

WELDING CERTIFICATIONS

Employee	SMAW				FCAW				Stainless			
	1G	2G	3G	4G	1G	2G	3G	4G	1GL	1GL	1GL	FCAW
	Flat	Horizontal	Vertical	Overhead	Flat	Horizontal	Vertical	Overhead	SMAW	SMAW	SMAW	FCAW
Allard, James	XU	XU	XU	XU								
Canada, Al	XU	XU	XU	XU	XU					X		
Davis, Arthur (Butch)	XU	XU	XU	XU						X		
Dauletaliev, Nagi	XU	XU	XU									
Duchette, Roland	X	X	X	X								
Ferland, Paul	X	X	X		XU	XU	XU	XU				
Grigas, Bill	X	X	X		XU	XU	X			X		
Herbold, Matt	XU	XU	XU	XU	XU	XU	XU	XU				
King, Dave	XU	XU	XU	X	X							
Lawrence, Steve	X			X								
Leavitt, Scott	XU	XU	XU							X		
Lombardo, Phil	X											
Martin, Denis	X	X	X							X		
Masloski, Alex	XU	XU	XU	XU	X			X				
Nattilla, Erik	XU	XU	XU	XU	XU	XU				X		
Nowlin, Fred	X	X	X									
Percy Post	XU	XU	XU	XU								
Snowden, Doug	XU	X	X	XU	XU	XU						
Tellier, Kelly	XU	XU	XU	XU								
Webb, David	XU	XU	XU	XU	XU	XU	XU	XU				
Wetherby, Gary	X											
TOTALS	21	18	18	12	9	5	5	4	7	7		
X = Limited Thickness												
XU = Unlimited thickness												
Blue= Maine Employees												
11/03/06												

**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Al Canada **TEST PLATE:** 32 **TEST DATE:** 9-08-01
APPLICABLE SPEC.: AWS D1.1-00, Sect. 4, Part C **FIG:** 4.30
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 12
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 8
PASS # 1-8 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Al Canada

Social Security Number: 133-64-4727

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

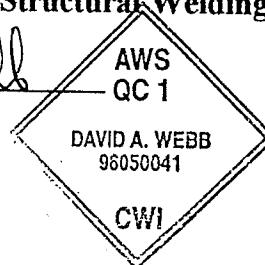
Method of Testing: Face & Root Bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-00, Structural Welding Code - Steel.

Signature of Tester: David A. Webb
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Al Canada **TEST PLATE:** 035 **TEST DATE:** 10-06-01
APPLICABLE SPEC.: AWS D1.1-00, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 47
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 23
PASS # 1-23 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 24

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Al Canada*

Social Security Number: 133-64-4727

Signature of Test Supervisor: *David A. Webb*

Treatment of Weld Reinforcement: Ground

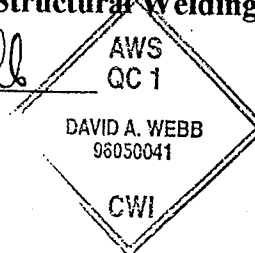
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-00, Structural Welding Code – Steel.

Signature of Tester: *David A. Webb*
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Al Canada **TEST PLATE:** 054 **TEST DATE:** 4-20-02
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: FCAW **TYPE:** Manual
CURRENT: DCEN **JOINT PREP.:** Ground
ELECTRODE: NR-212 **FLUX:** N/A
AWS SPEC.: A5.29; E71TG-G **# OF ELECTRODES:** N/A
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 14
PASS # 1-14 ELECT. DIA.: 5/64" **CURRENT:** 215 **VOLTS:** 24

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Al Canada

Social Security Number: 133-64-4727

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

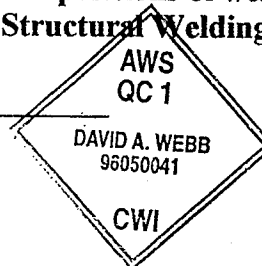
Method of Testing: 2 Side bends

Defects: Acceptable within code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: David A. Webb
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Al Canada **TEST PLATE:** 055 **TEST DATE:** 4-20-02
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 4G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 37
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 19
PASS # 1-19 ELECT. DIA.: 1/8" **CURRENT:** 124 **VOLTS:** 21

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Al Canada

Social Security Number: 133-64-4727

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

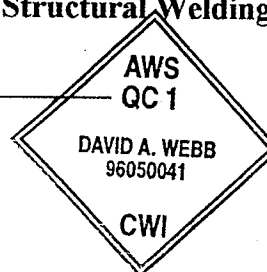
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.


Signature of Tester: David A. Webb
American Steel Erectors




**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Al Canada **TEST PLATE:** 118 **TEST DATE:** 3-15-05
APPLICABLE SPEC.: AWS D1.6-99, Sect. 4, Part B **FIG:** 4.15
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: A304L **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E308L-16 **SHIELDING GAS:** None
AWS SPEC.: A5.4; **# OF ELECTRODES:** 6
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 6
PASS # 1-6 ELECT. DIA.: 5/32" **CURRENT:** 135 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 133-64-4727

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

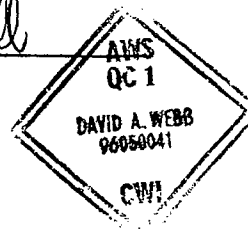
Method of Testing: Face & Root bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.3, & 4.4 of AWS D1.6-99, Structural Welding Code – Stainless Steel.

Signature of Tester: 
American Steel & Precast Erectors





(315) 463-0088

6521A Basile Rowe
E. Syracuse, New York 13057

WELDER AND WELDING OPERATOR QUALIFICATION TEST REPORT

Welder/Welder Operator's Name Mark Cilley		Date Reported 6/25/90	TCP Order No. TCP 875
Welder Identification No. 003-54-0539		Date Tested 6/6/90	Lab No. 617
Client American Steel Erectors P.O. Box 185 - Depot St. Greenfield, New Hampshire 03047		Welding Code (ID & year) AWS D1.1-90	Client Order No.
		Base Material Specification A36	
Process SMAW		Specimen <input checked="" type="checkbox"/> Plate <input type="checkbox"/> Pipe	Joint <input checked="" type="checkbox"/> Groove <input type="checkbox"/> Fillet
Position Vertical 3G		Specimen Furnished <input type="checkbox"/> TCP <input checked="" type="checkbox"/> Others	Plate Thickness 3/8
Weld Progression <input checked="" type="checkbox"/> Up <input type="checkbox"/> Down <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/> L to R <input type="checkbox"/> R to L		Specimens Machined <input type="checkbox"/> TCP <input checked="" type="checkbox"/> Others	Diameter & Wall Thickness
Welding Procedure No. _____ Rev. No. _____		Thickness Range Qualified 3/4 groove unlimited fillet	Current 140-150 AMPS: <input type="checkbox"/> AC <input checked="" type="checkbox"/> DC
Welding Procedure Data by: <input checked="" type="checkbox"/> TCP Witnessed (Tech): D. Wheelock <input type="checkbox"/> Others:		Polarity <input type="checkbox"/> Direct <input checked="" type="checkbox"/> Reverse	

FILLER METAL

Specification No. A5.5	Classification 7018	F. No. 4
Backing A36 3/8 strip	Diameter 1/8	Trade Name McKay
Shielding <input type="checkbox"/> Gas: _____ <input checked="" type="checkbox"/> Flux: _____		

VISUAL INSPECTION (AWS ONLY)

Appearance **Satisfactory** Undercut **Satisfactory** Piping Porosity **Satisfactory**

GUIDED BEND TEST RESULTS

TYPE	RESULTS	TYPE	RESULTS
Face	Satisfactory		
Root	Satisfactory		

FILLET TEST RESULTS

Weld Appearance Pass Fail Fillet Size Leg: _____ in. x _____ in. Concavity: _____ in. Convexity: _____ in.

Macro Etch Test Results Pass Fail **N/A**

Fracture Test Results (Describe location, nature & size of any cracks or tearing of the specimen)

RADIOGRAPHIC TEST RESULTS

Film Identification	Results	Remarks	Film Identification	Results	Remarks
		N/A			

Tests Witnessed by: **Mark Peters**

QUALIFICATION RESULTS

The Welder/Operator identified above DOES DOES NOT meet the performance qualifications specified in the Code identified above for the variables stated.

