

05120 Structural Steel
5120.1 Inspection Reports

BECKER

structural engineers

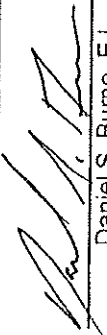
Date: January 3, 2003
 Time: 8:30 A.M.
 Temp: low 20s
 Weather: Cloudy

Project: H.P. Hood Bottle Conveyor & Facility

Inspection Report - Steel Joists
 Location: New Facility

	Satisfactory	Unsatisfactory	Not Completed	N/A
Satisfactory	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bolt Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weld Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AB's, Nuts & Wash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grout/Level PLs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plumbness/Fitup	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mtl Deck Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pour Stops	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bracing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridging	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Satisfactory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unsatisfactory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not Completed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes: I viewed steel joists at the new facility. All appeared to conform to project documents.

Signed:  Date: 1/03/03
 Daniel S. Burne, E.I.

WO 893

BECKER

structural engineers

Date: January 17, 2003
 Time: 8:30 A.M.
 Temp: Low Teen's
 Weather: Sunny

Project: H.P. Hood Bottle Conveyor & Facility

Inspection Report - Structural Steel

Location: Bridge support steel, bridge on ground

Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Unsatisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory	Unsatisfactory
Not Completed	Not Completed	Not Completed	Not Completed	Not Completed	Not Completed
N/A	N/A	N/A	N/A	N/A	N/A
	Bolt Condition				
	Weld Condition				
	AB's, Nuts & Wash				
	Grout/Level PLs	x			
	Plumbness/Fitup				
	Mtl Deck Welds		x		
	Pour Stops		x		
	Bracing				

Notes: I viewed bridge support steel at the existing building. All appeared to conform to project documents, with the exception of insufficient grout at the HSS 12x12 baseplate. At the time of my visit, grout beneath the baseplate had not yet been completed. Discussed with Project Manager, Dick Miller, agreed it would be completed.

I viewed the bridge prior to lifting into place. All appeared to conform to project documents.

Signed:  Date: 1/17/03
 Daniel S. Burne, E.I.

WO 893

Elite Inspection Services Inc.

220 Industrial Way, Unit #1
Portland, Me 04103

Telephone: (207) 797-2496
Fax: (207) 797-2284

January 8, 2003

S. W. Cole Engineering, Inc.
286 Portland Rd.
Gray, Maine 04039

Re: Inspection of Structural Steel & A-325 Bolts.
Cust. # 00-00220.1 EISI #004-03-VT, UT

Att: Roger Domingo

Dear Sir:

This letter shall serve as the report for the Visual and Ultrasonic Inspection that was performed at the H. P. Hood Dairy in Portland, Maine on December 31, 2002 and January 6, 2003. Below is a listing of the areas inspected, their location and the results.

STRUCTURAL STEEL - From Column Line A-G, 1ex-4ex.

Wind Braces

- 1) At all locations are acceptable.

Bar Joists

- 1) On Column Line 2ex & 4ex at several locations, the Tie Joists showed insufficient amount of weld because of the Bearing Leg of the Bar Joist angle was bent upward away from the Plate on the Column Top.
- 2) Erection Bolts are in place but are Loose; for approximately 75% of all Connections. There was no notations in the Drawings or Job Specification as to weather these needed to be removed or tightened in place.

A-325 Bolts

- 1) From Column Line A-G, 1ex-4ex; at the following locations showed Loose Bolts: Cex.2.8; Dex.4ex; C.5,4ex; Eex.4ex and Eex.2ex. These will need to be reinspected after being tighten. Several of these Bolts are on the Sidewall Girts that were removed to facilitate the entry of equipment to the Interior of the building. All locations are marked with Black Marker.

Ultrasonic Inspection

- 1) Inspection was requested for Moment Connections. No welded Moment Connections were in evidence. (See attached Sheet)

All acceptable welds were found to be LAW AWS D1.1 and all applicable drawings. Please feel free to call if you have further questions concerning these findings.

Respectfully yours,



Stephen A. Martelli
E.I.S.I.

1.9

Elite Inspection Services Inc.

220 Industrial Way, Unit #1
Portland, Me 04103

Telephone: (207) 797-2496
Fax: (207) 797-2284

January 19, 2003

Centerline Construction, Inc.
PO Box. 1264
Portland, Maine 04104

Re: Reinspection of Structural Steel & A-325 Bolts.

