

KC

SHIPPING ORDER 351115

11:48 08/01/05

Page 1 of 1  
INFRA-METALS CO  
8 PENT HIGHWAY  
WALLINGFORD, CT 06492  
203-294-2980

207-324-2877

RUBIN 28

RUBB INC  
1 RUBB ROAD  
SANFORD, ME 04073

8-8-05

RUBB INC  
P O BOX 711 SANFORD AIRPORT  
SANFORD, ME 04073

DATE REC'D ACK. DATE

PURCHASE ORDER# TERMS  
28881 JES 1/2 10 NET 30 8/05/05 8/21/05

F.O.B.

DELIVERED

SHIP VIA OUR TRUCK

ORDERED DESCRIPTION

QTY	DESCRIPTION	UNIT	WEIGHT
1	12 X 6 X 3/16 REC TUBE (.188 X 20' 0" B17797	WPL	444
1	12 X 6 X 3/16 REC TUBE (.188 X 22' 0" B17797	WPL	489
4	10 X 4 X 3/16 REC TUBE (.188 X 40' 0" B17797	WPL	3535
4	12 X 6 X 3/16 REC TUBE (.188 X 48' 0" B17797	WPL	3285

MTRS REQUIRED - 1116000 LB MAX LIFTS!!!  
ALL MATERIAL CONFORMS TO THE REQUIREMENTS  
ON THE PO NUMBER REFERENCED ABOVE.  
Job Name: 05014 MERRILLS  
GC: RUBB INC.

Totals

Carrier: Kennedy 7023

Delivery Date:

Piece Count: 10 AM / PM

Time Signed Out:

Driver Signature:

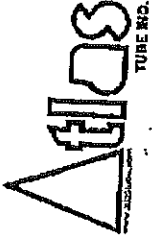
\*\*\*VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR\*\*\*

\*\*\*All discrepancies MUST be reported within 24 hours\*\*\*

Customer Signature: Ken 8-8-05

Piece Count:

7773



200 Clark Street, Marrow, Ontario, Canada N0R 1G0  
Tel: (519) 738-5000 Fax (519) 736-5087  
Sold to

Infré-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

**MATERIAL TEST REPORT**

Ref: B/L: 80155194  
Date: 07.25.2005  
Customer: 81

Shipped to  
Infré-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

120350-188 x 24

Material: 3.5x2.5x188x24\*0\*0(15x3)PB-D  
Sales order: 169745  
Heat No: C Mn P S Si Al  
4092D 0.170 0.760 0.009 0.005 0.020 0.030  
Bundle No: Yield Tensile  
M300190130 060469 Psi 072868 Psi  
Material Note:  
Sales Or.Note:

Material No. B177970W  
Purchase Order B177970W  
Cu 0.050  
Mo 0.010  
Ni 0.030  
Cr 0.040  
V 0.003  
Certification  
ASTM A500-03A GRADE C & B

35025188  
Cust Material #  
Made in USA

Material: 12.0x4.0x188x45\*0\*0(1x1)REC  
Sales order: 169853  
Heat No: C Mn P S Si Al  
632660 0.176 0.893 0.015 0.004 0.170 0.016  
Bundle No: Yield Tensile  
M200227649 062050 Psi 075100 Psi  
Material Note:  
Sales Or.Note:

Material No. B177970W  
Purchase Order B177970W  
Cu 0.113  
Mo 0.000  
Ni 0.049  
Cr 0.000  
V 0.000  
Certification  
ASTM A500-03A GRADE C & B

120040188  
Cust Material #  
Made in Canada

Material: 12.0x6.0x188x22\*0\*0(1x1)REC  
Sales order: 169863  
Heat No: C Mn P S Si Al  
30417940 0.190 0.400 0.007 0.006 0.010 0.000  
Bundle No: Yield Tensile  
M200247904 057540 Psi 070850 Psi  
Material Note:  
Sales Or.Note:

Material No. B177970W  
Purchase Order B177970W  
Cu 0.000  
Mo 0.000  
Ni 0.000  
Cr 0.000  
V 0.000  
Certification  
ASTM A500-03A GRADE C & B

120060188  
Cust Material #  
Made in Canada

Material: 12.0x6.0x188x20\*0\*0(1x1)REC  
Sales order: 169853  
Heat No: C Mn P S Si Al  
3251D 0.170 0.730 0.010 0.005 0.020 0.028  
Bundle No: Yield Tensile  
B693035 069550 Psi 073120 Psi  
Material Note:  
Sales Or.Note:

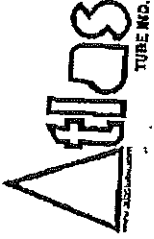
Material No. B177970W  
Purchase Order B177970W  
Cu 0.040  
Mo 0.010  
Ni 0.020  
Cr 0.020  
V 0.003  
Certification  
ASTM A500-03A GRADE C & B

120060188  
Cust Material #  
Made in Canada



Steel Service Center Institute

Standards Council of Canada  
Conseil canadien des normes



TUBE, INC.

200 Clark Street, Marlow, Ontario, Canada N0R 1B0  
Tel: (519) 738-5000 Fax (519) 738-5087

Sold to  
Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

Ref:EL-80155194  
Date:07.25.2005  
Customer:81

Shipped to  
Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

10350-188 x 24

Material: 3.5x2.5x188x24-0-0(5x3)PB-D  
Sales order: 169745 Purchase Order: B177970W Material No.: 35025188 Made in USA  
Heat No: 4092D C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.170 0.760 0.009 0.005 0.020 0.030 0.050 0.000 0.010 0.030 0.040 0.003  
Bundle No: Yield Tensile  
M200190130 060469 Psi 072868 Psi 29.7 %  
Material Note:  
Sales Or.Note:

Material: 12.0x4.0x188x45-0-0(1x1)REC  
Sales order: 169853 Purchase Order: B177970W Material No.: 120040188 Made in Canada  
Heat No: C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.175 0.693 0.015 0.004 0.170 0.016 0.113 0.000 0.000 0.049 0.000 0.000  
Bundle No: Yield Tensile  
M200227649 062050 Psi 075100 Psi 28.4 %  
Material Note:  
Sales Or.Note:

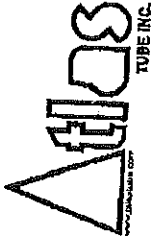
Material: 12.0x6.0x188x22-0-0(1x1)REC  
Sales order: 169863 Purchase Order: B177970W Material No.: 120060188 Made in Canada  
Heat No: C Mn P S Si Al Cu Cb Mo Ni Cr V  
30417940 0.190 0.400 0.007 0.006 0.010 0.000 0.000 0.000 0.000 0.000 0.000  
Bundle No: Yield Tensile  
M200247904 057540 Psi 070850 Psi 29.0 %  
Material Note:  
Sales Or.Note:

Material: 12.0x6.0x188x20-0-0(1x1)REC  
Sales order: 169853 Purchase Order: B177970W Material No.: 120060188 Made in Canada  
Heat No: C Mn P S Si Al Cu Cb Mo Ni Cr V  
3251D 0.170 0.730 0.010 0.005 0.020 0.028 0.040 0.000 0.010 0.020 0.020 0.003  
Bundle No: Yield Tensile  
B695035 059650 Psi 073120 Psi 26.6 %  
Material Note:  
Sales Or.Note:



Authorized by  
Steel Tube  
Institute  
BY NATIONAL

Standards Council of Canada  
Conseil canadien des normes



200 Clark Street, Harrow, Ontario, Canada N0R 1G0  
Tel: (519) 738-5000 Fax: (519) 738-5087

Sold to  
Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

**MATERIAL TEST REPORT**

Ref:IL:80158194  
Date:07.29.2005  
Customer:81

Shipped to  
Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

*10056x10*

**Material:** 3.5x3.5x375x40"0"0"5x2L.  
**Sales order:** 169852  
**Heat No:** C  
**Min:** 0.210  
**P:** 0.850  
**S:** 0.013  
**S:** 0.008  
**Yield:** 0.013  
**Min:** 0.020  
**Al:** 0.026  
**Elm.Zin:** 27.5 %  
**Bundle No:** M100411147  
**Yield:** 069190 Psi  
**Tensile:** 083310 Psi  
**Material Note:**  
**Sales Or.Note:**

**Purchase Order:** B17797KM  
**Material No.:** B17797KM  
**Cust Material #:** 35033764000  
**Made in Canada:**

**C:** Cb Mo Ni Cr V  
 0.000 0.010 0.020 0.030 0.003  
**Certification:**  
 ASTM A500-03A GRADE C & B

**Material:** 10.0x4.0x188x48"0"0"2x4f.  
**Sales order:** 169853  
**Heat No:** C  
**Min:** 0.170  
**P:** 0.820  
**S:** 0.007  
**S:** 0.007  
**Yield:** 0.016  
**Min:** 0.010  
**Al:** 0.048  
**Tensile:** 067210 Psi  
**Elm.Zin:** 30.8 %  
**Bundle No:** M100413998  
**Yield:** 055690 Psi  
**Tensile:** 067210 Psi  
**Material Note:**  
**Sales Or.Note:**