AMERICAN STEEL ERECTORS
 RECEIVED
 JUN 16 1990
 TCP

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS.
 PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS IS RESERVED PENDING WRITTEN APPROVAL
 1/American Steel Erectors
 1/TCP

Respectfully submitted,
TESTWELL CRAIG PETERS
TESTING LABORATORIES, INC.

**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Arthur Davis **TEST PLATE:** 111 **TEST DATE:** 3-31-04
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
BASE METAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
BACKING MATERIAL: 3/8" ASTM A36
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 29
PASS # 1-29 ELECT. DIA.: 1/8" **CURRENT:** 105 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Arthur Davis

Social Security Number: 005-58-2875

Signature of Test Supervisor: David A. Webb

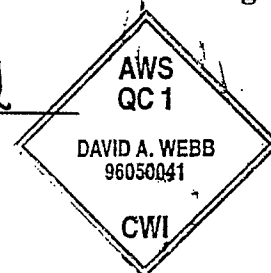
Visual Inspection: Acceptable Treatment of Weld Reinforcement: Ground

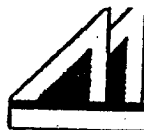
Method of Testing: 2 side bends Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9, & 4.10 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: David A. Webb
American Steel & Precast Erectors





MILLER ENGINEERING & TESTING, INC.

100 Sheffield Road - P.O. Box 4776 - Manchester, New Hampshire 03108 - Tel. (603) 668-6016

WELDER CERTIFICATE # 00G-9011
CODE # MET 90-020
DATE: 12/24/90

CLIENT: American Steel Erectors, Inc.
PROJECT: American Steel Erectors Welder Qualification
SUBJECT: M.S. & P.F.

TYPE OF TEST: Groove Weld Limited Thickness
WELDER'S NAME: Paul J. Ferland
PROCESS: SMAW
POSITION: Verticle
ELECTRODE: 70/8
WIRE: ---
SIZE: 1/8
AMPS: 130
VOLTS: D.C. Reverse Polarity
MACHINE: Lincoln 250
NUMBER OF PASSES: ---
MATERIAL: 1/2-inch A36 Plate
PLATE #: P.F.

Table with 5 columns: TYPE OF TEST, ROOT, FACE, SIDE, RESULTS. Row 1: GUIDED BEND TEST, (blank), (blank), X, Acceptable. Section: RADIOGRAPHIC INTERPRETATION: (blank)

Base on the above test, this welder is/is not qualified to weld in the process and position noted. Qualification test performed according to A.W.S. Code for Welding Bridges & Buildings D1.1-83.

RECEIVED
JAN 4 1991
AMERICAN STEEL ERECTORS, INC.

Respectfully Submitted,
MILLER ENGINEERING & TESTING, INC.
By: [Signature]

**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Paul J. Ferland **TEST PLATE:** 013 **TEST DATE:** 5-19-01
APPLICABLE SPEC.: AWS D1.1-00, Sect. 4, Part C **FIG:** 4.30
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 13
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 5
PASS # 1-5 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: _____

Social Security Number: 003-50-8683

Signature of Test Supervisor: _____

Treatment of Weld Reinforcement: Ground

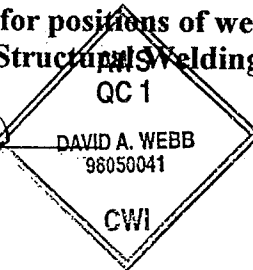
Method of Testing: Face & Root Bends

Defects: None

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-00, Structural Welding Code - Steel.

Signature of Tester: _____
American Steel Erectors



WELD QUALITY CONSULTING
WELDER PERFORMANCE QUALIFICATION TEST RECORD

Name PAUL J. FERLAND Social Security # 003-50-8683

Welder X Operator _____

Qualified with WPS AM-ST-40

Test AWS D1.1-94 Unlimited Thickness Plate 4G Position

Process FCAW Manual _____ Semi-Automatic X Automatic _____ Machine _____

Test base metal specification A36 to A36

Shielding Gas NONE Flow Rate NA

AWS filler metal classification E71T11 A5.20 Size 5/64"

Backing X Consumable Insert _____

Double Welded _____ Single Welded X Back Purging _____

Current DCSP GMAW Spray Transfer _____

Test results

Visual test results Pass X Fail _____

Bend test results Pass X Fail _____ NA _____

Radiographic test results Pass _____ Fail _____ NA X

Process Qualified for FCAW

Filler metals Qualified for:

All wires covered in AWS A5.20 and A5.29

Position (s) Qualified for:

Groove:

Plate 1G and 4G Unlimited Thickness

Pipe 1G and 4G over 24" dia. Unlimited Wall Thickness

Fillet:

Plate 1F,2F and 4F Unlimited Thickness

Pipe 1F,2F and 4F Unlimited Wall Thickness

The above named person is qualified for the welding process used in this test within the limits of essential variables shown above, including materials and filler metal variables of the AWS Standard for welder certification and the D1.1-94 Structural Welding Code or Standard. I hereby certify that I was not involved in the training of the above named individual as a welder:

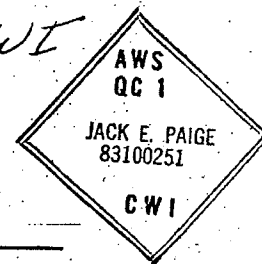
Date Tested 6/17/95 Signed by Jack E. Paige CWI

(Test Supervisor)

AWS CWI # 83100251

Signed by Raymond McElroy
(Corp. Representative)

PRESIDENT
(Title)





atl

ATLANTIC TESTING LABORATORIES, Limited

WELDER AND WELDING OPERATOR QUALIFICATION TEST RECORD

Welder/Welding Operator Paul Ferland Report No. NE5051-1-3-89
 Welding Process FCAW I.D. No. 003-50-8683
 Position 3G, Vertical Upward Manual _____ Semi-automatic X Machine _____
 (flat, horizontal, overhead or vertical; if vertical state whether upward or downward)
 In accordance with Procedure Specification No. AWS D1.1 Structural Welding Code Part 5C -
Welder Qualification
 Material specification A36 Carbon Steel
 Diameter & wall thickness (if pipe); otherwise joint thickness 1" with 1/4" Root Opening
 Thickness range this qualifies Unlimited

FILLER METAL

Specification No. AWS A.5.20 Classification No. E71T-7 F No. F-6
 Describe filler metal (if not covered by AWS specification) N/A

Is backing strip used Yes, 7" x 3" x 3/8"
 Filler metal diameter and trade name 5/64", Lincoln
 Flux for submerged arc or gas for gas metal arc or flux cored arc welding N/A

GUIDED BEND TEST RESULTS

TYPE	RESULT	TYPE	RESULT
Side	Passed		
Side	Passed		

Test conducted by Atlantic Testing Laboratories, Ltd. Laboratory Test No. NE5051-2
 Per AWS D1.1 Structural Welding Code 5.27.1 and 5.28.1

RADIOGRAPHIC TEST RESULTS

FILM I.D.	RESULTS	REMARKS	FILM I.D.	RESULTS	REMARKS

Test witnessed by _____ Test No. _____
 Per _____

We, the undersigned, certify that the statements in this record are correct and that the welds were prepared and tested in accordance with the requirements of:
AWS D1.1 Part C, Section 5 of the Structural Welding Code

MANUFACTURER OR CONTRACTOR American Steel Erectors, Inc.
 AUTHORIZED BY Mr. Ray Cilley
 DATE 3/23/89

ATL REPRESENTATIVE G. P. Craig

American Steel

19 FABRICATORS & ERECTORS 82

STRUCTURAL STEEL FABRICATORS AND ERECTORS

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator: American Steel Location: Greenfield/Milford

Name of Applicant: WILLIAM GRIGAS Test Plate No.: 436 Test Date: 4-18-98

Applicable Spec.: ANSI/AWS D1.1-94 Sec. 5 Part: C Fig.: 5-19

Type of Weld: Groove Thickness: 3/8" Position: 3G-VERT.