Att: Sean Boyles

Dear Sir:

This letter shall serve as the Field report for the Visual Inspection that was performed at the H. P. Hood Dairy in Portland, Maine on January 17, 2003. Below is a listing of the areas inspected, their location and the results.

STRUCTURAL STEEL - From Column Line A-G, 1ex-4ex.

Bar Joists

- 1) On Column Line 2ex & 4ex at several locations, the Tie Joists showed Insufficient amount of weld because of the Bearing Leg of the Bar Joist angle was bent upward away from the Plate on the Column Top. After discussing this with Mike Church, Owner Church's Welding, He conveyed that the welds are on the Outside end of the Bar Joists because that was the only place where the seats met the Column Top. There is a full length weld equal to the width of the Tie Joist at each of these locations.
- 2) Erection Bolts are in place but are Loose; for approximately 75% of all Connections. There was no notations in the Drawings or Job Specification as to weather these needed to be removed or tightened in place. All Bolts were tightened.


-2-


A-325 Bolts

1) From Column Line A-G, 1ex-4ex; at the following locations showed Loose Bolts: Cex,2.8; Dex,4ex; C.5,4ex; Eex,4ex and Eex,2ex. These will need to be reinspected after being tighten. Several of these Bolts are on the Sidewall Girls that were removed to facilitate the entry of equipment to the Interior of the building. All locations are marked with Black Marker. **All Bolts were tightened and are acceptable.**

All acceptable welds were found to be IAW AWS D1.1 and all applicable drawings. Please feel free to call if you have further questions concerning these findings.

Respectfully yours,


 Stephen J. Martelli
 E.I.S.I.



Elite Inspection Services Inc.

229 Industrial Way, Unit #1
Portland, Me 04103

Telephone: (207) 797-2496
Fax: (207) 797-2284

February 21, 2003

S. W. Cole Engineering, Inc.
286 Portland Rd.
Gray, Maine 04039

Re: Inspection of Structural Steel & A-325 Bolts.
Cust. # 00-00220.1 EISI #054-03-VT

Att: Roger Domingo

Dear Sir:

This letter shall serve as the report for the Visual Inspection that was performed at the H. P. Hood Dairy in Portland, Maine on January 30, February 6 & 17, 2003. Below is a listing of the areas inspected, their location and the results.

A-325 BOLTS

- 1) Examination of Bolted Connections for Overhead Fall Protection Beams in the Milk Delivery Area has found the following:
 - a) All Bolts Located in the Horizontal Position (Shear Load) are acceptable.
 - b) At several locations, on both Center Beams, in the Vertical Position (Downward Load); the Bolts were tight but of Insufficient Length as according to A.I.S.C. on February 6, 2003. These are unacceptable.
 - c) On February 17, 2003 these Bolts were reinspected and found acceptable.
 - d) All wallied Anchored Bolts are acceptable.

-2-

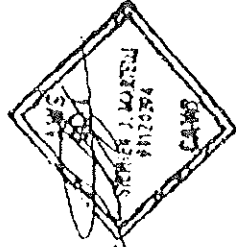
Entry Stairway

1) All Welded Connections for the Entry Stairway leading to Truss T2A are acceptable.

All acceptable welds were found to be IAW AWS D1.1 and all applicable drawings. Please feel free to call if you have further questions concerning these findings.

Respectfully yours,

Stephen J. Martelli
Stephen J. Martelli
E.I.S.I.



Elite Inspection Services Inc.

220 Industrial Way, Unit #1
Portland, Me 04103

Telephone: (207) 797-2496
Fax: (207) 797-2284

January 23, 2003

S. W. Cole Engineering, Inc.
286 Portland Rd.
Gray, Maine 04039

Re: Inspection of Structural Steel & A-325 Bolts.
Cust. # 00-00220.1 EISI #027-03-VT

Attn: Roger Domingo

Dear Sir:

This letter shall serve as the report for the Visual Inspection that was performed at the H. P. Hood Dairy in Portland, Maine on January 17 & 20, 2003. Below is a listing of the areas inspected, their location and the results.

STRUCTURAL STEEL - TRUSS - T2A

A-325 Bolts


- 1) On Column Line 5; Brace Elevation, Bolted Connections were tight and acceptable.