**Purchase Order:** B17797OW  
**Material No.:** B17797OW  
**Cust Material #:** 1000401884900  
**Made in Canada:**

**C:** Cb Mo Ni Cr V  
 0.000 0.002 0.011 0.026 0.000  
**Certification:**  
 ASTM A500-03A GRADE C & B

*10x14x3/16*

**Material:** 12.0x6.0x188x40"0"0"2x4f.  
**Sales order:** 169853  
**Heat No:** C  
**Min:** 0.160  
**P:** 0.780  
**S:** 0.015  
**S:** 0.015  
**Yield:** 0.060  
**Min:** 0.059  
**Tensile:** 076110 Psi  
**Elm.Zin:** 26.5 %  
**Bundle No:** M200255784  
**Yield:** 063350 Psi  
**Tensile:** 076110 Psi  
**Material Note:**  
**Sales Or.Note:**

**Purchase Order:** B17797OW  
**Material No.:** B17797OW  
**Cust Material #:** 1200601884000  
**Made in Canada:**

**C:** Cb Mo Ni Cr V  
 0.000 0.005 0.080 0.030 0.004  
**Certification:**  
 ASTM A500-03A GRADE C & B

*100500-188-44*

**Material:** 5.625x188x40"7x1HARR  
**Sales order:** 168252  
**Heat No:** C  
**Min:** 0.180  
**P:** 0.810  
**S:** 0.017  
**S:** 0.007  
**Yield:** 0.012  
**Min:** 0.045  
**Tensile:** 070610 Psi  
**Elm.Zin:** 26.3 %  
**Bundle No:** M100415514  
**Yield:** 056224 Psi  
**Tensile:** 070610 Psi  
**Material Note:**  
**Sales Or.Note:**

**Purchase Order:** C17314 CO  
**Material No.:** C17314 CO  
**Cust Material #:** R066251884000  
**Made in Canada:**

**C:** Cb Mo Ni Cr V  
 0.000 0.003 0.013 0.026 0.000  
**Certification:**  
 ASTM A500-03A GRADE C & B



Authorized by **Infra-Metals Corporation**  
**Steel Tube Institute**  
 OF NORTH AMERICA  
**Steel Service Center Institute**

Standard Canada  
 of Canada  
 Equivalences  
 des normes

#495

We Cover The World™



BUILDING SYSTEMS

# PURCHASE ORDER

REF 28825

JES

Ship To:  RUBB INC.

P.O. BOX 711, 1 RUBB LANE  
SANFORD, ME 04073

TEL: 207-324-2877 FAX: 207-324-2347  
 Other

Infra Metals

TO:

#05014 Merrills

Attn: Oak

203-294-2993

DATE OF ORDER	DATE REQUIRED	SHIPPED VIA	F.O.B. POINT	PREPAID	COLLECT	TAXABLE	TAX EXEMPT	TERMS
QTY. ORDERED	QTY. RECEIVED	STOCK NUMBER/DESCRIPTION		UNIT PRICE		AMOUNT		
7-8-05								
15	15	6" Sch 40 Pipe - 6.62500 x 45'		48		95		
		.280 wall						
		- A500						
		- 50K min Yield						
		- Mill Certs Req.						
		Sec Complet dr 7-12-05						

BY:

AUTHORIZED SIGNATURE

1. Please send \_\_\_\_\_ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above.
3. Notify us immediately if you are unable to ship as specified.

WHITE ORIGINAL

YELLOW COPY

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Metals USA

Plates & Shapes Northeast  
Plates & Shapes - Seekonk  
10 Tower Road  
Seekonk, MA 02771  
Tel: 508 399-8500 Fax: 508 399-6120

**INVOICE 054768**

Account	805653
Invoiced	23Jun05
Due	23Jul05

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RECEIVED JUN 27 2005

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RUBB INC.  
RUBB BUILDING SYSTEMS  
P.O. BOX 711 / 1 RUBB LANE  
SANFORD, ME. 04073

Metals USA  
Plates & Shapes Northeast, LP  
P.O. Box 827110  
Philadelphia, PA 19182-7110

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RUBB INC.  
RUBB BUILDING SYSTEMS  
P.O. BOX 711 / 1 RUBB LANE  
SANFORD, ME. 04073

Ship Date	Order Date	Sales Order	Bill of Lading	PO/Release
23-Jun05	20-Jun05	D -103879		28627
Terms	1/2% 10 NET 30		Freight	Via
SalesPerson	PREPAID			BEST WAY NE

**RON MORIN /RON MORIN**

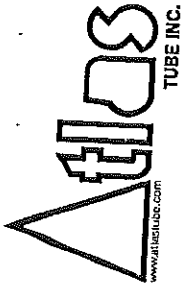
1 Carbon Rectangular Tubing 500B NAFTA  
4 x 6 x 3/16 X 44'  
DIRECT SHIPMENT-MATL  
45,370 LBS @ 42.5000 CWT  
86 PCS  
3,784 FT  
45,370 LBS  
19,282.25

05014-10-STZ 19282.25

192034

\*\*\*\*\*

Material	Processing	Freight	Other	Taxes	TOTAL DUE
19,282.25					19282.25
Discount: 96.41 if paid by 03Jul05					



200 Clarks Street Harrow, Ontario, Canada NOR 1G0  
 Tel.: (519) 738-5000 Fax (519) 738-5087  
 Metals USA - Northeast, L.P.

10 Tower Road  
 SEEKONK MA 02771  
 USA

**Material Test Report**

Ref.B/L:80156245  
 Date:06.27.2005  
 Customer:801

Shipped to  
 Rubb Inc.  
 1 Rubb Lane  
 SANFORD ME 04073  
 USA

Material: 6.0x4.0x188x44"0"0(3x3).  
 Sales order: 165942  
 Heat No: C  
 30418370  
 Bundle No: M100406665  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.180	0.570	0.008	0.003	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Yield	Tensile										
064070 Psi	074210 Psi										
				Eln.2in	26.8 %						

Material No. SKO-1227  
 Purchase Order SKO-1227  
 60040188  
 Cust Material #  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Material: 6.0x4.0x188x44"0"0(3x3).  
 Sales order: 165942  
 Heat No: C  
 30418370  
 Bundle No: M100406670  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.180	0.570	0.008	0.003	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Yield	Tensile										
064070 Psi	074210 Psi										
				Eln.2in	26.8 %						

Material No. SKO-1227  
 Purchase Order SKO-1227  
 60040188  
 Cust Material #  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Material: 6.0x4.0x188x44"0"0(3x3).  
 Sales order: 165942  
 Heat No: C  
 30418370  
 Bundle No: M100406667  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.180	0.570	0.008	0.003	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Yield	Tensile										
064070 Psi	074210 Psi										
				Eln.2in	26.8 %						

Material No. SKO-1227  
 Purchase Order SKO-1227  
 60040188  
 Cust Material #  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Material: 6.0x6.0x188x44"0"0(4x2).  
 Sales order: 165942  
 Heat No: C  
 300479  
 Bundle No: M100407515  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.160	0.810	0.016	0.014	0.080	0.057	0.040	0.000	0.003	0.010	0.020	0.004
Yield	Tensile										
050890 Psi	062180 Psi										
				Eln.2in	33.3 %						

Material No. SKO-1227  
 Purchase Order SKO-1227  
 60060188  
 Cust Material #  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

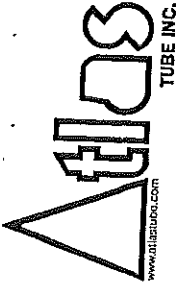
Authorized by Quality Assurance:

Steel Tube Institute  
 OF NORTH AMERICA

Page : 2 Of 3  
 Standards Council of Canada  
 Conseil canadien des normes

Steel Service Center Institute





200 Clark Street, Harrow, Ontario, Canada NOR 1G0  
 Tel.: (519) 738-5000 Fax (519) 738-5087  
 Metals USA - Northeast, L.P.

10 Tower Road  
 SEEKONK MA 02771  
 USA

### Material Test Report

Ref.B/L:80156245  
 Date:06.27.2005  
 Customer:801

Shipped to  
 Rubb Inc.  
 1 Rubb Lane  
 SANFORD ME 04073  
 USA

Material: 6.0x6.0x188x44"0"(3x3).  
 Sales order: 165942  
 Heat No: C  
 300479  
 Bundle No: M100407517  
 Material Note:  
 Sales Or.Note:

P	Min	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.160	0.810	0.016	0.014	0.080	0.057	0.040	0.000	0.003	0.010	0.020	0.004

Tensile: 062180 Psi  
 Eln.2in: 33.3 %  
 Certification: ASTM A500-03A GRADE C & B  
 Purchase Order: SKO-1227  
 Material No.: 60060188  
 Made in Canada

Material: 6.0x6.0x188x44"0"(3x3).  
 Sales order: 165942  
 Heat No: C  
 300509  
 Bundle No: M100407517  
 Material Note:  
 Sales Or.Note:

P	Min	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.160	0.780	0.015	0.015	0.130	0.059	0.060	0.000	0.005	0.080	0.030	0.004

Tensile: 068380 Psi  
 Eln.2in: 34.3 %  
 Certification: ASTM A500-03A GRADE C & B  
 Purchase Order: SKO-1227  
 Material No.: 60060188  
 Made in Canada

Material: 6.0x6.0x188x44"0"(4x2).  
 Sales order: 165942  
 Heat No: C  
 300479  
 Bundle No: M100407516  
 Material Note:  
 Sales Or.Note:

P	Min	P	S	Si	Al	Cu	Cb	Mo	Ni	Cr	V
0.160	0.810	0.016	0.014	0.080	0.057	0.040	0.000	0.003	0.010	0.020	0.004

Tensile: 062180 Psi  
 Eln.2in: 33.3 %  
 Certification: ASTM A500-03A GRADE C & B  
 Purchase Order: SKO-1227  
 Material No.: 60060188  
 Made in Canada

Authorized by Quality Assurance.