Material: ASTM A36 Yield: 36000 Preheat: 70 degrees

Process: SMAW Type (Manual, Semi-Auto, Auto); MANUAL

Current (Type & Polarity): DCRP Joint Preparation: Ground Backing (Yes-No) YES

Electrode: AWS E7018 Flux or Shielding Gas: N.A.

AWS Spec: A5.10 No. Electrodes: 21

Wire Stickout: Travel Speed: 7 IPM: Total No. Passes: 12

Bead No.: 1-12 Electrode Diameter: 1/8 Current: 90 Voltage: 23

Bead No.: Electrode Diameter: Current: Voltage:

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: [Signature] S.S. No. 002-60-6051

Signature of Test Supervisor: [Signature]

Treatment of Weld Reinforcement: Ground

Defect (s): Root: NONE VISIBLE

Method of Testing: Bend Test - Side

FAILS WITHIN ACCEPTABLE LIMITS

Signature of Tester: [Signature] Inspection Agency: AM. STL. FAB.

Passed or Failed: PASS

The above named (welder) (welding operator) (is) (is not) pre-qualified to do welding for positions of welding in accordance with Table 5-5 when using electrode classification of Paragraph 5.16 Of part C (Paragraph 5-34 of Part D) of Section 5, ANSI/AWS D1.1-94

Signature of Inspector: _____

Inspection Agency: _____

Comments: _____



STRUCTURAL STEEL FABRICATORS AND ERECTORS

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator: American Steel Location: Greenfield/Milford
Name of Applicant: WILLIAM BRIGAS Test Plate No.: 436 Test Date: 10-3-98
Applicable Spec.: ANSI/AWS D1.1-94 Sec. 5 Part: C Fig.: 5-21
Type of Weld: Groove Thickness: 3/8 Position: 3G-VERT.
Material: ASTM A36 Yield: 36000 Preheat: 70 degrees
Process: FCAW Type (Manual, Semi-Auto, Auto): SEMI-AUTO
Current (Type & Polarity): DCRP Joint Preparation: Ground Backing (Yes-No) YES
Electrode: AWS E71-T11 Flux or Shielding Gas: N.A.
AWS Spec: A5.2D No. Electrodes: 1
Wire Stickout: 3/4 Travel Speed: 5 IPM: Total No. Passes: 3
Bead No.: 1-3 Electrode Diameter: 3/64 Current: 225 Voltage: 20
Bead No.: Electrode Diameter: Current: Voltage:

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

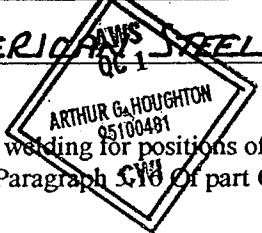
Signature of Welder: [Signature] S.S. No. X002-60-6051
Signature of Test Supervisor: [Signature]

Treatment of Weld Reinforcement: Ground Method of Testing: Bend Test - ~~Six~~
Defect (s): Root: NONE VISIBLE Face: WITHIN ACCEPTABLE LIMITS

Signature of Tester: [Signature] Testing Agency: AMERICAN STEEL FAB.

Passed or Failed: PASS

The above named (welder) (welding operator) (is) (~~is not~~) pre-qualified to do welding for positions of welding in accordance with Table 5-5 when using electrode classification of Paragraph 5.18 of part C (Paragraph 5-34 of Part D) of Section 5, ANSI/AWS D1.1-94



Signature of Inspector: _____
Inspection Agency: _____
Comments: _____



STRUCTURAL STEEL FABRICATORS AND ERECTORS

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator: American Steel Location: Greenfield/Milford
Name of Applicant: WILLIAM GRIGAS Test Plate No.: 436 Test Date: 12-6-98
Applicable Spec.: ANSI/AWS D1.1-94 Sec. 5 Part: C Fig.: 5.19
Type of Weld: Groove Thickness: 1/4" Position: 3G-HORIZ.
Material: ASTM A36 Yield: 36000 Preheat: 70 degrees
Process: FLAW Type (Manual, Semi-Auto, Auto): SEMI-AUTO
Current (Type & Polarity): DCRP Joint Preparation: Ground Backing (Yes-No) YES
Electrode: AWS E70TG-K2 Flux or Shielding Gas: INNERSHIELD
(NR 311 Ni)
AWS Spec: A 5.29 No. Electrodes:
Wire Stickout: 1"± Travel Speed: 7 IPM: Total No. Passes: 18
Bead No.: 1-18 Electrode Diameter: 5/64 Current: 200 Voltage: 24
Bead No.: Electrode Diameter: Current: Voltage:

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: [Signature] S.S. No. 002-606051

Signature of Test Supervisor: [Signature]

Treatment of Weld Reinforcement: Ground

Defect (s): Root: NONE VISIBLE

Method of Testing: Bend Test - Side

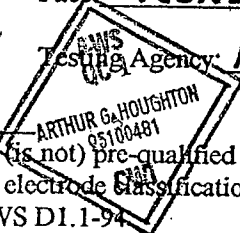
Face: NONE VISIBLE

Signature of Tester: [Signature] **PASS**

Testing Agency: AMERICAN STEEL FAB.

Passed or Failed: [Signature]

The above named (welder) (welding operator) (is) (is not) pre-qualified to do welding for positions of welding in accordance with Table 5-5 when using electrode classification of Paragraph 5.16 Of part C (Paragraph 5-34 of Part D) of Section 5, ANSI/AWS D1.1-94



Signature of Inspector: _____

Inspection Agency: _____

Comments: _____

**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Bill Grigas **TEST PLATE:** 115 **TEST DATE:** 3-12-05
APPLICABLE SPEC.: AWS D1.6-99, Sect. 4, Part C **FIG:** 4.15
WELD TYPE: _Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A304L **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E308L-16 **FLUX:** N/A
AWS SPEC.: A5.2 **# OF ELECTRODES:** 5
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 7
PASS # 1-7 ELECT. DIA.: 5/32" **CURRENT:** 143 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Bill Grigas*

Social Security Number: 002-60-6051

Signature of Test Supervisor: *David A. Webb*

Treatment of Weld Reinforcement: Ground

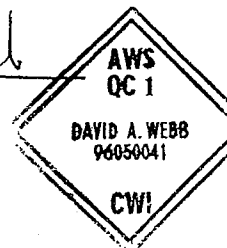
Method of Testing: Face & Root Bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.3, & 4.4 of AWS D1.6-99, Structural Welding Code – Stainless Steel.

Signature of Tester: *David A. Webb*
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Matthew B. Herbold **TEST PLATE:** 080 **TEST DATE:** 3-11-03
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 19
PASS # 1-19 ELECT. DIA.: 1/8" **CURRENT:** 121 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Matthew B. Herbold

Social Security Number: 363-80-9664

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

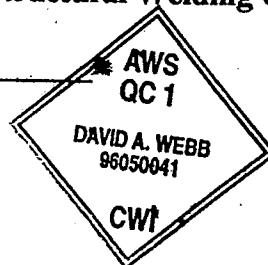
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: David A. Webb
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Matthew B. Herbold **TEST PLATE:** 081 **TEST DATE:** 3-11-03

APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21

WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 4G

MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F

PROCESS: SMAW **TYPE:** Manual

CURRENT: DCEP **JOINT PREP.:** Ground

ELECTRODE: E7018 **FLUX:** N/A

AWS SPEC.: A5.1

WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 24

PASS # 1-24 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Matthew B. Herbold

Social Security Number: 363-80-9664

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

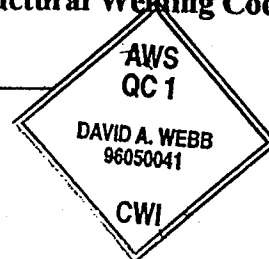
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: David A. Webb
American Steel Erectors



**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Matt Herbold **TEST PLATE:** 112 **TEST DATE:** 3-31-04
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
BASE METAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
BACKING MATERIAL: 3/8" ASTM A36
PROCESS: FCAW **TYPE:** Manual
CURRENT: DCEN **JOINT PREP.:** Ground
ELECTRODE: NR-211 MP **FLUX:** N/A
AWS SPEC.: A5.20; E71T-11 **# OF ELECTRODES:** N/A
WIRE STICKOUT: 3/4" **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 13
PASS # 1-13 ELECT. DIA.: 5/64" **CURRENT:** 130 **VOLTS:** 20.2

