(print)

AFTER BEING DULY SWORN BY ME, I DECLARE THAT THESE RESULTS ARE CORRECT AS CONTAINED IN THE RECORDS OF NUCOR STEEL AUBURN, INC

Jim Biernat

(sign)

SUBSCRIBED AND SHOWN BEFORE ME

THIS _____ DAY OF _____

L.S.

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED

ALL MANUFACTURING PROCESSES FOR THIS STEEL, INCLUDING MELTING FROM SCRAP AND HOT ROLLING HAVE BEEN PERFORMED IN THE U.S.A. NO WELD REPAIR PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES.

DUAL CERTIFICATION

CUSTOMER SPECIAL INSTRUCTIONS:

ASTM A36 MATERIAL IS DUAL CERTIFIED TO ASTM A709-07B GR. 36 AND AASHTO M183-98 GR.36

BB/02840
131200

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

DARLINGTON, SOUTH CAROLINA

DATE: 9/23/96 10:15:10 TIME: 57:33

55432

BILL OF LADING NO.

Prepared

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION

TELEPHONE: 803-243-6410

55432

A 7

ORDER: CS8245533

INTRA-METALS

SOLD TO: 3 WEST BICENTENARY TRACK 4933
 WASHINGTON, DC
 200-243-6410

SHIP TO: 3 WEST BICENTENARY TRACK 4933
 WASHINGTON, DC
 200-243-6410

CS8245533 14 ROLL

Tag No.	P.C.	Size	Spec	Length	Pcs	Weight	Each H	Yield	SI	C	ME	SI	S	P	V	NI	CU	CS	NI	MO	CE
406057134	22310	31/2X	1/4 R36/36K	60' 30"	43	9,376	76552	56000	26	.18	.57	.13	.640	.010	.002	.00	.34	.15	.11	.07	.35
406057134	22310	31/2X	1/4 R36/36K	60' 30"	43	9,376	76552	56000	26	.18	.57	.13	.640	.010	.002	.00	.34	.15	.11	.07	.35
406057134	22310	31/2X	1/4 R36/36K	60' 30"	43	9,376	76552	56000	26	.18	.57	.13	.640	.010	.002	.00	.34	.15	.11	.07	.35
406057134	22310	31/2X	1/4 R36/36K	60' 30"	43	9,376	76552	56000	26	.18	.57	.13	.640	.010	.002	.00	.34	.15	.11	.07	.35
406057134	22315	4X	5/16 R36/36K	60' 00"	30	9,340	76464	76000	25	.22	.70	.14	.050	.020	.004	.00	.37	.14	.12	.13	.40
406057134	22315	4X	5/16 R36/36K	60' 00"	30	9,340	76464	76000	25	.22	.70	.14	.050	.020	.004	.00	.37	.14	.12	.13	.40
406057134	22315	4X	5/16 R36/36K	60' 00"	30	9,340	76464	76000	25	.22	.70	.14	.050	.020	.004	.00	.37	.14	.12	.13	.40
406057134	22315	4X	5/16 R36/36K	60' 00"	30	9,340	76464	76000	25	.22	.70	.14	.050	.020	.004	.00	.37	.14	.12	.13	.40
406057134	22315	4X	5/16 R36/36K	60' 00"	30	9,340	76464	76000	25	.22	.70	.14	.050	.020	.004	.00	.37	.14	.12	.13	.40

406057134 22315

406057134 22315

406057134 22315

406057134 22315

406057134 22315

NUCOR STEEL SC PAGE 002 OF 003

FROM:

11:37 09/28/2006 10:08, 2832942993

SLS-FRM-06 REVISION: REVISION DATE: 07/0/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA
 MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blevins
 James H. Blevins
 Chief Metallurgist

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON
 300 Steel Mill Road
 Darlington, S.C. 29540

NUCOR
BAR MILL GROUP
 DARLINGTON DIVISION
 1400 S. 21st St.
 Darlington, S.C. 29515

Roll Date: 5/28/76 10:24:55 1:14 4 2133 501 N 436248

BILL OF LADING NO.