Steel Service Center Institute

Standards Council of Canada  
 Conseil canadien des normes





INFRA-METALS CO

8 PENT HIGHWAY  
WALLINGFORD, CT 06492  
203-294-2980

SHIPPING ORDER 348616

17:26 07/08/05

RUBIN 28

207-324-2877

RUBB INC

P O BOX 711 SANFORD AIRPORT  
SANFORD, ME 04073

RUBB INC  
1 RUBB ROAD  
SANFORD, ME 04073

SHIP VIA

F.O.B.

PURCHASE ORDER# TERMS

DATE REQ'D ACK. DATE

OUR TRUCK

DELIVERED

28825 JES

1/2 10 NET 30

7/12/05 7/08/05

ORDERED DESCRIPTION

LOC WEIGHT

15 6 SCHD 40 PIPE-OD 6.625 X 45' 0"

R116760 217 12805

MTRS REQUIRED - !!!16000 LB MAX LIFTS!!!  
ALL MATERIAL CONFORMS TO THE REQUIREMENTS  
ON THE PO NUMBER REFERENCED ABOVE.  
Job Name: 05014 MERRILLS  
GC: RUBB INC

Chery 7-12

5 15 Totals 12805

Carrier: Quincy 57 Delivery Date: 7/12/05  
Piece Count: 15 Driver Signature: \_\_\_\_\_

Time Signed Out: \_\_\_\_\_ AM / PM

\*\*\*VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR\*\*\*

\*\*\* ALL discrepancies MUST be reported within 24 hours \*\*\*

Piece Count: \_\_\_\_\_ Customer Signature: [Signature]

[Handwritten]

Page 1 of 1  
FRANK METALS CO  
8 PENT HIGHWAY  
WALLINGFORD, CT 06492  
203-294-2980

SHIPPING ORDER 348616

17:26 07/08/05

RUBIN 28 207-324-2877

RUBB INC  
P O BOX 711 SANFORD AIRPORT  
SANFORD, ME 04073

RUBB INC  
1 RUBB ROAD  
SANFORD, ME 04073

SHIP VIA F.O.B. PURCHASE ORDER# TERMS DATE REQ'D ACK. DATE  
OUR TRUCK DELIVERED 28825 JES 1/2 10 NET 30 7/12/05 7/08/05  
ORDERED DESCRIPTION 6 SCHD 40 PIPE-OD 6.625 X 45'0" R116750 217 12805

15 158853  
WTRS REQUIRED - !!!16000 LB MAX LIFTS!!!!  
ALL MATERIAL CONFORMS TO THE REQUIREMENTS  
ON THE PO NUMBER REFERENCED ABOVE.  
Job Name: 05014 MERRILLS  
GC: RUBB INC

5 15 Totals 12805

Carrier: Quincy 57 Delivery Date: 7/12/05  
Piece Count: 15 Driver Signature: \_\_\_\_\_  
Time Signed Out: \_\_\_\_\_ AM / PM

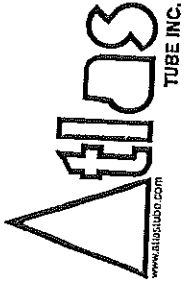
\*\*\*VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR\*\*\*

\*\*\* All discrepancies MUST be reported within 24 hours \*\*\*

Piece Count: \_\_\_\_\_ Customer Signature: [Signature]

INSPECTED BY

Bob Jr



200 Clark Street, Harrow, Ontario, Canada N0R 1G0  
 Tel: (519) 738-5000  
 Metals USA - Northeast, L.P.  
 Fax (519) 738-5087

10 Tower Road  
 SEEKONK MA 02771  
 USA

# Material Test Report

Ref.B/L:80156245  
 Date:06.27.2005  
 Customer:801

Shipped to  
 Rubb Inc.  
 1 Rubb Lane  
 SANFORD ME 04073  
 USA

Material: 6.0x6.0x188x44"0"0(3x3).  
 Sales order: 165942  
 Heat No: 300479  
 Bundle No: M100407517  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Mo	Ni	Cr	V
0.160	0.810	0.016	0.014	0.080	0.057	0.040	0.000	0.003	0.010	0.020
Yield		Tensile		Eln.2in						
050890 Psi		062180 Psi		33.3 %						

Material No. SKO-1227  
 Purchase Order  
 Cust Material # 60060188  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Material: 6.0x6.0x188x44"0"0(3x3).  
 Sales order: 165942  
 Heat No: 300509  
 Bundle No: M100407517  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Mo	Ni	Cr	V
0.160	0.780	0.015	0.015	0.130	0.059	0.060	0.000	0.005	0.080	0.030
Yield		Tensile		Eln.2in						
056950 Psi		068380 Psi		34.3 %						

Material No. SKO-1227  
 Purchase Order  
 Cust Material # 60060188  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Material: 6.0x6.0x188x44"0"0(4x2).  
 Sales order: 165942  
 Heat No: 300479  
 Bundle No: M100407516  
 Material Note:  
 Sales Or.Note:

C	Mn	P	S	Si	Al	Cu	Mo	Ni	Cr	V
0.160	0.810	0.016	0.014	0.080	0.057	0.040	0.000	0.003	0.010	0.020
Yield		Tensile		Eln.2in						
050890 Psi		062180 Psi		33.3 %						

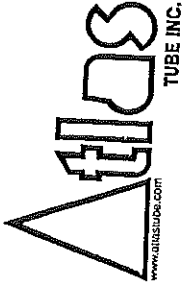
Material No. SKO-1227  
 Purchase Order  
 Cust Material # 60060188  
 Made in Canada  
 Certification  
 ASTM A500-03A GRADE C & B

Authorized by Quality Assurance:



Steel Service Center Institute

Standards Council  
 of Canada  
 Conseil canadien  
 des normes



200 Clark Street, Harrow, Ontario, Canada NOR 1G0  
 Tel: (519) 738-5000 Fax: (519) 738-5087  
 Metals USA - Northeast, L.P.

10 Tower Road  
 SEEKONK MA 02771  
 USA

# Material Test Report

Ref.B/L:80156245  
 Date:06.27.2005  
 Customer:801

Shipped to  
 Rubb Inc.  
 1 Rubb Lane  
 SANFORD ME 04073  
 USA

Material: 5.0x4.0x188x44'0"(4x3).  
 Sales order 165942 Purchase Order SKO-1227 Material No. 50040188 Made in Canada  
 Heat No C Mn P S Si Al Cu Cb Mo Ni Cr V  
 0163557 0.190 0.840 0.014 0.005 0.019 0.039 0.030 0.000 0.000 0.000 0.000 0.000  
 Bundle No Yield Tensile Eln.2in  
 M100408417 061050 Psi 075710 Psi 32.4 %  
 Material Note:  
 Sales Or.Note: ASTM A500-03A GRADE C & B

Material: 5.0x4.0x188x44'0"(2x2).  
 Sales order 165942 Purchase Order SKO-1227 Material No. 50040188 Made in Canada  
 Heat No C Mn P S Si Al Cu Cb Mo Ni Cr V  
 0163557 0.190 0.840 0.014 0.005 0.019 0.039 0.030 0.000 0.000 0.000 0.000 0.000  
 Bundle No Yield Tensile Eln.2in  
 M100408419 061050 Psi 075710 Psi 32.4 %  
 Material Note:  
 Sales Or.Note: ASTM A500-03A GRADE C & B

Material: 5.0x4.0x188x44'0"(4x3).  
 Sales order 165942 Purchase Order SKO-1227 Material No. 50040188 Made in Canada  
 Heat No C Mn P S Si Al Cu Cb Mo Ni Cr V  
 0163557 0.190 0.840 0.014 0.005 0.019 0.039 0.030 0.000 0.000 0.000 0.000 0.000  
 Bundle No Yield Tensile Eln.2in  
 M100408418 061050 Psi 075710 Psi 32.4 %  
 Material Note:  
 Sales Or.Note: ASTM A500-03A GRADE C & B

Material: 6.0x4.0x188x44'0"(3x3).  
 Sales order 165942 Purchase Order SKO-1227 Material No. 60040188 Made in Canada  
 Heat No C Mn P S Si Al Cu Cb Mo Ni Cr V  
 30418370 0.180 0.570 0.008 0.003 0.030 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
 Bundle No Yield Tensile Eln.2in  
 M100406666 064070 Psi 074210 Psi 26.8 %  
 Material Note:  
 Sales Or.Note: ASTM A500-03A GRADE C & B

Authorized by Quality Assurance:



Steel Service Center Institute



**INFRA-METALS CO**

8 PENT HIGHWAY  
WALLINGFORD, CT 06492  
203-294-2980

INVOICE NO. 437600

RUBIN 28

207-324-2877

RUBB INC

P O BOX 711 SANFORD AIRPORT  
SANFORD, ME 04073

RUBB INC  
1 RUBB ROAD  
SANFORD, ME 04073

SHIP VIA	F.O.B.	PURCHASE ORDER#	TERMS	DATE SHIPPED	INV. DATE
LJK	DELIVERED	28881	JES	1/2 10 NET 30	8/25/05
QTY	DESCRIPTION	WEIGHT	PRICE	AMOUNT	
3	12 X 4 X 3/16 REC TUBE(.188 X 45'0"	2654	46.95	1246.05	
1	12 X 4 X 3/16 REC TUBE(.188 X 45'0"	885	46.95	415.51	

MTRS ENCLOSED - !!!:6000 LB MAX LIFTS!!!!  
ALL MATERIAL CONFORMS TO THE REQUIREMENTS  
ON THE PO NUMBER REFERENCED ABOVE.  
Job Name: 05014 MERRILLS  
GC: RUBB INC.