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Matt Herbold*

Social Security Number: 363-80-9664

Signature of Test Supervisor: *David A. Webb*

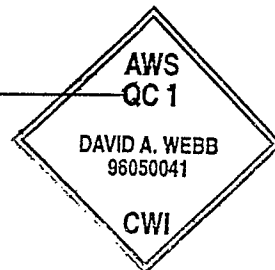
Visual Inspection: Acceptable **Treatment of Weld Reinforcement:** Ground

Method of Testing: 2 Side bends **Defects:** None

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9, & 4.10 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: *David A. Webb*
American Steel & Precast Erectors



**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Matt Herbold TEST PLATE: 114 TEST DATE: 3-31-04
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C FIG: 4.21
WELD TYPE: Groove THICKNESS: 1" POSITION: 4G
BASE METAL: ASTM A36 YIELD: 36 ksi PREHEAT: 100 F
BACKING MATERIAL: 3/8" ASTM A36
PROCESS: FCAW TYPE: Manual
CURRENT: DCEN JOINT PREP.: Ground -
ELECTRODE: NR-211 MP FLUX: N/A
AWS SPEC.: A5.20; E71T-11 # OF ELECTRODES: N/A
WIRE STICKOUT: 3/4" TRAVEL SPEED: 5-7 ipm # OF PASSES: 14
PASS # 1-14 ELECT. DIA.: 5/64" CURRENT: 130 VOLTS: 20.2

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Matt Herbold

Social Security Number: 363-80-9664

Signature of Test Supervisor: David A. Webb

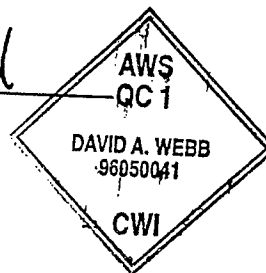
Visual Inspection: Acceptable Treatment of Weld Reinforcement: Ground

Method of Testing: 2 Side bends Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9, & 4.10 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: David A. Webb
American Steel & Precast Erectors



**WELD QUALITY CONSULTING
WELDER PERFORMANCE QUALIFICATION TEST RECORD**

Name DAVID A. KING Social Security # 001-46-6668

Welder X Operator _____ Qualified with WPS AM-ST-103 & AM-ST-104

Test AWS D1.1-96 Limited Thickness Plate 3G & 4G Position

Process SMAW Manual X Semi-Automatic _____ Automatic _____ Machine _____

Test base metal specification A36

Shielding Gas NA Flow Rate NA

AWS filler metal classification E7018 F # 4 Size 1/8"

Backing X Consumable Insert _____
Double Welded _____ Single Welded X Back Purging _____
Current DCRP GMAW Spray Transfer _____

Test results

Visual test results Pass X Fail _____
Bend test results Pass X Fail _____ NA _____
Radiographic test results Pass _____ Fail _____ NA X

Process Qualified for: SMAW
Filler metals Qualified for: F4 and lower _____

Position (s) Qualified for:

Groove:

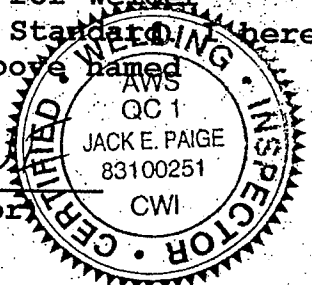
Plate 1G, 2G, 3G, and 4G positions up to 3/4" thickness
Pipe 1G, 2G, 3G, and 4G positions over 24" dia. up to 3/4" wall thickness

Fillet:

Plate 1F, 2F, 3F, and 4F positions up to 3/4" thickness
Pipe 1F, 2F, 3F, and 4F positions up to 3/4" wall thickness

The above named person is qualified for the welding process used in this test within the limits of essential variables shown above, including materials and filler metal variables of the AWS Standard for welder certification and the D1.1-96 Structural Welding Code or Standard. I hereby certify that I was not involved in the training of the above named individual as a welder:

Date Tested 8/17/96 Signed by Jack E. Paige CWI
(Test Supervisor)



Signed by [Signature]
(Corp. Representative)

AWS CWI # 83100251

Safety Director
(Title)

**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Steve Lawrence **TEST PLATE:** 146 **TEST DATE:** 5-25-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 4G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** N/A
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 10
PASS # 1-10 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Steve Lawrence

Social Security Number: 004-74-6647

Signature of Test Supervisor: David A. Webb

Treatment of Weld Reinforcement: Ground

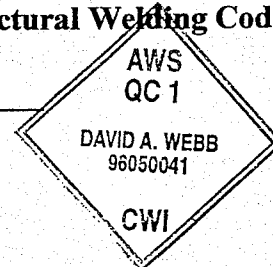
Method of Testing: Face & Root Bend

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: David A. Webb
American Steel & Precast Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Scott Leavitt **TEST PLATE:** 122 **TEST DATE:** 12-03-05
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 45
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 28
PASS # 1-28 ELECT. DIA.: 1/8" **CURRENT:** 135 **VOLTS:** 23.7

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: _____

Social Security Number: 002-76-4628

Signature of Test Supervisor: _____

Treatment of Weld Reinforcement: Ground

Method of Testing: 2 side bends

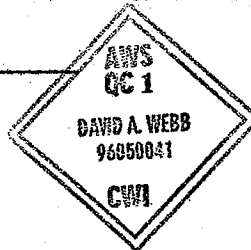
Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: _____

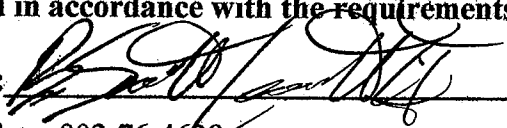
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Scott Leavitt **TEST PLATE:** 126 **TEST DATE:** 1-14-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 45
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 22
PASS # 1-22 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 23.7

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 002-76-4628

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

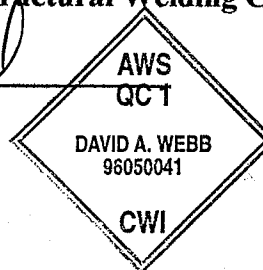
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

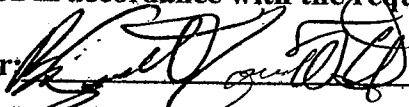
Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Scott Leavitt **TEST PLATE:** 130 **TEST DATE:** 2-11-06
APPLICABLE SPEC.: AWS D1.6-99, Sect. 4, Part C **FIG:** 4.15
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A304L **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E308L-16 **FLUX:** N/A
AWS SPEC.: A5.2 **# OF ELECTRODES:** 5
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 8
PASS # 1-8 ELECT. DIA.: 1/8" **CURRENT:** 90 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 
Social Security Number: 002-76-4628

Signature of Test Supervisor: 

Treatment of Weld Reinforcement: Ground

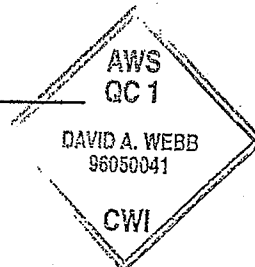
Method of Testing: Face & Root Bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.3, & 4.4 of AWS D1.6-99, Structural Welding Code – Stainless Steel.

Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL & PRECAST ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Phil Lombardo **TEST PLATE:** 142 **TEST DATE:** 5-13-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.30
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 12
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 8
PASS # 1-8 ELECT. DIA.: 1/8" **CURRENT:** 125 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: Phil Lombardo

Employee ID Number:

Signature of Test Supervisor: David Webb

Treatment of Weld Reinforcement: Ground

Method of Testing: Face & Root Bends

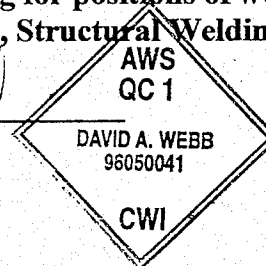
Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: David Webb

American Steel & Precast Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Denis M. Martin **TEST PLATE:** 015 **TEST DATE:** 5-19-01
APPLICABLE SPEC.: AWS D1.1-96, Sect. 4, Part C **FIG:** 4.30
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 13
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 7
PASS # 1-7 ELECT. DIA.: 1/8" **CURRENT:** 135 **VOLTS:** 23.7

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: _____

Denis M. Martin

Social Security Number: 002-52-9963

Signature of Test Supervisor: _____

David A. Webb

Treatment of Weld Reinforcement: Ground

Method of Testing: Face & Root Bends

Defects: Acceptable

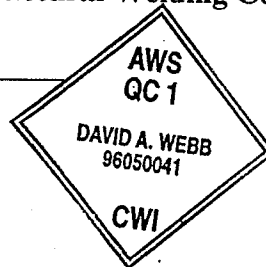
Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-96, Structural Welding Code – Steel.