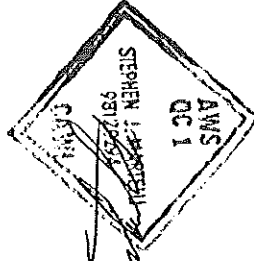
Structural Steel Field Welds

- 1) All Field Welded Connections to facilitate Erection of the Truss including Structural Steel Connections e.g.: Wind Braces, Base Plates; are acceptable.

All acceptable welds were found to be IAW AWS D1.1 and all applicable drawings. Please feel free to call if you have further questions concerning these findings.

Respectfully yours,


Stephen J. Martelli
E.I.S.I.



05120 Structural Steel
05120.2 Certifications



STRUCTURAL STEEL FABRICATORS OF NEW ENGLAND

BY AUTHORITY OF THE BOARD OF DIRECTORS

James A. McBrady, Inc.

having been duly elected to membership
is hereby certified as

Member

and entitled to all privileges thereof

Elected prior to 1987

Emile W. Poup, P.E.
Consultant

Richard J. Rust
President

THIS IS TO CERTIFY THAT
James A. McBrady, Inc.

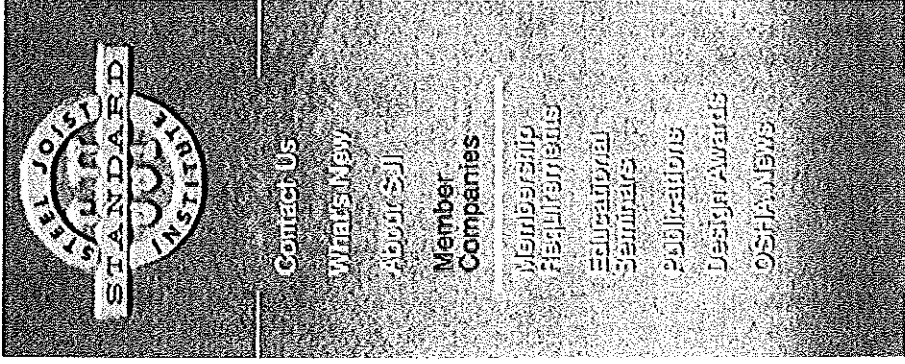
IS AN ACTIVE MEMBER OF

American Institute of Steel Construction
INCORPORATED

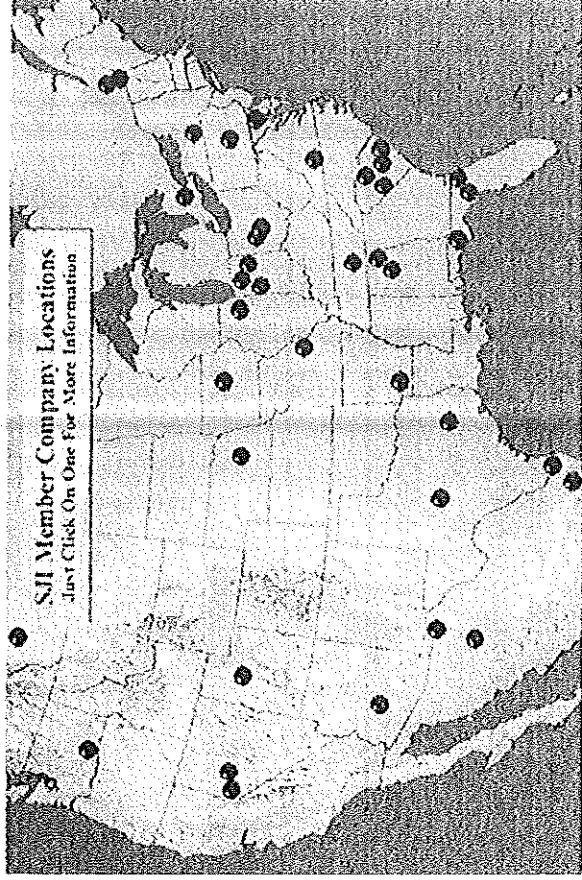
ELECTED TO MEMBERSHIP

April 27, 1983





MEMBER COMPANIES



- [List of All Member Companies](#)
- [List of Associate Members](#)

Here are your results for: ALL

Alabama

Name: **VULCRAFT DIV., NUCOR CORP.**
 Address: **P. O. Box 169**
 7205 Gault Ave., N.
 City, State Zip: **Fort Payne, AL 35967**
 Phone: **(256) 845-2460**
 Fax: **(256) 845-2823**
 Web Address: **www.vulcraft.com**