T o t a l s 3539

\$1,661.56

#####  
# THIS FAX COPY IS YOUR ORIGINAL INVOICE #  
#####  
# PLEASE NOTE NEW REMITTANCE ADDRESS: #  
# INFRA-METALS CO. #  
# 12912 COLLECTIONS CENTER DRIVE #  
# CHICAGO, IL 60693 #  
#####

CARBON STEEL WARNING! PARTICULATES MAY BE HARMFUL  
TO LUNGS - REFER TO M.S.D.S. FOR MORE INFORMATION.

477-14  
05014-10-STL \$1061.56



We Cover The World™

**RUBB**

**BUILDING SYSTEMS**

*Infra Metals*

# PURCHASE ORDER

№ 28881

Ship To:

RUBB INC.

P.O. BOX 711, 1 RUBB LANE  
SANFORD, ME 04073

TEL: 207-324-2877 FAX: 207-324-2347

Other

*JES*

TO:

*Attn: Oak*

*203-294-2993*

*05014 Merrills*

*End Steel.*

DATE OF ORDER	DATE REQUIRED	SHIPPED VIA	F.O.B. POINT	PREPAID	COLLECT	TAXABLE	TAX EXEMPT	TERMS	STOCK NUMBER/DESCRIPTION	UNIT PRICE		AMOUNT
										NO.		
<i>7-26-05</i>												
<i>2</i>	<i>2</i>								<i>TS 12x6x 1/4 x 48</i>	<i>46</i>	<i>95</i>	
<i>9</i>	<i>9</i>								<i>TS 12x6x 1/4 x 45'</i>	<i>46</i>	<i>95</i>	
<i>5</i>	<i>5</i>								<i>TS 12x6x 3/16 x 40'</i>	<i>46</i>	<i>95</i>	
<i>4</i>	<i>9/10/4</i>								<i>TS 12x4x 3/16 x 48' <sup>#45 Fr</sup></i>	<i>46</i>	<i>95</i>	
<i>4</i>	<i>4</i>								<i>TS 10x4x 3/16 x 48'</i>	<i>46</i>	<i>95</i>	
									<i>incomplete 8.2.05 JC</i>			
									<i>- A500C</i>			
									<i>- Mill Certs Req.</i>			
									<i>Rec. incomplete JC 8.8.05</i>			
									<i>Rec. Complete 8/26/05 - MC</i>			

- Please send \_\_\_\_\_ copies of your invoices.
- Order is to be entered in accordance with prices, delivery and specifications shown above.
- Notify us immediately if you are unable to ship as specified.

BY: 

AUTHORIZED SIGNATURE

WHITE ORIGINAL

YELLOW COPY

**INFRA-METALS CO**  
8 PENT HIGHWAY  
WALLINGFORD, CT 06492  
203-294-2980

SHIPPING ORDER 351116

11:48 08/01/05

RUBIN 28 207-324-2877

RUBB INC  
P.O. BOX 711 SANFORD AIRPORT  
SANFORD, ME 04073

RUBB INC  
1 RUBB ROAD  
SANFORD, ME 04073

SHIP VIA	F.O.B.	PURCHASE ORDER#	TERMS	DATE REQ'D	ACK. DATE
OUR TRUCK	DELIVERED	28681	JES	1/2 10 NET 30	8/08/05 8/01/05
ORDERED	DESCRIPTION			LOC	WEIGHT

4	12 X 4 X 3/16	REC TUBE (.188 X 45" O.D.)	817797	3539
---	---------------	----------------------------	--------	------

MTRS REQUIRED - 1116000 LB MAX LIFTS!!!  
ALL MATERIAL CONFORMS TO THE REQUIREMENTS  
ON THE PO NUMBER REFERENCED ABOVE.

Job Name: 05014 MERRILLS  
GC: RUBB INC.

Carrier: CTK 7282 Totals 3539

Piece Count: 4 Driver Signature: [Signature] Delivery Date: \_\_\_\_\_

Time Signed Out: \_\_\_\_\_ AM / PM

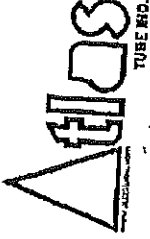
\*\*\*VERIFY LOAD, YOU ARE RESPONSIBLE FOR WHAT YOU SIGN FOR\*\*\*

\*\*\*All discrepancies MUST be reported within 24 hours\*\*\*

Piece Count: 4 Customer Signature: [Signature]

Rubb Inc 8/26/05





200 Clark Street, Harrow, Ontario, Canada N0R 1G0  
Tel: (519) 738-5000 Fax (519) 738-5087  
Sold to

Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

MATERIAL TEST REPORT

Ref: L180758194  
Date: 07.29.2005  
Customer: 81

Shipped to  
Infra-Metals Corporation  
8 Pent Highway  
WALLINGFORD CT 06492  
USA

10350-188 x 24

Material: 3.5x2.5x188x24\*0\*(5X3)PB-D  
Sales order: 169745 Purchase Order: B177970W Material No.: 35025188  
Heat No: 4002D C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.170 0.760 0.009 0.005 0.020 0.030 0.050 0.000 0.010 0.030 0.040 0.003  
Yield Tensile  
060469 Psi 072868 Psi  
Material Note: Eln.Zin 29.7 %  
Sales Or.Note: ASTM A500-03A GRADE C & S

Material: 12.0x4.0x188x45\*0\*(1x1)REC  
Sales order: 169853 Purchase Order: B177970W Material No.: 120040188  
Heat No: 632660 C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.175 0.853 0.015 0.004 0.170 0.016 0.113 0.000 0.000 0.049 0.000 0.000  
Yield Tensile  
062050 Psi 075100 Psi  
Material Note: Eln.Zin 28.4 %  
Sales Or.Note: ASTM A500-03A GRADE C & S

Material: 12.0x6.0x188x22\*0\*(1x1)REC  
Sales order: 169863 Purchase Order: B177970W Material No.: 120060188  
Heat No: 3047940 C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.190 0.400 0.007 0.006 0.010 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
Yield Tensile  
057540 Psi 070850 Psi  
Material Note: Eln.Zin 29.0 %  
Sales Or.Note: ASTM A500-03A GRADE C & S

Material: 12.0x6.0x188x20\*0\*(1x1)REC  
Sales order: 169853 Purchase Order: B177970W Material No.: 120060188  
Heat No: 3231D C Mn P S Si Al Cu Cb Mo Ni Cr V  
0.170 0.730 0.010 0.005 0.020 0.028 0.040 0.000 0.010 0.020 0.020 0.003  
Yield Tensile  
058550 Psi 073120 Psi  
Material Note: Eln.Zin 26.5 %  
Sales Or.Note: ASTM A500-03A GRADE C & S



Steel Service Center Institute

Standard Council of Canada  
Conseil canadien  
des normes



K. L. JACK & CO.  
1-800-639-8805  
145 WARREN AVENUE  
PORTLAND ME 04103

# INVOICE

DATE	INVOICE NO.
08/18/05	579264-01

Invoice To: 96

Ship To: 1

RUBB  
PO BOX 711  
SANFORD ME 04073

RUBB  
SANFORD AIRPORT  
OLD AIRPORT ROAD  
SANFORD ME 04073

P. O. Number	Ord Date	Slsmn	F. O. B.	Qty	Ord Qty	B/O	Qty	Shp	Freight	Terms	Opr
28970	08/08/05	00026	PTLD WAREHOUSE						PREPAID		SAC
				001	430	0	430	430	Price/UM		Amount
									8.99EA		3865.70
137CNA3G				002	430	0	430	430	319.00C		1371.70
1 3/8-6 A325 HVY NUT (A563 DH or 2H) HOT DIP GALV											

\*THERE IS A \$3.00 FUEL SURCHARGE FOR DELIVERIES VIA OUR TRUCK\*

4405-509

05014-10-HDW 5237.40

INVOICE TERMS	CONTACT	TOTAL AMT DEPOSIT	MISC CG	FREIGHT	TAXES	AMOUNT DUE
NET 60	BOB	5237.40				5237.40

We Cover The World™



BUILDING SYSTEMS

# PURCHASE ORDER

NE 28970

JES

Ship To:  RUBB INC.

P.O. BOX 711, 1 RUBB LANE  
SANFORD, ME 04073

TEL: 207-324-2877 FAX: 207-324-2347  
 Other

KL Jack.

TO:

Attn: Steve

SP.

#05014 Merrills

DATE OF ORDER	DATE REQUIRED	SHIPPED VIA	F.O.B. POINT	PREPAID	COLLECT	TAXABLE	TAX EXEMPT	TERMS
QTY. ORDERED	QTY. RECEIVED	STOCK NUMBER/DESCRIPTION		UNIT PRICE		AMOUNT		
8-9-05	1 week							
430	430 <sup>90</sup>	" 1 3/8 X 4 A325 HDG w/Bolt + Nut.		1218	00			
335	335	" 1 X 3 " " "		214	12			
60	60	" 3/4 X 2 1/4 " " "		94	17			
1050	1050	" 3/4 X 2 " " "		90	28			
250	250	" 7/8 X 1 3/4 " " "		58	26			
75	75	" 3/4 A325 HDG Flat Washer		12	68			
5	5	" 1 " " " "		14	80			
		- North American.						