634224
 PAGE 2

Prepaid

R 2

CUSTOMER: 4334 CSX7485536

INTER-METALS

SOLD TO: 8 PINE HIGHWAY, TRUCK #953
 WASHINGTON, CT
 200-743-8110 (5492)

SHIP TO: 8 WEST HIGHWAY, TRACK #953
 WASHINGTON, CT
 800-243-4410 (5492)

INTER-METALS

30360P X 40

Tag No.	Spec.	Size	Length	Pcs	Weight	Yield	EL	C	Mn	S	P	V	Ni	Cu	Cr	Mo	CE					
506074733 C20301	31/2X	5/16	336/36X	40' 00"	35	10,730	765863	76000	52000	26	.20	.74	.24	.040	.010	.005	.01	.60	.13	.12	.38	
506074721 C20301	31/2X	5/16	336/36X	40' 00"	35	10,580	765863	76000	52000	26	.20	.74	.24	.040	.010	.005	.01	.60	.13	.12	.38	
506074722 C20301	31/2X	5/16	336/36X	40' 00"	35	10,580	765863	76000	52000	26	.20	.74	.24	.040	.010	.005	.01	.60	.13	.12	.38	
506076535 C20215	4X	5/16	336/36X	40' 00"	30	9,840	765997	76000	52000	28	.20	.76	.24	.050	.020	.004	.00	.35	.17	.10	.12	.39
506076536 C20215	4X	5/16	336/36X	40' 00"	30	9,840	765997	76000	52000	28	.20	.76	.24	.050	.020	.004	.00	.35	.17	.10	.12	.39
506076537 C20215	4X	5/16	336/36X	40' 00"	30	9,840	765997	76000	52000	28	.20	.76	.24	.050	.020	.004	.00	.35	.17	.10	.12	.39

Total 605 178,356

Tons 89.453

Grade 36 meets all requirements for grades ASTM A36, A709 GR30(250), ASME SA36(250), and ASTM A270 CR36(250).
 Grade 36/36M meets all requirements for grades ASTM A36, A709 GR30(250), ASME SA36(250), and ASTM A270 CR36(250).

RAILCAR NO. 55 THRU 9/30/07 ECR&VERT BLK-FRK BOL/CORN TO BOB 203/294-2993
 RAILCAR MUST BE JARDED!!!
 XCAR SHIP 66' GONDOLASK SCRF-FLORE-CSX-NSPRI LORC 263 MAX CN CSO
 SHIP PREPAID (GRADE A36/36M OR C&L), SEND MATERIAL A5A 90 TONS ROLLED

SLS-FRK-08 REVISION: REVISION DATE: 6/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL

MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. B. E.
 James H. Biew
 Chief Metallurgist

MADE BY **NUCOR** (409) 200-6521

NUCOR STEEL SC PAGE 003 OF 003

11:37 09/28/2006 10:08,2032942993

436464
YF02

Prepaid

436464
801 H 436464

9/30/06 16:20:55

436464
801 H 436464

B 7



MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
31 Pilatrod: 9/30/06 16:20:55

801 H 436464
436464

436464
801 H 436464

436464
801 H 436464

INFRRA-METALS
SHIP TO: E PERT BICWAY, TRACK R553
WALLINGFORD, CT
800-243-4410

INFRRA-METALS
SHIP TO: E PERT BICWAY, TRACK R553
WALLINGFORD, CT
800-243-4410

INFRRA-METALS
SHIP TO: E PERT BICWAY, TRACK R553
WALLINGFORD, CT
800-243-4410

INFRRA-METALS
SHIP TO: E PERT BICWAY, TRACK R553
WALLINGFORD, CT
800-243-4410

Tag No.	P.O.	Size	Spec	Length	PCS	Weight	Heat #	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	Ni	Mo	CE
406077376	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077358	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077361	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077362	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077363	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077365	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077366	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077367	C19426	4X 31/28	5/16 R36/36M	40' 00"	32	9,856	76504	77000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

FROM: NUCOR STEEL SC

SLS-FRM-08 REVISION:1 REVISION DATE: 8/10/97

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
MELTED AND MANUFACTURED IN THE USA
MERCURY, RADIUM OR ALPHA-SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

Permanence address of shipper:
NUCOR
300 STEEL MILL ROAD
DARLINGTON, S.C. 29540

J. H. Shaw
James H. Shaw
Chief Metallurgist

PRINTED BY: 800-243-4410

17:21 09/30/2006 10:08,2032942993

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Blades, South Carolina

81 Printed: 5/30/06 16:20:55

Lead H. 33043

SOI F

436961

BILL OF LADING NO.

