

WELDING CHARACTERISTICS:

Current: DCEP and DCEP Tungsten type: N/A Transfer Mode: Golbular
 Ranges: Amps 85 to 110 Pulsing Cycle: 0 to 0
 Volts 15 to 17 Background Current: 0
 Fuel Gas: N/A Flame: N/A Braze temp. °F 0 to 0

WELDING TECHNIQUE: For cleaning, grinding, and inspection criteria refer to Volume 2, Welding Fabrication Procedures

Technique: Semi-Auto Cleaning Method: Wire Brush or grinder
 Single Pass or Multi Pass: M Stringer or Weave bead (S/W): S/W Oscillation: N
 GMAW Gun Angle °: 0 to 15 Forehand or Backhand for GMAW (F/B): B
 GMAW/FCAW Tube to work distance:
 Maximum K/J Heat Input: Travel speed: Gas Cup Size: .5 - .75
 No single pass shall deposit greater than 1/2" thickness of material.

PROCEDURE QUALIFIED FOR:

Charpy "V" Notch: N Nil-Ductil Transition Temperature: N Dynamic Tear: N

Comments: This procedure still needs volumetric inspection to meet AWS requirements

Weld Layer	Manual Process	Filler Metals	Size	Amp Range	Volt Range	Travel/ipm	Nozzel Angle	Other
1	GMAW	ER308L	.035	85 to 110	15 to 17	9 to 12	0 - 15	
2	GMAW	ER308L	.035	85 to 110	15 to 17	to		
3	GMAW	ER308L		to	to	to		
4								
5								
6								
7								
8								

REM. * Weld layers are representative only - actual number of passes and layer sequence may vary due to variations in joint design, thickness and fitup.

Use of LANL Welding Procedures and Welder Qualifications for non-LANL work shall be at the sole risk and responsibility of the Subcontractor, and the Subcontractor shall indemnify and save LANL and the Government harmless from any and all claims, demands, actions or causes of action, and for any expense or loss by reason of Subcontractor's and their employees possession and use of LANL procedures and qualifications.