- Please send \_\_\_\_\_ copies of your invoice.
- Order is to be entered in accordance with prices, delivery and specifications shown above.
- Notify us immediately if you are unable to ship as specified.

flc  
8/17/05  
MB

BY: AUTHORIZED SIGNATURE

WHITE ORIGINAL

YELLOW COPY



(207)-797-8031

Bill To

--	--

8/16/2005

Shipper / PO#

10001209

Freight Bill No

Shipper

KL JACK 145 WARREN AVE PORTLAND ME 04103
--

RUBB/ SANFORD AIRPORT OLD AIRPORT RD SANFORD ME 04073
---

Consignee

C/L Pro	C/L Amt	Legh Amt	COD Amt
---------	---------	----------	---------

Pieces HM Description

1  PLT OF MISC BOLTS 7 BOXES

Weight  
1537

Rate

Prepaid

Collect

1537

Delivery Date	Consignee (Signature) Rec In Good Order	Print Name	Driver
---------------	---	------------	--------

20314 8/12

K.L. JACK / CHEMFAST, LLC  
145 WARREN AVE  
PORTLAND ME 04103  
207-878-3600



**K.L. Jack**

Industrial Fasteners & Supplies  
ChemFast Chemicals for Industry  
SeaTech W.R. Grace Waterproofing

SHIP TO	SHIP TO NUMBER
1	579254-01

SOLD TO: 96  
JBB  
PO BOX 711  
SANFORD ME 04073

SHIP TO: 1  
RUBE  
SANFORD AIRPORT  
OLD AIRPORT ROAD  
SANFORD ME 04073

APP. SLS	CONTACT	TERMS	DEPOSIT	DATE SHIPPED	DATE WANTED	SHIP VIA	TOTAL FREIGHT
AC 00025	BOB	NET 60		08-16-05			
3970		08/08/05	08/05/05	PILD WAREHOUSE	BEST WAY	PREPAID	
137C400BA3G							
3/8-6 X 4 BOLT A325 H.D.G.		08/05/05	001	430 FC	430		
37CNA3G							
3/8-6 A325 HVY NUT (A563-DH or 2H) HOT DIP GALV		08/05/05	002	430 FC	430		

502437

*Bob / 8/17/05*

55014-10-DN 5207.46

RECEIVED BY	PACKED BY	CHECKED BY	KEGS	CARTONS	WEIGHT

PLEASE PRINT CLEARLY

PACKING LIST/CUSTOMER

K.L. JACK & CO.  
 1-800-639-8805  
 145 WARREN AVENUE  
 PORTLAND ME 04103

# INVOICE

DATE	INVOICENO.
08/11/05	579264-00

Invoice To: 96

Ship To: 1

RUBB  
 PO BOX 711  
 SANFORD ME 04073

RUBB  
 SANFORD AIRPORT  
 OLD AIRPORT ROAD  
 SANFORD ME 04073

*Handwritten initials: VNS*

P.O. Number	Ord Date	Slsmn	F.O.B.	Ship Via	Freight Terms	Opr		
28970	08/08/05	00026	PTLD WAREHOUSE	BEST WAY	PREPAID	SAC		
Item Number/Description	Qty	Ord	Qty	B/O	Qty	Shp	Price/UM	Amount
*137C400BA3G	001	430	430	430	0	0	8.99EA	0.00
1 3/8-6 X 4 BOLT A325 H. D. G.								
137CMA3G	002	430	430	430	0	0	319.00C	0.00
1 3/8-6 A325 HVY NUT (A563 DH OR 2H) HOT DIP GALV								
100C300BA3G	003	335	0	0	√335	0	214.12C	717.30
1-8 X 3 A325 STRUCTURAL BOLT (W/NUT) HOT DIP GALV								
75C225BA3G	004	60	0	0	√ 60	0	94.17C	56.50
3/4-10 X 2 1/4 A325 STRUCTURAL BOLT (W/NUT) H. D. G.								
75C200BA3G	005	1050	0	0	√1050	0	90.28C	947.94
3/4-10 X 2 A325 STRUCTURAL BOLT (W/NUT) H. D. G.								
62C175BA3G	006	250	0	0	√ 250	0	58.26C	145.65
5/8-11 X 1 3/4 A325 STRUCTURAL BOLT (W/NUT) H. D. G.								
75NWA3G/DOM	007	75	0	0	√ 75	0	12.68C	9.51
3/4 A325 FLAT WASHER DOMESTIC HDG								
100NWA3G	008	5	0	0	√ 5	0	14.80C	0.74
1" A325 FLAT WASHER HOT DIP GALV								

\*THERE IS A \$3.00 FUEL SURCHARGE FOR DELIVERIES VIA OUR TRUCK\*

*Handwritten: 05014-10-HDW 1877 64*

INVOICE TERMS	CONTACT	TOTAL AMT DEPOSIT MISC CG FREIGHT	TAXES	AMOUNT DUE
NET 60	BOB	1877.64	1877.64	1877.64



# PURCHASE ORDER

NO 28970

Ship To:  RUBB INC.

P.O. BOX 711, 1 RUBB LANE  
SANFORD, ME 04073

TEL: 207-324-2877 FAX: 207-324-2347  
 Other

JES

K L Jack.

TO:

ATTN: Steve. SP. F05014 Merrills

DATE OF ORDER	DATE REQUIRED	SHIPPED VIA	F.O.B. POINT	PREPAID	COLLECT	TAXABLE	TAX EXEMPT	TERMS
QTY. ORDERED	QTY. RECEIVED	STOCK NUMBER/DESCRIPTION		UNIT PRICE		AMOUNT		
8-9-05	1 week.							
430								
335	335							
60	60							
1050	1050							
250	250							
75	75							
5	5							

1 3/8 x 4 A325 HDG w/Bolt + Nut 1218 ~~00~~ 100

1" x 3" " " " 214 ~~12~~ 100

3/4 x 2 1/4 " " " " 194 17

3/4 x 2 " " " " 90 28

5/8 x 1 3/4 " " " " 58 26

3/4 A325 HDG Flat Washer 12 68

1" " " " " 14 80

- North American.

1. Please send \_\_\_\_\_ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above.
3. Notify us immediately if you are unable to ship as specified.

BY: AUTHORIZED SIGNATURE

WHITE ORIGINAL  
YELLOW COPY



**EXPRESS**  
FALMOUTH, ME

Shipper / PO#

579264-00

Pickup Date

8/9/2005

Freight Bill No

10001035

Consignee

RUBB  
SANFORD AIRPORT  
SANFORD ME 04073

Shipper

KL JACK  
145 WARREN AVE  
PORTLAND ME 04103

CL Pro

CL Amt

Pieces *HM Description*

1  SKID NUTS & BOLTS-12 PCS

Legh Amt

Weight

1100

Rate

Prepaid

Collect

1

1100

Delivery Date

Consignee (Signature) Rec In Good Order Print Name

Driver

K.L. JACK / CHEMFAST, LLC  
145 WARREN AVE  
PORTLAND ME 04103



**K.L. Jack**  
Industrial Fasteners & Supplies

ChemFast Chemicals for Industry  
SeaTech W.R. Grace Waterproofing

207-878-3600

SOLD TO: 96

JEB  
PO BOX 711  
SANFORD ME 04073

\*\*\* DUPLICATE \*\*\*  
SHIP TO: 1

RUBB  
SANFORD AIRPORT  
OLD AIRPORT ROAD  
SANFORD ME 04073

QTY	SLS	CONTACT	TERMS	DEPOSIT	DATE SHIPPED	TOTAL FREIGHT
	QC	00026	BOB	NET 60		
P.O. NUMBER						
3970		08/08/05	08/05/05	PTLD WAREHOUSE	BEST WAY L	PREPAID
ITEM NUMBER/DESCRIPTION						
137C400BA36		08/05/05	001	430 PC		430
37CNA36		08/05/05	002	430 PC		430
3/8-6 A325 HVY NUT (A563 DH OR 2H) HOT DIP GALV		08/05/05	003	335 PC		602437
10C300BA36		08/05/05	003	335 PC		602437
1/8 X 3 A325 STRUCTURAL BOLT (W/NUT) HOT DIP GALV		126	654731 026E	60 PC		659777
10C225BA36		08/05/05	004	60 PC		659777
1/4-10 X 2 1/4 A325 STRUCTURAL BOLT (W/NUT) H.D.G.		325	656326 026F	325		628833
651504 026H		37	656330 X	325		651505
10C200BA36		08/05/05	005	1050 PC		679357
1/4-10 X 2 A325 STRUCTURAL BOLT (W/NUT) H.D.G.		500	679681 026C	500		628832
656325 X		50	671465 X-500	200		679357
10C175BA36		08/05/05	006	250 PC		628832
1/8-11 X 1 3/4 A325 STRUCTURAL BOLT (W/NUT) H.D.G.		600	656318 028I	600		656317
638421 X						
CONTINUED						
RECEIVED BY _____						
PLEASE PRINT CLEARLY						
PACKING LIST / CUSTOMER						
PICKED BY _____						
CHECKED BY _____						
KEGS _____						
CARTONS _____						
WEIGHT _____						



**K-I Bolt Manufacturing Company, Inc.®**  
 1150 Katy Fort-Bend Road  
 Katy, Texas 77494  
 Ph: 281-391-2196 Fax: 281-391-2673

3/15/05

**Company:**  
 Gulf Coast Fasteners  
**Part Description:**  
 600 pcs 1 3/8 X 4" Heavy Hex Bolts  
**Material Specification:**  
 ASTM A325-91a Type 1  
**Coating Specification:**  
 None  
**Purchase Order Number:**  
 Verbal  
**Lot Number:**  
 64836-2  
**Comments:**  
 None  
**Material Heat Number:**  
 239212

Chemical Analysis - Weight Percent

C	Mn	P	S	Si	Cu	Cr	Ni	Mo	V	Al	Sn	Ta	Cb	Ti	B	N
.48	.75	.007	.020	.21	.32	.08	.09	.029	.001	-	.015	-	.001	.001	.0003	-

100% Melted & Manufactured in the USA. Values reflect originating steel run.