Signature of Tester: _____

David A. Webb

American Steel Erectors



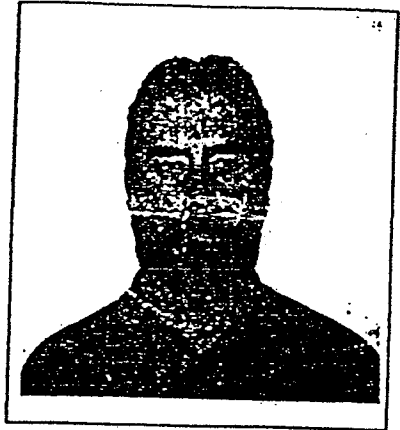
The Commonwealth of Massachusetts

Massachusetts Highway Department

WELDER AND WELDER OPERATOR QUALIFICATION TEST RECORD

NAME Alex P. Masloski

SIGNATURE *Alex P. Masloski*



SOC. SEC. # 010 / 34 / 6222

DATE

PROCESS: Shielded Metal Arc

OF 5-20-92
TEST 5 / 5 / 92

MANUAL x ; SEMI-AUTO. _____ ; AUTO. _____

TEST POSITION(S) 3G, 4G POSITION(S) QUALIFIED all

MATERIAL SPECIFICATION ASTM 709 GR 36 THICKNESS RANGE QUALIFIED unlimited

WALL THICKNESS & DIAMETER _____ JOINT THICKNESS 1"

FILLER METAL: SPECIFICATION NO. A5.1 ; GROUP NO. F4
CLASSIFICATION NO. E7018 ; DIAMETER 5/32

SHIELDING: FLUX _____ ; GAS _____

VISUAL INSPECTION (AASHTO/AWS) satisfactory

FILLET TEST: FILLET SIZE _____ ; APPEARANCE _____ ; MACROETCH _____
FRACTURE TEST ROOT PENETRATION _____
DESCRIPTION OF LOCATION & SIZE OF ANY CRACKS OR TEARS _____

GUIDED BEND TEST: PLATE A, POSITION 3G BEND 1 ok BEND 2 ok
PLATE B, POSITION 4G BEND 1 ok BEND 2 ok

RADIOGRAPHIC TEST: FILM I.D. _____ RESULTS _____ REMARKS _____

TESTS NO. 4-S CONDUCTED BY: John Skrabely

All welds prepared, tested, and inspected in accordance with the requirements of the Bridge Welding Code (ANSI/AASHTO/AWS D1.5).

WITNESSED BY *John M. DeGroot* CWI NO. _____

APPROVED BY *Alex P. Masloski*
Metals Control Engineer

CERTIFICATION NO. 02877

GREEN & WHITE MOUNTAINS SECTION
AMERICAN WELDING SOCIETY



WELD QUALIFICATION TEST REPORT

Welder Name Alex Masloski

Company Name American Steel Erector

& Address _____

& Address _____

_____ Zip _____

_____ Zip _____

Home Phone _____

Work Phone _____

IDENTIFICATION NO: 83128

CODE NO: AWS D1.1

TEST NO: AWS 5.18A

Process: SMAW

Power Source: Hobart 200 MG

Nature of Current: DC

Speed of Travel: 6 I.P.M.

Polarity: Reverse

Position: 3G VERTICAL

Type of Test: AWS 5.18A

Plate Thickness: 1"

Base Material: A.36

Cleaning: Slaghammer & Brush

Edge Preparation: Sawed

Ambient Temperature: 68

Preheat: none

Amps: 120

Volts: 21

Electrode: Airco E-7018 MR

Diameter: 1/8"

Flux: _____

Layers Required: 19

Type of Specimen: AWS 5.10.1.3H

Interpass Temperature: _____

Date Welded: 10/29/83

Date Tested: 11/26/83 - R. JAMES

Witnessed By: L. Perry

Results: accepted

Robert E. James, CWI #77111071
Final Inspector

DEC - 5 1983



STRUCTURAL STEEL FABRICATORS AND ERECTORS

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator: American Steel Location: Greenfield/Milford
Name of Applicant: ALEX. MASLOSKI Test Plate No.: 32 Test Date: 12-6-96
Applicable Spec.: ANSI/AWS D1.1-94 Sec. 5 Part: L Fig.: 5.21
Type of Weld: Groove Thickness: 3/8" Position: 4G-DH.
Material: ASTM A36 Yield: 36000 Preheat: 70 degrees
Process: FLAW Type (Manual, Semi-Auto, Auto): SEMI-AUTO
Current (Type & Polarity): DCRP Joint Preparation: Ground Backing (Yes-No) YES
Electrode: AWS E71T1-11 Flux or Shielding Gas: INNERSHIELD
AWS Spec: A5.20 No. Electrodes: 1
Wire Stickout: 1"± Travel Speed: 8 IPM: Total No. Passes: 3
Bead No.: 1-3 Electrode Diameter: 5/64 Current: 175 Voltage: 19
Bead No.: Electrode Diameter: Current: Voltage:

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder Alex P. Masloski S.S. No. 010-34-6222

Signature of Test Supervisor Walter J. Durkin

Treatment of Weld Reinforcement: Ground Method of Testing: Bend Test - Side
Defect (s): Root: NONE VISIBLE Face: NONE VISIBLE

Signature of Tester: [Signature] Agency: AMERICAN STEEL FAB.

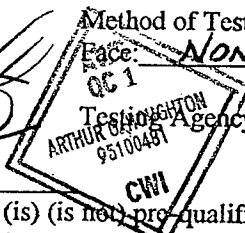
Passed or Failed: PASS

The above named (welder) (welding operator) (is) (is not) pre-qualified to do welding for positions of welding in accordance with Table 5-5 when using electrode classification of Paragraph 5.16 Of part C (Paragraph 5-34 of Part D) of Section 5, ANSI/AWS D1.1-94

Signature of Inspector: _____

Inspection Agency: _____

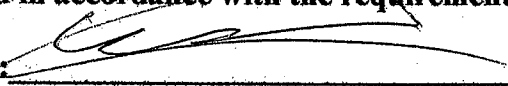
Comments: _____



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Erik Nattila **TEST PLATE:** 122 **TEST DATE:** 12-17-05
APPLICABLE SPEC.: AWS D1.6-99, Sect. 4, Part B **FIG:** 4.15
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: A304L **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E308L-16 **SHIELDING GAS:** None
AWS SPEC.: A5.4; **# OF ELECTRODES:** 10
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 8
PASS # 1-8 ELECT. DIA.: 1/8" **CURRENT:** 105 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 001-76-0560

Signature of Test Supervisor: 

Treatment of Weld Reinforcement: Ground

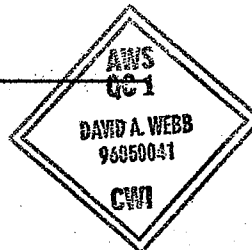
Method of Testing: Face & Root bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.3, & 4.4 of AWS D1.6-99, Structural Welding Code - Stainless Steel.