Prepaid

636464
PAGE 7

R J

CUSTOMER 4936
INFERR-NEIRLS
CSXT705168

SOLD TO: B PENT BICENARY, TRACK H953
WILLINGFORD, CT
803-243-4410 06492

SHP TO: B PENT BICENARY, TRACK H953
WILLINGFORD, CT
803-243-4410 06492

15FRR-METALS

P - 154 C - 30

CSXT705168 99 Reil

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cf	Al	Mo	CE
406077368	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077369	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077370	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077371	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077372	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077373	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077374	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39
406077375	C19426	4X 31/2X	5/16 A36/36X	40' 00"	32	9,856	766041	77000	54000	24	.21	.69	.14	.050	.010	.004	.00	.45	.13	.10	.02	.39

Total 542 176,036

Tons 88.028

Grade A36 meets all requirements for grades A36, A709 GR35(250), ASME SR36(250), and ARSETO M270 CR36(250).
Grade A36/36X meets all requirements for grades ASTM A36, A572 GR50(365), A709 CR36(250), ASME SR36(250) and ARSETO M270 CR36(250)

RAILCAR PP 1.99 THRU 9/30/07 REZAVERTI BLK.FAR BOL/CARR TO SOB 2E3/294-2953
RAILCAR MUST BE TARPED!!! CALL DAVE DODZINSKI FOR APPI 800-263-4410
1CAN SHIP 66' CONDOLERSK SCRF-FLORE.-CSXI-WSRRI LOAD 263 TON ON CSO
SHIP PREPAID (GRADE A36/36X OR CALL) SHIP MATERIAL A59 90 TONS ROLLED

SLS-FRM-BB REVISION: 1 REVISION DATE: 8/10/97

Permanent address of shipper:

NUCOR
300 STEEL MILL ROAD
DARLINGTON, S.C. 29540

WELDING OR WELD-REPAIR WAS NOT PERFORMED ON THIS MATERIAL
MELTED AND MANUFACTURED IN THE USA

MERCURY RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

MADE BY **NUCOR** (A07) 200-4371

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blaw
James H. Blaw
Chief Metallurgist

FROM: NUCOR STEEL SC

17:21 09/30/2006 10:08:20Z2942993

MILL TEST REPORT

FROM: **NUCOR**
BAR MILL DARLINGTON
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

FLORAS, South Carolina

BL Printed: 6/17/06 14:11:11

Lot # 81458 BOL # 428250

BILL OF LADING NO.

428250
PAGE

PREPAID

CSX1483126

INFRRA-METALS

SOLD TO: B DEWY HIGHWAY, TRUCK #553
 WALLINGFORD, CT
 800-243-4410 06492

SHIP TO: B DEWY HIGHWAY, TRUCK #553
 WALLINGFORD, CT
 800-243-4410 06492

INFRRA-METALS

Tag No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Cr	H ₂	Mo	CE
406041068	C19321	31/28	JX 5/16 A36/36H	40' 00"	38	10,032	763110	50000	25	.21	.72	.16	.080	.010	.003	.00	.39	.13	.11	.01	.39
406041069	C19321	31/28	JX 5/16 A36/36H	40' 00"	38	10,032	763110	50000	24	.21	.72	.16	.080	.010	.003	.00	.39	.13	.11	.01	.39
406041071	C19013	31/28	JX 5/16 A36/36H	40' 00"	38	10,032	763110	50000	25	.21	.72	.16	.080	.010	.003	.00	.39	.13	.11	.01	.39
406041072	C19321	31/28	JX 5/16 A36/36H	40' 00"	38	10,032	763110	50000	24	.21	.72	.16	.080	.010	.003	.00	.39	.13	.11	.01	.39
406041073	C19321	31/28	JX 5/16 A36/36H	40' 00"	38	10,032	763110	50000	25	.21	.72	.16	.080	.010	.003	.00	.39	.13	.11	.01	.39
406042206	C19387	6CK 8.2	A529-50	40' 00"	30	9,840	763244	50000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042207	C19387	6CK 8.2	A529-50	40' 00"	30	9,840	763244	50000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042208	C19387	6CK 8.2	A529-50	40' 00"	30	9,840	763244	50000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042209	C19387	6CK 8.2	A529-50	40' 00"	30	9,840	763244	50000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40
406042210	C19387	6CK 8.2	A529-50	40' 00"	30	9,840	763244	50000	21	.20	.78	.15	.040	.020	.004	.00	.48	.17	.11	.03	.40

FROM: NUCOR STEEL SC PAGE 002 OF 003

15:38 06/17/2006 10:08, 2032942993

SCS-FRM-08 REVISION 11 REVISION DATE: 6/10/05

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR WAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

[Signature]

James H. New
 Chief Metallurgist

PRINTED BY: [060] 205-3321

MILL TEST REPORT

FROM **NUCOR**
BAR MILL DARLINGTON

Elizabethtown, South Carolina

DL Printed: 6/17/06 10:11:11

Load # 61468

BOL # 428250

BILL OF LADING NO.