C&I Testing Labs, Inc.®  
 1170 Katy Fort-Bend Road  
 Katy, Texas 77494  
 Ph: 281-391-2197 Fax: 281-391-2044

Tensile and Hardness Test Results

**Lab Reference Number:**  
 127073  
**Lab ID:**  
 N 20  
**Date Tested:**  
 3/11/05  
**Test Specification:**  
 ASTM F606-00a  
**Sampling:**  
 Per customer

**Property** #1  
**Tensile:**  
**Proof/Yield**  
**Elongation**  
**ROA**  
**Hardness** 28 HRC

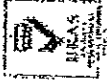
*Handwritten:* COMPANY K L Gault  
 INVOICE 77983  
 P.O. 503414

Comments  
 Test results meet tensile/hardness requirements of specification.

C&I Testing Labs, Inc.

*Handwritten Signature:* K. D. Byrum

Quality Assurance Manager





K-T Galvanizing Company, Inc.  
P.O. Box 72 - 5105 East 3<sup>rd</sup> Street  
Katy, Texas 77492  
Ph: 281-391-9201 Fax 281-391-5819



January 6, 2005

Gulf Coast Fasteners  
P.O. Box 18331  
Houston, TX 77224

COMPANY KL Jack  
INVOICE 79992  
P.O. 503414

RE: CERTIFICATE OF COMPLIANCE BLANKET CERTIFICATE

To Whom It May Concern:

We certify that our Hot Dip process meets the requirements of  
ASTM A153, class C specifications.


Sincerely,

*AJ Peck*

AJ Peck  
President

AP/rnm

# INSPECTION CERTIFICATE


**UNYTITE, INC.**  
 One Unytite Drive  
 Peru, Illinois 61354  
 815-224-2221 — FAX# 815-224-3434

Customer	Specification	Size	Lot No.	Date
	ASTM A-563 GRADE DH HEAVY HEX NUT	H.D.G. 1-3/8-6 UNC 0.027" BLUE DYE	27891	Jun. 16, '05

Mechanical properties tested in accordance to ASTM F606/F606M, ASTM A370, ASTM E18

### Chemical Composition

Mill Maker	Material Size	Heat No.	Spec.	Element (%)										
				C	SI	Mn	P	S	Cu	NI	Cr	Mo		
BERDAU AMER	CARBON			0.20		MIN.	MAX.	MAX.						
				0.55		0.60	0.040	0.050						
ISTEEL (IND)	STEEL	S68958		0.45	0.22	0.70	0.013	0.030	0.24	0.09	0.13	0.02		

Shape & Dimension	ANSI B18.2.2
Inspection	GOOD

Thread Precision	ANSI B1.1 CLASS 2B
Inspection	GOOD

Appearance	GOOD
Inspection	

### Mechanical Property Inspection

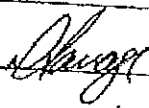
Item	Proof Load	Cone Stripping	Hardness	Hardness	Absorbed Energy	Heat Treatment
Spec.	173,250		24-38			
Results	5		29.5 28.7 29.4 28.9 29.0			Q: FORGING Q (W.Q.)  T: 1184° F/45H. (W.C.)  Q: Quenching T: Tempering ST: Solution Treatment
	GOOD		29.1	Hardness Treatment After 24 HrX °F (°C)		Remarks:  • DH U*  Production Quantity 10,800 pcs

*Jean Margherio*  
 OFFICIAL SEAL  
**JEAN MARGHERIO**  
 Notary Public, State of Illinois  
 My Commission Expires 10-18-2008

06-17-05

Material used for the nut was melted and manufactured in the USA. The nut was manufactured in the USA to the above specification.

We hereby certify that the material described has been manufactured and inspected satisfactorily with the requirement of the above specification.

  
 Chief of Quality Assurance Section



# GERDAU AMERISTEEL Minnesota

P.O. Box 64188  
1678 Red Rock Road  
Saint Paul, Minnesota 55184

Heat #: S88958  
Size: 1 9/16"  
Product: Round Bar  
Grade: C1045M23FC  
Date Rolled: 1/28/2005  
P.O. 29805  
M.O #: 245844

## CERTIFIED TEST REPORT

### CHEMICAL ANALYSIS (WT %)

C	Mn	P	S	Si	Sn	Cu	Ni	Cr	Mg	Cb	V	Co	Al	Ti	Ca	N
0.46	0.7	0.013	0.030	0.22	0.015	0.24	0.08	0.13	0.02	0.001	0.027	0.01	0.004	0.0032	18	63

MATERIAL 100% MELTED AND ROLLED IN THE USA. MANUFACTURING PROCESSES FOR THIS STEEL, WHICH MAY INCLUDE SCRAP MELTED IN AN ELECTRIC ARC FURNACE AND HOT ROLLING, HAVE BEEN PERFORMED AT GERDAU AMERISTEEL MINNESOTA, 1678 RED ROCK ROAD, SAINT PAUL, MINNESOTA, USA. ALL PRODUCT PRODUCED FROM STRAND CAST BILLETS. NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY OR ANY LIQUID ALLOY WHICH IS LIQUID AT AMBIENT TEMPERATURES DURING PROCESSING OR WHILE IN GERDAU AMERISTEEL MINNESOTA POSSESSION.

### 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

### MECHANICAL TEST REPORT

SPECIMEN AREA (in <sup>2</sup> )	YIELD (Kpsi)	TENSILE (Kpsi)	TENSILE (ksi)	% ELONG	GAUGE LENGTH (in)	BEND	% R.A.

Additional Specifications/Comments:

Grain Size: File Reduction Ratio: 15.8:1 ASTM A576-90b(2000) A281A281M-04

Codings:            D.I.: 1.38 in. M.S.: 508.8 Deg F. C.E Part:            As Rolled surface Hardness:           

ASTM A576 is not a laboratory accredited test.

Macro Etch:  A1:  A10:  R1:  R10:  R100:  C1:  C10:  C100:  D1:  D10:  D100:  S-Rating:  O-Rating:

Magna Clean Average:  Test 1:  Test 2:

The above results relate only to the items tested. Chemical tests performed in accordance with ASTM E415 and E1019. Mechanical tests performed in accordance with ASTM E8, E10, E18, E290 and A370. All other tests performed in accordance with the requirements of applicable specifications unless otherwise noted above. We hereby certify that the above test results are representative of those contained in the records of the company.

Accredited to:	ASTM		ASTM		ASTM		ASTM		ASTM	
	A370	E8	E10	E18	E10	E18	E290	E415	E1019	E415
ISO 17025	X	X	X	X	X	X	X	X	X	X
subcontractor (ISO 170 23)										

Any modification to this certificate as provided by Gerdau Ameristeel - Minnesota without the expressed written consent of Gerdau Ameristeel - Minnesota negates the validity of this test report. This report shall not be reproduced except in full, without the expressed written consent of Gerdau Ameristeel Minnesota. Gerdau Ameristeel - Minnesota is not responsible for the inability of this material to meet specific applications.

SIGNED:             
 DATE: 04/14/2005  
 APPROVE:           

QA Approval:             
 Dennis Harpole

THIS IS 14 DAY 14 MONTH 2005

Debra L. Kariesch  
 Notary Public - Minnesota  
 My Commission Expires Jan 31, 2010

STORY AND SUBSCRIBED TO PERFORME

THIS CERTIFICATE IS NOTARIZED ONLY WHEN REQUESTED.

**Universal Galvanizing, Inc.**  
107 Dillon Drive  
St. Peters, Missouri 63376  
(636) 970-2272

**CERTIFICATE OF COMPLIANCE  
FOR HOT DIP GALVANIZING**

CUSTOMER : Daytime, Inc.  
DATE : June 10, 2005  
ORDER NO : 31764  
LOT NO. : 27891  
ITEM : A563 DH HEN Nut  
SIZE : 1-3/8-6 0.027

WE HEREBY CERTIFY THAT THE ABOVE SIZE AND LOT  
NUMBER WHICH WAS HOT DIP GALVANIZED IN OUR PLANT  
MEET THE SPECIFICATIONS OF ASTM-A153 CLASS C.