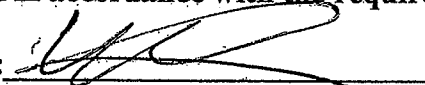
Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Erik Nattila **TEST PLATE:** 119 **TEST DATE:** 11-17-05 11-19-05
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 45
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 40
PASS # 1-40 ELECT. DIA.: 1/8" **CURRENT:** 135 **VOLTS:** 23.7

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 001-76-0560

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

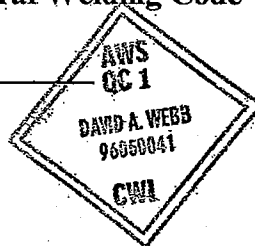
Method of Testing: 2 side bends

Defects: Acceptable within code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Erik Nattila **TEST PLATE:** 123 **TEST DATE:** 12-03-05
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 27
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 19
PASS # 1-19 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: _____

Social Security Number: 001-76-0560

Signature of Test Supervisor: _____

Treatment of Weld Reinforcement: Ground

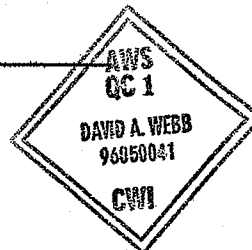
Method of Testing: 2 side bends

Defects: No apparent defects

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: _____
American Steel Erectors



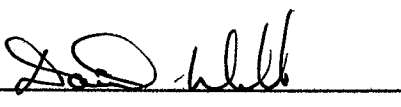
**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Erik Nattila **TEST PLATE:** 125 **TEST DATE:** 1-14-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 4G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 27
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 18
PASS # 1-18 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 001-76-0560

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

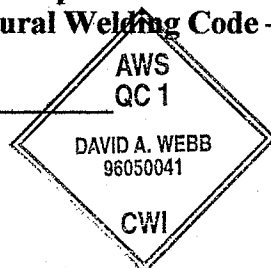
Method of Testing: 2 side bends

Defects: Acceptable within Code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Erik Nattila **TEST PLATE:** 131 **TEST DATE:** 2-11-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: FCAW **TYPE:** Semi - Auto
CURRENT: DCEN **JOINT PREP.:** Ground
ELECTRODE: NR-311 **FLUX:** N/A
AWS SPEC.: A5.20;E70T-7 **# OF ELECTRODES:** N/A
WIRE STICKOUT: 3/4" **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 15
PASS # 1-15 ELECT. DIA.: 5/64" **CURRENT:** 155 **VOLTS:** 21.5

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: _____

Social Security Number: 001-76-0560

Signature of Test Supervisor: _____

Treatment of Weld Reinforcement: Ground

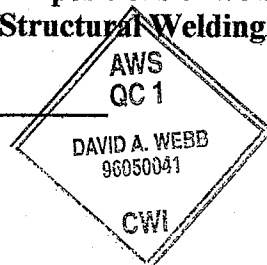
Method of Testing: 2 Side bends

Defects: Acceptable within code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code - Steel.

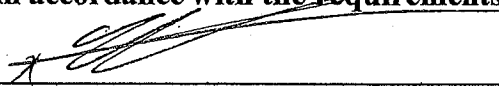
Signature of Tester: _____
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Eric Nattila **TEST PLATE:** 136 **TEST DATE:** 3-18-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: FCAW **TYPE:** Semi - Auto
CURRENT: DCEN **JOINT PREP.:** Ground
ELECTRODE: NR-212 **FLUX:** N/A
AWS SPEC.: A5.29 **# OF ELECTRODES:** N/A
WIRE STICKOUT: 3/4" **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 17
PASS # 1-17 ELECT. DIA.: .068" **CURRENT:** 127 **VOLTS:** 21.5

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 001-76-0560

Signature of Test Supervisor: 

Treatment of Weld Reinforcement: Ground

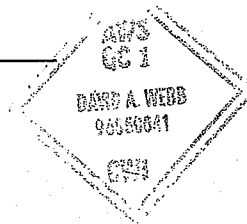
Method of Testing: 2 Side bends

Defects: Acceptable within code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Doug Snowden **TEST PLATE:** 029 **TEST DATE:** 8-11-01
APPLICABLE SPEC.: AWS D1.1-00, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 16
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 7
PASS # 1-7 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 317-82-4505

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

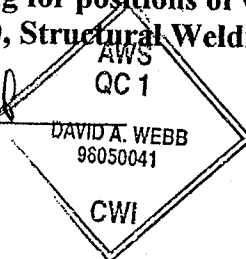
Method of Testing: Face & Root Bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-00, Structural Welding Code - Steel.

Signature of Tester: 
American Steel Erectors





STRUCTURAL STEEL FABRICATORS AND ERECTORS

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator: American Steel Location: Greenfield/Milford
Name of Applicant: DOUGLAS SNOWDEN Test Plate No.: 471 Test Date: 8-18-00
Applicable Spec.: ANSI/AWS D1.1-94 Sec. 5 Part: C Fig.: 5-21
Type of Weld: Groove Thickness: 3/8" Position: 3G
Material: ASTM A36 Yield: 36000 Preheat: 70 degrees
Process: SMAW Type (Manual, Semi-Auto, Auto): MANUAL
Current (Type & Polarity): DCRP Joint Preparation: Ground Backing (Yes-No) YES
Electrode: AWS E 7018 Flux or Shielding Gas: N/A
AWS Spec: A5-10 No. Electrodes: 10
Wire Stickout: Travel Speed: IPM: Total No. Passes: 6
Bead No.: 1-6 Electrode Diameter: 1/8 Current: 115 Voltage: 23
Bead No.: Electrode Diameter: Current: Voltage:

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder [Signature] S.S. No. 317-82-4505

Signature of Test Supervisor BURT RICHENAU

Treatment of Weld Reinforcement: Ground Method of Testing: Bend Test - Side
Defect (s): Root: ACCEPTABLE Face: NONE VISIBLE

Signature of Tester [Signature] AWS QC Testing Agency: AMERICAN STEEL FAB.

Passed or Failed: PASSED
The above named (welder) (welding operator) (is) (is not) pre-qualified to do welding for positions of welding in accordance with Table 5-5 when using electrode classification of Paragraph 5.16 Of part C (Paragraph 5-34 of Part D) of Section 5, ANSI/AWS D1.1-94

Signature of Inspector:

Inspection Agency:

Comments: QUALIFIES GROOVE & FILLET IN THE FLAT, HORIZONTAL AND VERTICAL-UP POSITION, UP TO 3/4" PLATE.

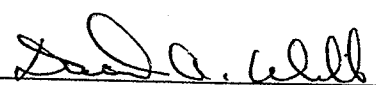
**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Doug Snowden **TEST PLATE:** 31 **TEST DATE:** 9-01-01
APPLICABLE SPEC.: AWS D1.1-00, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 4G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 47
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 22
PASS # 1-22 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 317-82-4505

Signature of Test Supervisor: 

Treatment of Weld Reinforcement: Ground

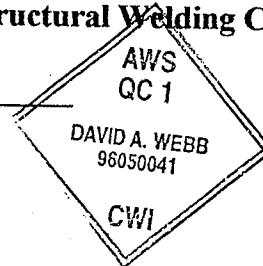
Method of Testing: Two side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-00, Structural Welding Code - Steel.

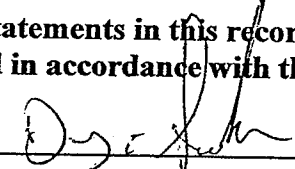
Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Doug Snowden **TEST PLATE:**100 **TEST DATE:**6-28-03
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** 100 F
PROCESS: FCAW **TYPE:** Semi - Auto
CURRENT: DCEN **JOINT PREP.:** Ground
ELECTRODE: NR-211-MPFLUX: N/A
AWS SPEC.: A5.20;E71T-11 **# OF ELECTRODES:** N/A
WIRE STICKOUT: 3/4" **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 13
PASS # 1-13 ELECT. DIA.: 5/64" **CURRENT:** 155 **VOLTS:** 21.5

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 317-82-4505

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

Method of Testing: 2 Side bends

Defects: Acceptable within code

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: 
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Doug Snowden **TEST PLATE:** 058 **TEST DATE:** 8-17-02
APPLICABLE SPEC.: AWS D1.6-99, Sect. 4, Part B **FIG:** 4.15
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: A304L **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E308L-16 **SHIELDING GAS:** None
AWS SPEC.: A5.4; **# OF ELECTRODES:** 10
WIRE STICKOUT: N/A **TRAVEL SPEED:** 3-5 ipm **# OF PASSES:** 7
PASS # 1-7 ELECT. DIA.: 5/32" **CURRENT:** 120 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: 

Social Security Number: 317-82-4505

Signature of Test Supervisor: 


Treatment of Weld Reinforcement: Ground

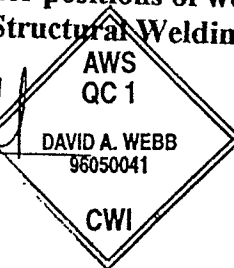
Method of Testing: Face & Root bends

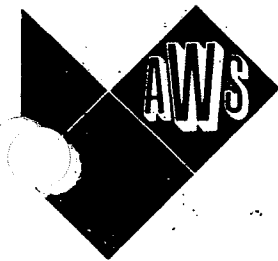
Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.3, & 4.4 of AWS D1.6-99, Structural Welding Code - Stainless Steel.

