

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
 4001 IRVING BLVD. 75247 - P.O. BOX 568887
 DALLAS, TX 75356-8887
 Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010086

RICK STREETMAN
 TEXAS MANUFACTURING CO.
 26449 HWY 56
 WHITESBORO, TX 76273

Received Date: 01/12/2009
 Heat Code:
 Heat Number:
 PO or Work Order: 34602
 Test Spec: SEC IX ASME CODE
 Other Information: ORVILLE AYCOX, pipe marked "6" - 1G

Completion Date: 01/15/2009
 Weld Spec: TM-PQR-005
 Material Type: P1 - CARBON STEEL
 Material Size: 6" OD

TENSILE TEST:

Seq: 1

Material Type: P1 - CARBON STEEL
 Tensile ID: Transverse Weld - A

Yield Stress:
 Gauge Length:

Dimensions			Ultimate Stress		Yield Stress		% Elong	% RA	Frac Loc.
Width	Thickness	Area	Ld.Lbs.	PSI	Ld.Lbs.	PSI			
0.747	0.416	0.3108	21553	69300					BM

PASSED

Requirements:

Max:
 Min:

Seq: 2

Material Type: P1 - CARBON STEEL
 Tensile ID: Transverse Weld - B

Yield Stress:
 Gauge Length:

Dimensions			Ultimate Stress		Yield Stress		% Elong	% RA	Frac Loc.
Width	Thickness	Area	Ld.Lbs.	PSI	Ld.Lbs.	PSI			
0.746	0.409	0.3051	21658	71000					BM

PASSED

Requirements:

Max:
 Min:

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010086

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/12/2009
Heat Code:
Heat Number:
PO or Work Order: 34602
Test Spec: SEC IX ASME CODE
Other Information: ORVILLE AYCOX, pipe marked "6" - 1G

Completion Date: 01/15/2009
Weld Spec: TM-PQR-005
Material Type: P1 - CARBON STEEL
Material Size: 6" OD

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	
SIDE	X	
SIDE	X	

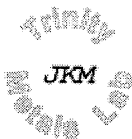
PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010099

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/13/2009 Completion Date: 01/16/2009
Heat Code: Weld Spec: TM-PQR-005
Heat Number: Material Type: P1 - CARBON STEEL
PO or Work Order: 34602 Material Size: 6"
Test Spec: SEC IX ASME CODE
Other Information: MIKE OWEN pipe marked "18" 1G

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

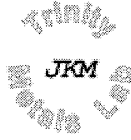
PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010097

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/13/2009

Heat Code:

Heat Number:

PO or Work Order: 34602

Test Spec: SEC IX ASME CODE

Other Information: JIM FOREY pipe marked "Jim Forey" 1G

Completion Date: 01/15/2009

Weld Spec: TM-PQR-005

Material Type: P1 - CARBON STEEL

Material Size: 6"

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

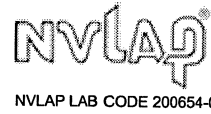
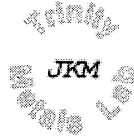
PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010088

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/12/2009
Heat Code:
Heat Number:
PO or Work Order: 34602
Test Spec: SEC IX ASME CODE
Other Information: ROBERT IRWIN pipe marked "5" - 1G

Completion Date: 01/15/2009
Weld Spec: TM-PQR-005
Material Type: P1 - CARBON STEEL
Material Size: 6" OD

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010090

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/12/2009
Heat Code:
Heat Number:
PO or Work Order: 34602
Test Spec: SEC IX ASME CODE
Other Information: LARRY DELLINGER, pipe marked "7" - 1G

Completion Date: 01/15/2009
Weld Spec: TM-PQR-005
Material Type: P1 - CARBON STEEL
Material Size: 6" OD

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

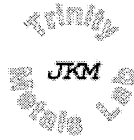
PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887
Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010101

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/13/2009
Heat Code:
Heat Number:
PO or Work Order: 34602
Test Spec: SEC IX ASME CODE
Other Information: Welder: Christopher Strunk

Completion Date: 01/16/2009
Weld Spec: TM-PQR-005 1G
Material Type: P1 - CARBON STEEL
Material Size: 6"

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

PASSED

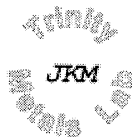
We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE

Trinity Metals Laboratory

A DIVISION OF TRINITY INDUSTRIES
4001 IRVING BLVD. 75247 - P.O. BOX 568887
DALLAS, TX 75356-8887

Phone: 214.589.7591 FAX: 214.589.7594



NVLAP LAB CODE 200654-0

Lab No: 9010095

RICK STREETMAN
TEXAS MANUFACTURING CO.
26449 HWY 56
WHITESBORO, TX 76273

Received Date: 01/13/2009
Heat Code:
Heat Number:
PO or Work Order: 34602
Test Spec: SEC IX ASME CODE
Other Information: JIMMY PAYNE pipe marked "Jimmy Payne" 1G

Completion Date: 01/15/2009
Weld Spec: TM-PQR-005
Material Type: P1 - CARBON STEEL
Material Size: 6"

BEND TEST:

Seq:1

Bend Type: QW462.2

IDENTIFICATION	PASS	FAIL
SIDE	X	
SIDE	X	

PASSED

We certify the above results to be a true and accurate representation of the sample(s) submitted. Alteration or partial reproduction of this report will void certification. NVLAP Certificate of Accreditation effective through 12-31-09. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Lab Director, Michael S. Beaton, PE