AVERAGE THICKNESS OF ZINC COATING : 5.0 MILS

  
David Gehris, QUALITY CONTROL

- Specializing in Hot Dip Galvanizing -





BOLTS, NUTS AND FASTENER PRODUCTS

SET NO.: 2004-19901

### FASTENER TEST REPORT

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DESCRIPTION **A325-1+A563-DH O/S** DATE: **2004-11-25**  
**1-8 X 3**

#### BOLT

**A325 TYPE 1 STRUCTURAL BOLT H.D. GALV.**

**MARKING: HOLLOW TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325**

LOT NO.	MANUFACTURED BY				PROOF LOAD (LBS)	TENSILE STRENGTH (LBS)
	HARDNESS (ROCKWELL)					
0408-60008	INFASCO				MIN: 51,500	MIN: 72,700
3451G						
MEAN VALUE						
HEAT NO.	C %	Mn %	P %	S %	SI %	Cu %
CS2464	0.37	1.02	0.006	0.010	0.19	0.06
				31.0	PASS	88,133

#### NUT

**HVY HEX NUT A563 GR DH UNC OVERSIZE H.D. GALV.**

**MARKING: TRIANGLE & DH**

LOT NO.	MANUFACTURED BY				PROOF LOAD (LBS)
	HARDNESS (ROCKWELL)				
0409-60479	INFASCO				MIN: 90,900
3151G					
MEAN VALUE					
HEAT NO.	C %	Mn %	P %	S %	Cu %
C50825	0.44	0.82	0.008	0.015	0.22
				28.6	PASS

TESTED FOR ROTATIONAL CAPACITY WITH A TENSION MEASURING DEVICE, IN ACCORDANCE WITH SECTION 10.2 OF ASTM-A-325. THE ASSEMBLY MEETS THE REQUIREMENTS OF ASTM A 325, SECTION 6.3 -NUTS LUBRICATED.

700 Quailcote, Marietta (Gusnes) JRM 1P8  
 Tel: (400) 566-5741 Fax: (400) 400-5486

Division of IFASTOROUPE and Company, Limited  
 Partnership (finestgroup) Inc., General partner

Abdelhaq El Ouardi, eng.  
 ISO Coordinator

FQ-019-4 Rev. 02

Filed on 2004-11-26



Bolts, nuts and fastener products

SET NO.: 2005-22585

## FASTENER TEST REPORT

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DESCRIPTION	A325-1+A563-DE C/S
	1-8 X 3
	DATE: 2005-07-22

### BOLT

A325 TYPE 1 STRUCTURAL BOLT H.D. GALV.  
 MARKING: HOLLOW TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325

LOT NO.	MANUFACTURED BY				TENSILE STRENGTH (LBS)
	HRC 25.0 - HRC 34.0	PROOF LOAD (LBS)	MIN: 51,500		
0504-54146 0990G	INFASCO				MIN: 72,700
MEAN VALUE					
HEAT NO.	C %	Mn %	P %	HARDNESS (ROCKWELL)	TENSILE STRENGTH (LBS)
CS4931	0.38	1.01	0.008	30.9 S % 0.018 SI % 0.18 Cu % 0.15	88,966

### NUT


HVY HEX NUT A563 GR DE UNC OVERSIZE H.D. GALV.  
 MARKING: TRIANGLE & DE

LOT NO.	MANUFACTURED BY				PROOF LOAD (LBS)
	HRC 24.0 - HRC 38.0	PROOF LOAD (LBS)	MIN: 90,900		
0502-51320 5910G	INFASCO				MIN: 90,900
MEAN VALUE					
HEATING NO.	C %	Mn %	P %	HARDNESS (ROCKWELL)	PROOF LOAD (LBS)
IA76295	0.44	0.74	0.009	27.1 S % 0.013 SI % 0.18	PASS

TESTED FOR ROTATIONAL CAPACITY WITH A TENSION MEASURING DEVICE, IN ACCORDANCE WITH SECTION 10.2 OF ASTM-A-325. THE ASSEMBLY MEETS THE REQUIREMENTS OF ASTM A 325, SECTION 6.3 -NUTS IDENTIFIED.

INFASCO  
 A division of Italgroupe LP  
 A. Heico Company  
 F.O. 573-4 Rev. 02

700 Ducloux, Montpelier (Quebec) J0M 1P6  
 Tel.: (855) 658-8741 Fax: (450) 460-2096

  
 Gabriel Landry, eng.  
 Quality Assurance Engineer



Bolts, nuts and fastener products

LOT NO.: 0504-54146  
09900G

**FASTENER TEST REPORT**

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DATE 2005-06-02

DESCRIPTION A325 TYPE 1 STRUCTURAL BOLT F.D. GALV.  
AND MARKING HOLLOW TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325

SIZE	1-8 X 3		GRADE	1037MB		QUANTITY	36,400
HEAT CHEMICAL ANALYSIS							
HEAT NO.	C%	Mn %	P %	S %	SI %	Cr %	
C54931	0.38	1.01	0.008	0.018	0.18	0.15	

METHOD	ASTM F806 PROOF LOAD (psf)	ASTM F806 WEDGE TENSILE STRENGTH (psf)	SHEAR STRENGTH	SURFACE HARDNESS (HR 30N)	ASTM F806 CORE HARDNESS (ROCKWELL)	MICRO HARDNESS	ASTM F878 COATING THICKNESS (0.001 in)
SPEC. MIN.	85,000	120,000			HRG 25.0 HRG 34.0		2.00
SPEC. MAX.							
A NO. 1	85,000	148,000			HRG 30.8		3.76
A NO. 2	85,000	147,000			30.8		3.55
M NO. 3	85,000	145,000			31.3		3.11
P NO. 4					32.4		3.69
L NO. 5					29.4		
E							

THE ABOVE TESTED SAMPLES HAVE BEEN INSPECTED FOR VISUAL DISCONTINUITIES AND FOUND ACCEPTABLE. THEY COMPLY IN ALL RESPECTS WITH THE FOLLOWING SPECS:  
ASTM A325 TYPE 1 ASME B18.2.6 THREADS PER ANSI B1.1 CLASS 2A. UNLESS OTHERWISE SPECIFIED.  
ASTM-A-153 CLASS C  
THESE FASTENERS WERE OIL OVENHEAT AND TEMPERED AT A TEMP. ABOVE 900°F.

MANUFACTURED BY: INFASCO  
Raw material used to manufacture fasteners is mercury and asbestos-free. Fasteners were tested in the bare metal condition.  
INFASCO  
A division of Inaugruppe LP  
A Helico Company

700 Quailcreek, Nashville (Quincy) 424 195  
Tel: (650) 858-5747 Fax: (408) 480-5489  
F0-010-2 Rev. 02

*[Signature]*

Gabriel Landry, eng.  
Quality Assurance Engineer



Bolts, nuts and fastener products

LOT NO.: 0502-51320  
5910G

**FASTENER TEST REPORT**

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DATE 2005-04-13

DESCRIPTION HVY HEX NUT A563 GR DE UNC OVERSIZE HDG + LDB  
AND WASHING TRIANGLES & DR

SIZE	1-8	GRADE			QUANTITY
		1046V			101,000
HEAT CHEMICAL ANALYSIS					
HEAT NO.	C %	Mn %	P %	S %	SI %
IA76295	0.44	0.74	0.009	0.013	0.18

METHOD	ASTM F886	ASTM F886	SHEAR STRENGTH	SURFACE HARDNESS (99.30N)	ASTM F886	MICRO HARDNESS	ASTM E376 COATING THICKNESS
SAMPLES SELECTED BY: (ENG)	PROOF LOAD (psf.)	WEIGHT TENSILE STRENGTH			CORE HARDNESS (ROCKWELL)		
SPEC. MAX:							(0.001 in)
S	NO. 1 150,000				HRC 24.0 HRG 38.0		2.00
A	NO. 2 150,000				HRC 27.7		2.94
M	NO. 3 150,000				27.2		3.51
P	NO. 4 150,000				26.6		2.41
L	NO. 5 150,000				27.5		2.02
E					26.7		

THE ABOVE TESTED SAMPLES HAVE BEEN INSPECTED FOR VISUAL DISCONTINUITIES AND FOUND ACCEPTABLE.  
THEY COMPLY IN ALL RESPECTS WITH THE FOLLOWING SPECS:  
ASTM A563 DR AND ASME B18.2.2, THREADS PER ASME B1.1 CLASS 2B UNLESS OTHERWISE SPECIFIED.  
ASTM-A-153 CLASS C + LUBRICANT

MANUFACTURED BY: INFASCO

Raw material used to manufacture  
fasteners is mercury and asbestos-free.  
Fasteners were tested in the bare metal condition.  
INFASCO

A division of Metallurgum LP 700 Qualiente, Manzanilla (Quindoo) Rd. 1 PG  
A Heico Company Tel: (650) 650-6741 Fax: (650) 650-3086  
PO-070-3 Rev. 02

Gabriel Landry, eng.  
Quality Assurance Engineer

Filed on 2005-05-08



BOLTS, NUTS AND FASTENER PRODUCTS

SET NO.: 2004-20126

### FASTENER TEST REPORT

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DATE: 2004-12-08

DESCRIPTION	A325-1+A2563-C
	3/4-10 X 2 1/4

### BOLT

A325 TYPE 1 STRUCTURAL BOLT  
MARKING: HOLLOW TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)	PROOF LOAD (LBS)	TENSILE STRENGTH (LBS)	
0409-61704	INFASCO	HRC 25.0 - HRC 34.0	MIN: 28,400	MIN: 40,100	
MEAN VALUE					
		32.5	PASS	48,800	
HEAT NO.	C %	Mn %	P %	S %	SI %
A76254	0.37	0.94	0.008	0.023	0.19

### NUT

HVY HEX NUT A563 GR C DMC  
MARKING: TRIANGLE & 3 CIRCUMFERENTIAL LINES 120 DEG APART

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)	PROOF LOAD (LBS)		
0410-61958	INFASCO	HRBW 78.0 - HRC 38.0	MIN: 48,100		
MEAN VALUE					
		93.4	PASS		
HEAT NO.	C %	Mn %	P %	S %	SI %
095539	0.43	0.83	0.013	0.011	0.23

Daniel Guilbault  
Quality Assurance Foreman

706 Qualico, Markleville (Quabec) J8M 1P6  
Tel: (450) 650-0741 Fax: (450) 400-4496  
FG-012-4 REV. 02

Division of FASTROUPE and Company, Limited  
Partnership (Sharegroup Inc., General Partner)

Filed on 2004-12-08



SET NO.: 2004-19431

**FASTENER TEST REPORT**

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DATE: 2004-10-04

DESCRIPTION    A325-1+A563-DE O/S  
                   3/4-10 X 2

**BOLT**

A325 TYPE 1 STRUCTURAL BOLT H.D. GALV.