Signature of Tester: 
American Steel Erectors





Green & White Mountains Section

American Welding Society

WELD QUALIFICATION TEST REPORT

REPORT OF WELDER QUALIFICATION

CODE NO. AWS-D1.1

DATE: 5/7/83

TEST NO. AWS 5.18A

Operator: Michael Sparling

Identification No.: 8396

Process: S.M.A.W.

Laboratory No.: 8396

Power Source: Hobart M300

Speed of Travel: 5 I.P.M.

Nature of Current: DC

Polarity: Reverse

Type of Test: AWS 5.18A

Position: Vertical 3G

Base Material: A.36

Plate Thickness: 1"

Edge Preparation: Sawed

Cleaning: Grinder & Brush

Ambient Temperature: 72

Preheat: none

Amps: 115

Volts: 20

Electrode: Airco E-7018 MR

Diameter: 1/8"

Flux: _____

Layers Required: 25

Type of Specimen: AWS 5.10.1.3H

Interpass Temperature: _____

Welded: 5/7/83

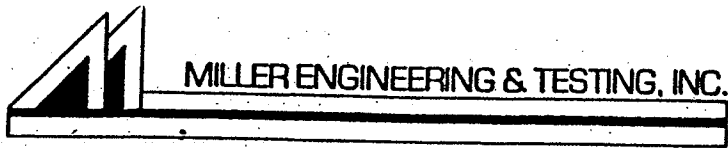
Tested: 6/11/83

Witnessed By: L. Perry

Results: Accepted

Robert E. James, CWI #77111071

Robert E. James
Final Inspector



100 Sheffield Road - P.O. Box 4776 - Manchester, New Hampshire 03108 - Tel. (603) 668-6016

WELDER CERTIFICATE # 00G-9012
CODE # MET 90-021
DATE: 12/24/90

CLIENT: American Steel Erectors, Inc.
PROJECT: American Steel Erectors Welder Qualification
SUBJECT: _____

TYPE OF TEST: Groove Weld Limited Thickness
WELDER'S NAME: Michael Sparling
PROCESS: SMAW
POSITION: Verticle
ELECTRODE: 7018
WIRE: ---
SIZE: 1/8
AMPS: 130
VOLTS: D.C. Reverse Polarity
MACHINE: Miller 200LE
NUMBER OF PASSES: ---
MATERIAL: 1/2-inch A36 Plate
PLATE #: M.S.

TYPE OF TEST:	ROOT	FACE	SIDE	RESULTS
GUIDED BEND TEST			X	Acceptable

RADIOGRAPHIC INTERPRETATION:

Base on the above test, this welder is/is not qualified to weld in the process and position noted. Qualification test performed according to A.W.S. Code for Welding Bridges & Buildings, D1.1-83.

RECEIVED
JAN 3 1991
AMERICAN STEEL ERECTORS, INC.

Respectfully Submitted,
MILLER ENGINEERING & TESTING, INC.
By: [Signature]

**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Kelly Tellier **TEST PLATE:** 121 **TEST DATE:** 12-03-05
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 3G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 27
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 23
PASS # 1-23 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Kelly Tellier*

Social Security Number: 034-68-0379

Signature of Test Supervisor: *David A. Webb*

Treatment of Weld Reinforcement: Ground

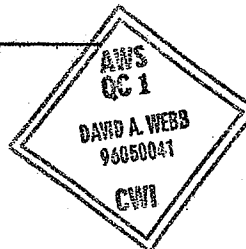
Method of Testing: 2 side bends

Defects: No defects

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code - Steel.

Signature of Tester: *David A. Webb*
American Steel Erectors



**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Kelly Tellier **TEST PLATE:** 133 **TEST DATE:** 2-11-06
APPLICABLE SPEC.: AWS D1.1-02, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 1" **POSITION:** 4G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 27
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 18
PASS # 1-18 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 22

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Kelly Tellier*

Social Security Number: 034-68-0379

Signature of Test Supervisor: *David Webb*

Treatment of Weld Reinforcement: Ground

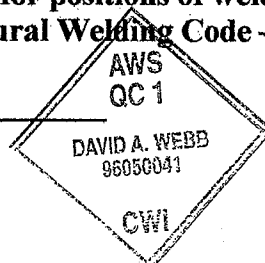
Method of Testing: 2 side bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.9 of AWS D1.1-02, Structural Welding Code – Steel.

Signature of Tester: *David Webb*
American Steel Erectors



CORPORATE HEADQUARTERS
Rt 21, P.O. Box E, Greenfield, NH 03047
603-547-3316 Fax 603-547-2230

East Coast Steel

BRIDGE DIVISION
One Wallace Ave., So. Portland, ME 04106
207-773-1885 Fax 207-773-1966

STRUCTURAL STEEL FABRICATORS AND ERECTORS BRIDGES

WELDER/WELDING OPERATOR QUALIFICATION TEST REPORT

Fabricator East Coast Steel Location Greenfield, N. H.

Name of Applicant David A. Webb Test Plate No. 25-V Test Date 5/7/90

Applicable Spec.: ANSI/AASHTO/AWS D1.1-88 Sec. 5 Part C Fig. 5.18A

Type of Weld Groove Thickness 1" Position 3GU-Vertical-up

Material ASTM 36 Yield 36,000 Preheat 70°F

Process S.M.A.W. Type (Manual, Semi-Auto, Auto) Manual

Current (Type & Polarity) DCRP Joint Preparation Burn & Ground

Electrode E7018 Flux or Shielding Gas --

AWS Spec A5.1-81, A5.5-81 No. Electrodes 1

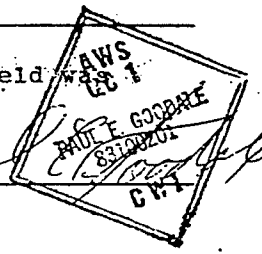
Wire Stickout -- Travel Speed -- Total No. Passes 13

Bead No. 1T013 Electrode Dia. 1/8 Current 125 Voltage 27

Ad No. _____ Electrode Dia. _____ Current _____ Voltage _____

We certify that the statements in this record are correct and that the test weld prepared and welded in accordance with the requirements.

Signature of Welder David A. Webb Signature of Test Supervisor Paul E. Goodale



S.S. No. 329-60-4458

The above named Test Supervisor, Paul E. Goodale, personally appeared before me and made oath that the statements given above his signature are true to the best of his knowledge and belief.

Date; 5/14/90 Notary Public James D. A. [Signature] State ME

Treatment of Weld Reinf. Ground Method of Testing Bend Test

Defect (s) Two sidebend - no discontinuities

Signature of Tester: Paul E. Goodale Testing Agency East Coast Steel-Bridge Div.