[return to top](#)

Name: **VALLEY JOIST, INC.**
 Address: **P. O. Box 680718**
 3019 Gault Ave., N.
 City, State Zip: **Fort Payne, AL 35967**
 Phone: **(256) 845-2330**
 Fax: **(256) 845-2597**
 Web Address: **www.valleyjoist.com**

[return to top](#)

Arkansas

Web Address: www.smijoist.com

[return to top](#)

Iowa

Name: SMI Joist Company - IA
Address: P.O. Box 340
1120 Commercial St.
City, State Zip: Iowa Fall, IA 50126
Phone: 888-290-6875
Web Address: www.smijoist.com

[return to top](#)

Illinois

Name: GOODER-HENRICHSEN CO.
Address: P. O. Box 6197
Chicago, IL 60680-6197
2900 State Street
City, State Zip: Chicago Heights, IL 60411
Phone: (708) 757-5030
Fax: (708) 757-3157

[return to top](#)

Indiana

Name: VULCRAFT DIV., NUCOR CORP.
Address: P. O. Box 1000
6610 County Rd. 60
City, State Zip: St. Joe, IN 46785
Phone: 260-337-1800
Fax: 260-337-1801
Web Address: www.Vulcraft-IN.com

[return to top](#)

Name: New Millennium Building Systems, LLC
Address: 6115 Co. Rd. 42
6115 Co. Rd. 42
City, State Zip: Butler, IN 46721
Phone: 260-868-6000
Fax: 260-868-6001
Web Address: joist-deck.com

[return to top](#)

Maryland

Name: CANAM STEEL CORP.
Address: P. O. Box C-285 (zip 21777-0285)
4010 Clay St. (zip 21777)
City, State Zip: Point of Rocks, MD
Phone: (301) 874-5141
Fax: (301) 874-2646
Web Address: www.canammanac.com

[return to top](#)

Missouri

Name: CANAM STEEL CORP.
Address: 2000 Main Street (zip 63090-1008)
City, State Zip: Washington, MO
Phone: (636) 239-6716
Fax: (636) 239-4135
Web Address: www.canammanac.com

[return to top](#)

Nebraska

Name: VULCRAFT, NUCOR CORP.
Address: P. O. Box 59
1601 West Omaha Ave. (zip 68701)
City, State Zip: Norfolk, NE 68702-0059
Phone: (402) 644-8500
Fax: (402) 644-8528
Web Address: www.vulcraft.com

[return to top](#)

Nevada

Name: SMI JOIST COMPANY
Address: 8200 Woolery Way
City, State Zip: Fallon, NV 89406-9343
Phone: (888) 643-1577
Fax: (775) 867-2140
Web Address: www.smijoist.com

[return to top](#)

Name: VALLEY JOIST, INC.
Address: P.O. Box 2170

255 Logan Road

City, State Zip: Fernley, NV 89408-2170

Phone: (775) 575-7337

Fax: (775) 575-7222

[return to top](#)

New York

Name: VULCRAFT DIV., NUCOR CORP.
Address: P.O. BOX 280

5362 Railroad Street

City, State Zip: Chemung, NY 14825

Phone: 607-529-9000

Fax: 607-529-9001

[return to top](#)

Ohio

Name: SOCAR, INC.
Address: P. O. Box 219

West Rice Street

City, State Zip: Continental, OH 45831

Phone: (419) 596-3100

Fax: (419) 596-3120

Web Address: www.socarinc.com

[return to top](#)

Name: CANAM STEEL CORP

Address: 555 N. Yearling Road

City, State Zip: Columbus, OH 43212

Phone: (614) 235-9805

Fax: (614) 235-9901

Web Address: www.canammanac.com

[return to top](#)

Pennsylvania

Name: NEW COLUMBIA JOIST COMPANY
a subsidiary of Bouras Industries, Inc.
Address: P.O. Box 31 (zip 17856-0031)
Old Hwy. 15 (zip 17856)

City, State Zip: New Columbia, PA
Phone: (800) 631-1215
Fax: (570) 568-1001
Web Address: www.njb-united.com

[return to top](#)

South Carolina

Name: VULCRAFT DIV., NUCOR CORP.
Address: P. O. Box 100520
1501 W. Darlington
City, State Zip: Florence, SC 29501
Phone: (843) 662-0381
Fax: (843) 662-3132
Web Address: www.vulcraft.com

[return to top](#)