MARKING: HOLLOW TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)			PROOF LOAD (LBS)	TENSILE STRENGTH (LBS)
		HRC 25.0 - HRC 34.0	MIN: 28, 400	MIN: 40, 100		
0417-6B002	VERMONT FASTENERS					
1878G						
MEAN VALUE						
HEAT NO.	C%	Mn%	P%	S%	SI%	PASS
A74094	0.34	0.93	0.009	0.013	0.21	
29.7						
46,533						

**NUT**

HTV HEX NUT A563 GR DE DNG OVERSIZE H.D. GALV.  
 MARKING: TRIANGLE & DE

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)			PROOF LOAD (LBS)
		HRC 24.0 - HRC 38.0	MIN: 50, 100	PASS	
0405-56066	INFASCO				
1904G					
MEAN VALUE					
HEAT NO.	C%	Mn%	P%	S%	SI%
CS0366	0.44	0.85	0.010	0.013	0.22
29.4					
PASS					
0.06					

TESTED FOR ROTATIONAL CAPACITY WITH A TENSION MEASURING DEVICE, IN ACCORDANCE WITH SECTION 10.2 OF ASTM-A-325. THE ASSEMBLY MEETS THE REQUIREMENTS OF ASTM A 325, SECTION 6.3 NUTS LUBRICATED.

Daniel Gultbault  
 Quality Assurance Foreman

700 Quailcote, Knoxville (Gadsden) TN 379 1P6  
 Tel: (423) 828-0744 Fax (423) 400-5400  
 ISO-9001 Rev. 02

Division of FASTENSCOPE and Company, Limited  
 Partnership (Incorporated in, General partners)

Filed on 2004-10-05



BOLTS, NUTS AND FASTENER PRODUCTS

SET NO.: 2004-19448

### FASTENER TEST REPORT

(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

DATE: 2004-10-07

DESCRIPTION A325-1+A563-DE 0/S  
5/8-11 X 1 3/4

### BOLT

A325 TYPE 1 STRUCTURAL BOLT H.D. GALV.  
MARKING: BOLLOR TRIANGLE & 3 RADIAL LINES (OPTIONAL) & A-325

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)		PROOF LOAD (LBS) MIN: 29,200	TENSILE STRENGTH (LBS) MIN: 27,100
		HRC 25.0 - HRC 34.0	PASS		
0406-58526	INFASCO				
15366	INFASCO				
MEAN VALUE					
HEAT NO.	C %	Mn %	P %	S %	SI %
A73200	0.37	0.92	0.007	0.008	0.23

### NUT

HEY BEB NOT A563 GR DE DMC OVERSIZE H.D. GALV.  
MARKING: TRIANGLE & DE

LOT NO.	MANUFACTURED BY	HARDNESS (ROCKWELL)		PROOF LOAD (LBS) MIN: 33,900
		HRC 24.0 - HRC 38.0	PASS	
0403-54015	INFASCO			
1787G	INFASCO			
MEAN VALUE				
HEAT NO.	C %	Mn %	P %	S %
G50362	0.45	0.85	0.012	0.019

TESTED FOR ROTATIONAL CAPACITY WITH A TENSION MEASURING DEVICE, IN ACCORDANCE WITH SECTION 10.2 OF ASTM-A-325. THE ASSEMBLY MEETS THE REQUIREMENTS OF ASTM A 325, SECTION 5.3  
-NUTS LUBRICATED.

Daniel Guilbaut  
Quality Assurance Foreman

700 Quailcra, Marinette (Quincy) JIM 1PC  
Tel: (460) 668-6741 Fax: (460) 660-5689

Division of FASTROUPE and Company, Limited  
Parsippany (Frankenpaup Inc, General partner)

Find on 2004-10-07



**TECHNICAL STAMPING, INC.**  
 5000 E. HERRL STREET, SUITE 400  
 CHESTERFIELD, MO 63005  
 (636) 638-2200 / (636) 638-1200

**MATERIAL  
 CERTIFICATION**

109192-1		2/15/02	
----------	--	---------	--

3/4" F436	DISTR3AGV	0112-121	60,000
-----------	-----------	----------	--------

2115006	.39	.84	.011	.002	.22	.048	P.D.
---------	-----	-----	------	------	-----	------	------

SPECIFICATION	ACTUAL	GAUGE
---------------	--------	-------

OD	1438 - 1500	1.447 - 1.449	CALIPER
----	-------------	---------------	---------

ID	.813 - .844	.823 - .826	CALIPER PIN GAUGE
----	-------------	-------------	-------------------

THICKNESS	.122 - .177	.130 - .132	MICROMETER
-----------	-------------	-------------	------------

PLATNESS	MAX. OIG	.002	CALIPER
----------	----------	------	---------

STER			
------	--	--	--

HEAT TREAT		SEE CERT	
------------	--	----------	--

PLATING		SEE CERT	
---------	--	----------	--

OTHER			
-------	--	--	--

WE WARRANT AGAINST THE FOLLOWING DEFECTS: DIMENSIONS, SURFACE FINISH, PLATING, AND TREATMENT. WE DO NOT WARRANT AGAINST DEFECTS RESULTING FROM THE USER'S FAILURE TO FOLLOW THE INSTRUCTIONS FOR USE. THE USER'S FAILURE TO FOLLOW THE INSTRUCTIONS FOR USE IS NOT A DEFECT. THE USER'S FAILURE TO FOLLOW THE INSTRUCTIONS FOR USE IS NOT A DEFECT. THE USER'S FAILURE TO FOLLOW THE INSTRUCTIONS FOR USE IS NOT A DEFECT.

*Sharon C. [Signature]*  
 AUTHORIZED SIGNATURE





PURE METAL GALVANIZING

Date 9/19/01


Technical Stamping Inc.  
50600E Russell Schmidt  
Chesterfield, Michigan  
U.S.A. 48051

Attention: Shannon



Material galvanized on your Purchase Order Number #5028 - 5/8" F436 FION# 4191  
has been done in accordance with the General Requirements outlined in  
CALVCSA-G184 - F492, Hot Dip Galvanizing of Irregularly Shaped Articles and ASTM  
A153, Zinc Coating (Hot Dip) on Iron & Steel Hardware. Random inspection of  
production galvanizing indicates that specified coating weights are routinely met.

Yours truly  
PURE METAL GALVANIZING

  
R. Bruce Hook  
Plant Manager

PBH:js

A MESSAGE OF OUR APPROXIMATE WEIGHTS AND DIMENSIONS IS ATTACHED TO THIS ORDER. SEE ATTACHED PRICE SCHEDULE. ORDERING NEW SIZE  
ITEMS FROM THIS SOURCE WILL BE AT YOUR RISK. CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR MORE INFORMATION.



BOLTS, NUTS AND FASTENER PRODUCTS

1 of 2 9805-90357

**FASTENER TEST REPORT**  
(THIS DOCUMENT MAY BE REPRODUCED, BUT ONLY IN ITS ENTIRETY)

10314  
JACK R I & CO  
145 WARREN AVE  
PORTLAND, ME 04103  
USA

PART NO.:	DATE:
CUSTOMER P.O. NO.:	1999-04-19
INVOICE DATE:	REFERENCE NO.:
1999-04-19	04-9663
	INVOICE NO.:
	Infasco 225768

DESCRIPTION AND MARKING: F-436-1 STRUCTURAL WASHER H.D. GALV.

SIZE:	1 BOLT SIZE	GRADE:	TEMP	QUANTITY
				200,000

HEAT NO.:	HEAT CHEMICAL ANALYSIS				
	C %	Mn %	P %	S %	SI %
2117879	0.280	0.850	0.008	0.006	0.210

**MECHANICAL PROPERTIES (TESTED ACCORDING TO ASTM F606/606M) CORROSION RESISTANCE (ASTM B117)**

SAMPLES SELECTED BY: 1957	PROOF LOAD	WEDGE TENSILE STRENGTH	SHEAR STRENGTH	SURFACE (R. I.)	DENSITY	CORE HARDNESS (ROCKWELL)
						C 26.0
						C 45.0
						C 42.0
						41.0
						42.0
						41.0
						42.0

THE ABOVE TESTED SAMPLES COMPLY IN ALL RESPECTS WITH THE FOLLOWING SPECIFICATIONS:  
ASTM F 436  
UNLESS OTHERWISE SPECIFIED  
ASTM-A-153

Raw material used by Infasco to manufacture fasteners is mercury and asbestos-free.

Manufactured by: UNITED STATES

Original test report signed by MARCEL JI, Quality assurance manager  
Copy of this report signed

By: *Marcel JI*

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Division of FASTGROUPE and Company, Limited

ANCINE DEMERS