Passed or Failed Passed

The above named (welder) (welding operator) (is) (is not) pre-qualified to do welding for positions of welding in accordance with Table 5-23 when using electrode classification Paragraph 5-16 of Part C- (Paragraph 5-33 of Part D) of Sect. 5, ANSI/AASHTO/AWS D1.1-88

Signature of Inspector: _____ Inspection Agency _____

Comments: _____

JAN 7 1991

THE COMMONWEALTH OF MASSACHUSETTS

Highway Department

WELDER AND WELDER OPERATOR QUALIFICATION TEST RECORD

NAME DAVID WEBB

SIGNATURE *David Webb*

SOC. SEC. # 329/ 60 /4458

DATE

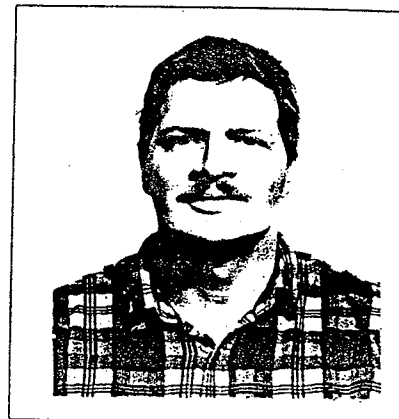
OF

PROCESS: SMAW

TEST 01/07/93

MANUAL X; SEMI-AUTO _____; AUTO. _____

TEST POSITION(S) 4G



MATERIAL SPECIFICATION A36 POSITION(S) QUALIFIED 1F, 2F, 4F, 1G, 4G

THICKNESS RANGE QUALIFIED 1/8" UNLIMITED

WALL THICKNESS & DIAMETER NA JOINT THICKNESS 1"

FILLER METAL: SPECIFICATION NO. A5.1; GROUP NO. F4
CLASSIFICATION NO. E7018; DIAMETER 1/8"

SHIELDING: FLUX N/A; GAS N/A

VISUAL INSPECTION (AASHTO/AWS) SATISFACTORY

FILLET TEST: FILLET SIZE N/A; APPEARANCE N/A; MACROETCH N/A
DESCRIPTION OF LOCATION & SIZE OF ANY CRACKS OR TEARS

GUIDED BEND TEST: PLATE A, POSITION _____ BEND 1 _____ BEND 2 _____
PLATE B, POSITION _____ BEND 1 _____ BEND 2 _____

RADIOGRAPHIC TEST: FILM I.D. 35-OH RESULTS SATIS. REMARKS _____

TESTS NO. 35 CONDUCTED BY: LARRY HARGADON/CARROLL ENGINEERS

All welds prepared, tested and inspected, in accordance with the _____

WITNESSED BY ANTHONY J. CONTORIO CWI NO. 92080314

APPROVED BY _____
Metals Control Engineer

CERTIFICATION NO. 03034

THE COMMONWEALTH OF MASSACHUSETTS

Highway Department

WELDER AND WELDER OPERATOR QUALIFICATION TEST RECORD

NAME DAVID WEBB

SIGNATURE *David Webb*

SOC. SEC. # 329/60/4458

DATE

OF 1-18-94

PROCESS: FCAW

TEST 12/21/93

MANUAL _____; SEMI-AUTO X; AUTO. _____

TEST POSITION(S) 3G, 4G

MATERIAL SPECIFICATION A36 POSITION(S) QUALIFIED ALL

THICKNESS RANGE QUALIFIED 1/8" - UNLIMITED

WALL THICKNESS & DIAMETER NA JOINT THICKNESS 1" PLATE _____

FILLER METAL: SPECIFICATION NO. A5.20; GROUP NO. F6
CLASSIFICATION NO. E71T-11; DIAMETER .068

SHIELDING: FLUX N/A; GAS NA

VISUAL INSPECTION(AASHTO/AWS) SATISFACTORY PER 9.25.1

FILLET TEST: FILLET SIZE _____; APPEARANCE _____; MACROETCH _____
DESCRIPTION OF LOCATION & SIZE OF ANY CRACKS OR TEARS _____

GUIDED BEND TEST: PLATE A, POSITION _____ BEND 1 _____ BEND 2 _____
PLATE A, POSITION _____ BEND 1 _____ BEND 2 _____

RADIOGRAPHIC TEST: FILM I. D. 2V+OH RESULTS ACCEPT REMARKS _____

TESTS NO. 2 CONDUCTED BY: LARRY HARGADON/CARROLL ENGINEERS

All welds prepared, tested and inspected in accordance with the requirements of the Bridge Welding Code (ANSI/AASHTO/AWS D1.5).

WITNESSED BY ANTHONY J. CONTRINO CWI NO. 92080314

APPROVED BY _____
Metals Control Engineer

CERTIFICATION NO. 03342



Garroll Engineers Incorporated

CONSULTING • TESTING • DESIGN

Tel. (508) 475-7652
Fax. (508) 475-7659

200 Andover Street • Box 4295 • Ballardvale Sta. • Andover, Mass. 01810

WELDER, WELDING OPERATOR OR TACK WELDER QUALIFICATION TEST RECORD

Name David Webb Identification No. 2
Welding Procedure Specification No. DI.1 + DI.5 Rev. _____ Date _____

Variables	Record Actual Values Used in Qualification	Qualification Range
Process/Type (5.16.2)	FCAW	
Electrode (single or multiple)	Single	Single
Current/Polarity	DC Reverse	
Position (5.16.5)	3G, 4G	All
Weld Progression (5.16.7)	Uphill	Uphill
Backing (YES or NO) (5.16.18)	Yes	With Backing
Material/Spec. (5.16.1)	A36 to A36	
Base Metal		
Thickness: (Plate)	1"	1/8" - Unlimited
Groove		
Fillet		All
Thickness: (Pipe/tube)		
Groove	NA	NA
Fillet	NA	NA
Diameter: (Pipe)		
Groove	NA	NA
Fillet	NA	NA
Filler Metal (5.16.3)		
Spec. No.	5.20	
Class	E 71 T-11	
F-No.	6	
Gas/Flux Type (5.16.4)	NA	F6
Other	NA	NA

VISUAL INSPECTION (5.12.6 or 5.12.7)
Acceptable YES or NO Yes

Guided Bend Test Results (5.28.1/5.29.1)

Type	Result	Type	Result

Fillet Test Results (5.28.2/5.28.3; 5.39.3/5.39.4)

Appearance _____ Fillet Size _____
Fracture Test Root Penetration _____ Macronotch _____
(Describe the location, nature, and size of any crack or tearing of the specimen.)

Inspected by _____ Test Number _____
Organization _____ Date _____

RADIOGRAPHIC TEST RESULTS (5.28.4/5.39.2)

Film Identification Number	Results	Remarks	Film Identification Number	Results	Remarks
2-V	Acceptable				
2-OH	Acceptable				

Interpreted by RW Huesber Test Number C-940138
Organization Carroll Engineers, Inc. Date 1/31/94

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in accordance with the requirements of Section 5, Part C or D of ANSI/AWS D1.1, (1992) Structural Welding Code—Steel **IRON WORKERS UNION #7** year

Manufacturer or Contractor JOINT APPRENTICE COMMITTEE
Authorized By Robert E. Busch
Date 1/5/94
Form E 4

**AMERICAN STEEL ERECTORS
WELDER QUALIFICATION RECORD**

WELDER: Gary Wetherby **TEST PLATE:** 021 **TEST DATE:** 6-30-01
APPLICABLE SPEC.: AWS D1.1-96, Sect. 4, Part C **FIG:** 4.21
WELD TYPE: Groove **THICKNESS:** 3/8" **POSITION:** 1G
MATERIAL: ASTM A36 **YIELD:** 36 ksi **PREHEAT:** None
PROCESS: SMAW **TYPE:** Manual
CURRENT: DCEP **JOINT PREP.:** Ground
ELECTRODE: E7018 **FLUX:** N/A
AWS SPEC.: A5.1 **# OF ELECTRODES:** 13
WIRE STICKOUT: N/A **TRAVEL SPEED:** 5-7 ipm **# OF PASSES:** 6
PASS # 1-6 ELECT. DIA.: 1/8" **CURRENT:** 130 **VOLTS:** 23

We certify that the statements in this record are correct and that the test weld was prepared and welded in accordance with the requirements.

Signature of Welder: *Gary W. Wetherby*

Social Security Number: 009-44-1744

Signature of Test Supervisor: *David A. Webb*

Treatment of Weld Reinforcement: Ground

Method of Testing: Face & Root Bends

Defects: Acceptable

Pass / Fail: Pass

The above named welder is qualified to do welding for positions of welding in accordance with Table 4.8, & 4.9 of AWS D1.1-96, Structural Welding Code - Steel.

Signature of Tester: *David A. Webb*
American Steel Erectors

