EVERSOURCE

WELDER QUALIFICATION TEST RECORD

Welder's Name Zachery Clifford	[ ] Company [X]Contractor	ID# ZC207904
Contractor (if applicable) Anderson Welding Company	State NH	Date 5/9/2024
WPS#NGA-SMA-52-B-H-2 NGA-SMA-52-F-H-2 — Welding Type: [X] Butt [X] Branch [ ] Sleeve	Supervisor/Foreman: Brandon Toussaint	
Welding Position [ ] Rolled [X] 5G [ ]6G	Progression [ ]Uphill [X]Downhill	
Code and Edition API 1104 20TH ED	Welding Process SMAW	
Type of welding machine Miller XMT 350	Welding Performed [X] Inside [ ] Outside	
Brand of Electrode: Lincoln	Welding Polarity DCEP	Preheat Temp N/A > 40°F
Pipe Grade API 5L X52	Diameter O.D. 12.75	Wall Thickness 0.375
Type of Qualification [X]Multiple [ ]Single [ ] Maintenance of Qualification		[X] Passed [ ] Failed
Knowledge Assessment: [ ] Written [X] Oral		[X] Yes [ ] No

Welding Variables & Pass Sequence for Groove Welds - Butt Joints

Weld Pass Number	1	2	3	4	5	6	7	Balance
Welding Process	SMAW	SMAW	SMAW	SMAW				
Electrode Diameter	1/8"	5/32"	5/32"	5/32"				
AWS Classification: **A5.1**	E6010	E6010	E6010	E6010				
Voltage Range	23-26	25-27	25-27	25-27				
Amperage Range	95-105	86-95	111-124	115-123				
Travel Speed (IPM)	8	9	9	8				

Welding Variables & Pass Sequence for Branch Connection , Fillet Weld or Combination Weld

Weld Pass Number	1	2	3	4	5	6	7	Balance
Welding Process	SMAW	SMAW	SMAW	SMAW				
Electrode Diameter	1/8"	1/8"	5/32"	5/32"				
AWS Classification: **A5.1**	E6010	E6010	E6010	E6010				
Voltage Range	24-26	23-25	25-27	26-28				
Amperage Range	90-100	87-95	120-130	117-127				
Travel Speed (IPM)	8	9	7	8				

Tensile Test Results (Requires CE 0Q Dept. Pre-Approval for Use)

Specimen	1	2	3	4
Thickness (T)				
Width (W)				
Area(A)=(TxW)				.
Max Load (F)				
Results IF/A)				

Nick Break Results of Groove Weld - Butt Joints

1.	PASS	5.	
2.	PASS	6.	
3.	PASS	7.	
4.	PASS	8.	

Bend Test Results

Specimen	1	2	3	4
[X] Root [ ] Side	PASS	PASS		
[X] Face [ ] Side	PASS	PASS		

Nick Break Results - Branch

1.	PASS
2.	PASS
3.	PASS
4.	PASS

Nick Break Results - Fillet (Sleeve)

1.		5.	
2.		6.	
3.		7.	
4.		8.	

Radiographed	Visual Inspection
[ ] Yes [X] No	[X] Yes [ ] No
[ ] Accept [ ] Reject	[X] Accept [ ] Reject

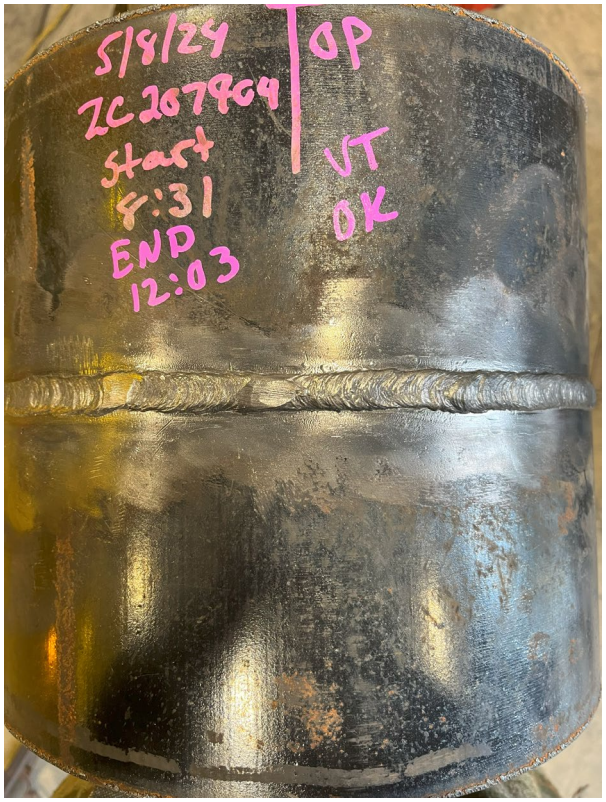
Welder Qualification Ranges and Additional Comments

WELDER IS QUALIFIED FOR ALL WELDING ON NEW CONSTRUCTION EVERSOURCE PIPING USING GROUP 1&2 ELECTRODES.
*CWI WITNESSED ALL WELDING AS IT WAS PERFORMED. VERIFIED ADHERENCE TO PROCEDURE AND TEST FORMAT. VT PERFORMED ON INITIAL FIT UP, HOLD POINTS, AND FINAL WELD.

Gregory Hamilton Lundy
CWI 21080351
QC1 EXP. 8/1/2024

Test Witnessed and Visually Inspected By: Greg Lundy	Date:5/8/2024-5/9/2024
Destructive Tested At: Anderson Welding Barington, NH	Date:5/8/2024-5/9/2024
Destructively Tested By: Greg Lundy	Date:5/8/2024-5/9/2024
Suggested Date for Maintenance of Qualification Test (Re-Qualification):	

EVERSOURCE



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