428250
PAGE 2

Prepaid

NUCOR STREET SC PAGE 003 OF 003

Cust# 4936 CSX185126

INFRA-METALS

INFRA-METALS

SOLD TO: 8 PENT HIGHWAY, TRACK #553
 WALLINGFORD, CT
 800-243-4410 06497

SHIP TO: 8 PENT HIGHWAY, TRACK #553
 WALLINGFORD, CT
 800-243-4410 06492

P - 154 C - 90
 CSX185126 5 Rail

Ingr No.	P.O.	Size	Spec	Length	Pcs	Weight	Heat #	Tensil	Yield	EL	C	Mn	Si	S	P	V	Nb	Cu	Co	HA	Mo	CE
406042211	C19387	6CX 8.2	A529-50	40' 00"	30	9,840	763244	82000	56000	21	.20	.70	.15	.040	.020	.001	.00	.48	.17	.11	.03	.40
406042214	C19387	6CX 8.2	A529-50	40' 00"	30	9,840	763245	78000	53000	25	.21	.73	.16	.050	.020	.003	.00	.49	.16	.12	.03	.61
406042220	C19387	6CX 8.2	A529-50	40' 00"	30	9,840	763245	77000	51000	25	.21	.73	.16	.050	.020	.003	.00	.49	.16	.12	.03	.61
406043224	C19387	6CX 10.5	A529-50	40' 00"	24	19,080	763276	78000	54000	25	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61
406043225	C19387	6CX 10.5	A529-50	40' 00"	24	19,080	763276	73000	52000	28	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61
406043227	C19387	6CX 10.5	A529-50	40' 00"	24	19,080	763276	73000	52000	28	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61
406043228	C19387	6CX 10.5	A529-50	40' 00"	24	19,080	763276	73000	52000	28	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61
406043223	C19387	5CX 10.5	A529-50	40' 00"	18	7,560	763276	73000	53000	28	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61
406043230	C19387	5CX 10.5	A529-50	40' 00"	12	5,040	763276	73000	52000	28	.21	.71	.15	.040	.010	.003	.00	.53	.17	.17	.03	.61

Total 556 181,800

Tons 90.900

Grade #36/A16N meets all requirements for grades A516 #36, A529 GR50(345), 0709 GR36(250), A516 GR36(250) and A516 GR36(250)

RAILCAR PP 1-84 TRBU 9/30/06 MORZAVERT BLK.FRR BOL/CARR TU 808 2037294-2493
 RAILCAR MUST BE INJECTED CALL DAVE DUDZINSKI FOR APPI 800-243-4410
 KCRB SHIP 66' GORODLASK SCRF-FLORE-CSXI-WSFRI LMRD 243 HAR OH CSO
 SHIP PREPAID (GRADE #36/36H DR CHCL) SHIP MATERIAL A5A 90 TONS ROLLED

SIS-FRM-08 REVISION 11 REVISION DATE: 6/10/97

Permanent address of shipper:

NUCOR
 300 STEEL MILL ROAD
 DARLINGTON, S.C. 29540

WELDING OR WELD REPAIR HAS NOT PERFORMED ON THIS MATERIAL
 MELTED AND MANUFACTURED IN THE USA

MERCURY, RADIUM OR ALPHA SOURCE MATERIALS IN ANY FORM HAVE
 NOT BEEN USED IN THE PRODUCTION OF THIS MATERIAL

WE HEREBY CERTIFY THAT THE ABOVE FIGURES ARE CORRECT
 AS CONTAINED IN THE RECORDS OF NUCOR STEEL.

J. H. Blaw
 James H. Blaw
 Chief Metallurgist

MADE BY **EXCEL** (406) 200-5521



BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70069-1156
 Telephone (504) 652-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6**
 ACCORDANCE WITH