Name: SOCAR, INC.
Address: P. O. Box 671 (zip 29503-0671)
2527 E. National Cemetery Rd., (zip 29506)
City, State Zip: Florence, SC
Phone: (843) 669-5183
Fax: (843) 669-0675
Web Address: www.socarinc.com

[return to top](#)

Name: EAST COAST STEEL
Address: P. O. Box 9608 (zip 29290, Columbia)
2051 Congaree Rd./Hwy. 769
City, State Zip: Eastover, SC 29044
Phone: (803) 776-9300
Fax: (803) 783-4005

[return to top](#)

Name: SMI JOIST CO.-SOUTH CAROLINA
Address: P. O. Box 2808 (zip 29171)
850 Taylor Street (zip 29033)
City, State Zip: Cayce, SC
Phone: (803) 796-5910
Fax: (803) 796-3876
Web Address: www.smijoist.com

[return to top](#)

Name: DARNELL STEEL PRODUCTS

Address: P.O. Box 33

City, State Zip: Christiana, TN 37037

Phone: 615-867-7813

Fax: 615-867-9703

Web Address: www.darnellsteel.com

[return to top](#)

Texas

Name: VULCRAFT DIV., NUCOR CORP.

Address: P.O. Box 186

Hwy. 287 North

City, State Zip: Grapeland, TX 75844

Phone: (936) 687-4665

Fax: (936) 687-4290

Web Address: www.vulcraft.com

[return to top](#)

Name: DARNELL STEEL PRODUCTS

Address: 316 Tivydale Road

City, State Zip: Fredericksburg, TX 78624

Phone: 615-867-7813

Fax: 615-867-9703

Web Address: www.darnellsteel.com

[return to top](#)

Utah

Name: VULCRAFT DIV., NUCOR CORP.

Address: P. O. Box 637

1875 West Hwy. 13, South

City, State Zip: Brigham City, UT 84302

Phone: (435) 734-9433

Fax: (435) 723-5423

Web Address: www.vulcraft.com

[return to top](#)

Virginia

Address: Matamoros, Mexico
Mailing Address - 2900 Central Blvd., Ste #
City, State Zip: Brownsville, TX 78520
Phone: (956) 546-3122
Fax: (956) 546-7174

[return to top](#)

Name: CANAM DE JUAREZ
Address: Juarez, Mexico
Mailing Address - F-14 Bassett Ctr., #107
6001 Gateway West
City, State Zip: El Paso, TX 79925
Phone: 01152-(656) 629-0938
Fax: 01152-(656) 633-1348

[return to top](#)

© 2003 Steel Joist Institute. All Rights



AWS Certified Welder
in accordance with AWS QC-308

Qualifications **D1-31-74-P-P-U**



04-508-35-2317 Expires **9/07/90**

ROLLAND L JAMES

Valid Only If Accompanied By Photo ID

Welding Certificate of Approval

Locator James A. M. B. J. Test Item Welding M.I.E.

Name of Applicant Roll 1 A. Job Title BA Test Date 10/9/81

Applicable Spec.: AWS D1.1-75 + AASHTO Section 5.16.1.3 Part Fig.

Location of Weld Groove Trial No. 1 Position Horizontal

Material A36 Yield 500 Tolerances 0°

Process SMAW Type (Flux, Electrode, Joint, Electrode, Electrode, Electrode)

Preparation (Type & Polarity) PERF Joint Preparation Bevel Groove

Electrode E7018 Flux or Shielding Gas None

Spec. A5.1 - 80 No. Electrodes 13

Pre Stickout Travel Speed Total No. Passes 13

Weld No. 1-13 Electrode Dia. 1/8" Current 100 Voltage 100

Weld No. Electrode Dia. Current Voltage

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

Signature of Welder: Roll 1 A. Job No. 100-38-2374

Signature of Test Supervisor: James A. M. B. J.

I, above named Test Supervisor, hereby certify that the above named welder personally appeared before me and made oath that the statements given above are true and that his signature are true to the best of his knowledge and belief.

Notary Public James A. M. B. J. My Commission Expires NOVEMBER 17, 1985

Method of Weld Reinf. None Method of Test Visual

Signature of Tester: Roll 1 A. Testing Agency Roll 1 A.

Weld or Failed Passed

above named (welder) (welding operator) (is) (is not) qualified to do welding for positions of welding in accordance with the code classification of (Paragraph 5.16.1.3 of Part 5 of Sect. 5, DL.1-75 + AASHTO).

Signature of Inspector: Roll 1 A. Inspection Agency Roll 1 A.

Witnessed and Approved: Roll 1 A. Welding Supervisor/Engineer



American Welding Society

Founded in 1919 to Advance the Science, Technology and Application of Welding

July 22, 1997

Thomas L. Benwie
RR # Box 280
Alfred, N.E 04002

Dear Certified Welder:

Congratulations! You have completed the testing requirements for welder certification in the American Welding Society's Welder Certification Program. Your new wallet card is attached and your name is entered in the National Registry for Welders at the American Welding Society. Prospective employers are encouraged to contact us to verify your certification status. This is a service we provide to you as a welder in our program. The card has an issue date and no expiration date. We do not issue a new wallet card each time you renew.

Also enclosed are maintenance of certification cards which are for renewing your certification. It is very important that you maintain your certification to prevent having to retest. Mail your first card to AWS six months from the date you took your welding test to renew your certification. Each six months thereafter you need to mail another card. The cost for renewing is \$5.00 per certification and a check or money order should be enclosed with each maintenance card. We do not send you a reminder and nor do we send any verification that we received your maintenance or certification card. It is up to you to mail your card and we recommend you mail it "Return Receipt Requested" so you will have proof of submitting it. If you run out of maintenance cards you may xerox as many as you need.

A wallet brochure is included that will help interpret the qualifications on your certification card and a membership brochure is enclosed for you which describes the benefits of membership in the American Welding Society.

Thank you for your interest in the American Welding Society and its certification programs.

Sincerely,

Thomas L. Petroski
Director of Certification

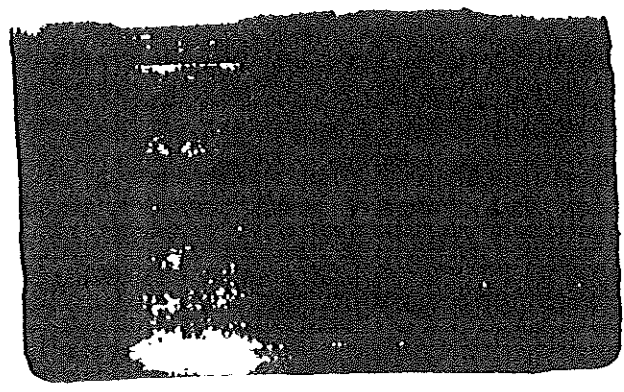
Attachment



Qualifications 1-D1.1-SM-F4-P1-A-U

ID# 006-66-6620 Issued 5/23/97

Thomas L. Benwie
Valid Only If Accompanied By Photo ID



AWS QC-3

PERFORMANCE QUALIFICATION TEST RECORD

Eye correction required Yes No Type of Eye Correction: Eye Glasses Contact lenses Magnifiers Name Thomas Beavis Social Security # 006-66-6620

Welder Operator Qualified with AWS WPS No. _____ Supplement No. _____ Test No. _____ Process (es) GMAW Manual Semi-Automatic Automatic Machine Test base metal specification A36 1" To A36 1"

Material number (M or P Number) _____ F no _____ Size _____ Holding Gas 22%CO2 88%Ar Flow Rate 40 GFR

AWS filler metal classification E70T-1 Consumable Insert Yes No Short circuiting arc (GMAW) Yes No Back Purging Yes No Current AC DC

Visual test results Pass Fail Radiographic test results NA Pass Fail Bond test results NA Pass Fail OTL 96-589 Jay E. Pechlman

PROCESS(es) QUALIFIED FOR _____

POSITION(s) QUALIFIED FOR: Pipe 1G 2G 5G 6G 6GR (T) Min _____ Max _____ Diameter _____ Range _____ Plate 1G 2G 3G 4G (T) Min _____ Max _____ Consumable Insert Backing type

Weld Position: 1F 2F 4F 5F (T) Min _____ Max _____ 1F 2F 3F 4F (T) Min _____ Max _____ Vertical Up Down Weld Deposit Min _____ Max _____ Single side Double side

The above named person is qualified for the welding process(es) 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 Code or Standard. I hereby certify that I was not involved in the training of the

above named individual as a welder: Date Tested 8/9/96 Signed by Robert McLeod Test Supervisor

AWS CWI No. _____

Signed by James C. McIsaac Corporate Representative Title _____