INVOICE NO.
 PRODUCT **UNEQUAL ANGLES**
 HEAT NO. **53282 182 Fcb**
 Length **40'0"**

DATE **11/28/06**
 Cust **I-3443 -0002**
 GRAD **A3652950 -**
 SIZE **U 7 X 4 X 3/8 X 13.6**

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

PO: C19261

CHEMICAL ANALYSIS	MECHANICAL PROPERTIES		TEST 1		TEST 2		TEST 3		
		IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	.12	53,410 PSI	368 MPa	51,688 PSI	356 MPa	51,688 PSI	356 MPa	51,688 PSI	356 MPa
Mn	.94	73,695 PSI	508 MPa	73,837 PSI	509 MPa	73,837 PSI	509 MPa	73,837 PSI	509 MPa
P	.020	33.0 %	33.0 %	33.0 %	33.0 %	33.0 %	33.0 %	33.0 %	33.0 %
S	.034	8 in	203 mm	8 in	203 mm	8 in	203 mm	8 in	203 mm
Si	.19	d	d	d	d	d	d	d	d
Cu	.41	sq in	sq mm	sq in	sq mm	sq in	sq mm	sq in	sq mm
Ni	.19	%	%	%	%	%	%	%	%
Cr	.28	ft-lbs	J	ft-lbs	J	ft-lbs	J	ft-lbs	J
Mo	.060								
Co	.004								
V	.000								
B									
Al									
Sn	.007								
N									
Ti									

IMPACT STRENGTH		INTERNAL CLEANLINESS		GRAIN SIZE	
AVERAGE	TEST TEMP	SEVERITY	FREQUENCY	HARDNESS	REDUCTION RATIO
		J	C		

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:

SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN

PARISH ON THIS _____ DAY OF _____, 20____

Mark Edwards

SIGNED

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING THIS REPORT TO THE SALES DEPARTMENT.

Michael E. Sotileau, # 81887, Notary Public

1-800-535-7892 (USA)

PO# 17663



BAYOU STEEL CORPORATION
 RIVER ROAD P.O. BOX 5000
 LA PLACE, LOUISIANA 70069-1156
 Telephone (985) 852-4900

MATERIAL CERTIFICATION REPORT
 INFRA-METALS CO.
 8 PENT HIGHWAY
 WALLINGFORD, CT 06492

INFRA METALS CO.
 #8 PENT HIGHWAY
 WALLINGFORD, CT 06492

TESTED IN **ASTM A6**
 ACCORDANCE WITH

INVOICE NO. DATE **11/28/06** PO: **C19261**
 PRODUCT **UNEQUAL ANGLES** CUST I-**3443 -0002**
 HEAT NO. **53282 182 Pcs** GRADE **A3652950 -**
 Length **40'0"** SIZE **U 7 X 4 X 3/8 X 13.6**

CHEMICAL ANALYSIS	TEST 1		TEST 2		TEST 3	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
C	53,410 PSI	368 MPa	51,688 PSI	356 MPa	PSI	MPa
Mn	73,695 PSI	508 MPa	73,837 PSI	509 MPa	PSI	MPa
P	33.0 %	33.0 %	33.0 %	33.0 %	%	%
S	8 in	203 mm	8 in	203 mm	in	mm
Si	d	d	d	d	d	d
Fe	eq in	sq mm	eq in	sq mm	sq in	sq mm
Cu	%	%	%	%	%	%
Ni	ft.-lbs	J	ft.-lbs	J	ft.-lbs	J
Cr						
Mo						
.060						
.004						
.000						
.007						
CI	INTERNAL CLEANLINESS		GRAIN SIZE HARDNESS			
CE	ft.-lbs F	SEVERITY FREQUENCY RATING	GRAIN PRACTICE REDUCTION RATIO			

Customer Grade & Specs: **A36-04**
44W, CSA50W, A70936
ASME SA36

A529-04 GRADE 50

I HEREBY CERTIFY THAT THE MATERIAL TEST RESULTS PRESENTED HERE ARE FROM THE REPORTED HEAT AND ARE CORRECT. ALL TESTS WERE PERFORMED IN ACCORDANCE TO THE SPECIFICATIONS REPORTED ABOVE. ALL STEEL IS ELECTRIC FURNACE MELTED, MANUFACTURED, PROCESSED, AND TESTED IN THE U.S.A WITH SATISFACTORY RESULTS, AND IS FREE OF MERCURY CONTAMINATION IN THE PROCESS.

NOTARIZED UPON REQUEST:
 SWORN TO AND SUBSCRIBED BEFORE ME IN AND FOR ST. JOHN
 PARISH ON THIS _____ DAY OF _____, 20____

Mark Edwards
 SIGNED

MARK EDWARDS, QUALITY ASSURANCE SUPERVISOR

DIRECT ANY QUESTIONS OR NECESSARY CLARIFICATIONS CONCERNING
 THIS REPORT TO THE SALES DEPARTMENT.

1-800-535-7692 (USA)

Michael E. Soliman, # 81887, Notary Public