

Welder Qualification Test Record

Name	Mike Glynn		Test Date	06.05.2020
ID Number	02		Record No.	WQTR - LA - 1
Stamp ID	MG02		WPS No.	LA - GM - 14A
Company	Laser Access, LLC		Qualified To	AWS D17.1 - 2017
Division	Fabrication & Welding		Eye Examination	By Laser Access


Base Metals	Specification	Type or Grade	AWS Group No.	Size (NPS)	Schedule	Thickness	Diameter
Base Material	MIL-A-1256	High Hardness	IA	N/A	N/A	0.250-IN	N/A
Welded To	MIL-A-1256	High Hardness	IA	N/A	N/A	0.250-IN	N/A

Variables	Actual Values		Range Qualified	
Type of Weld Joint	Fillet Weld - Tee Joint, Figure 5.6		Fillet Welds Only	
Base Metal	MIL-A-1256 HH welded to MIL-A-1256 HH		Group IA, Table 5.4	
	Groove	Fillet	Groove	Fillet
Plate Thickness	Not Applicable	0.250-Inch	Not Applicable	0.168-IN - 1.000-IN
Pipe/Tube Thickness	Not Applicable	Not Applicable	Not Applicable	0.168-IN - 1.000-IN
Pipe Diameter	Not Applicable	Not Applicable	Not Applicable	1-IN Diameter & Larger
Welding Process	Gas Metal Arc Welding		Gas Metal Arc Welding (No Short - Circuit)	
Type	Semi - Automatic		Semi - Automatic or Automatic	
Backing	Not Applicable		Not Applicable	
Filler Metal (AWS Spec.)	AWS A5.9/A5.9M		A5.XX/WPS Requirements	
AWS Classification	ER 307Si (0.035-IN)		WPS Requirements	
F - Number	F - 6		F - 6	
Position	-		-	
Groove - Plate & Pipe ≥ 24-IN	Not Applicable		None	
Groove - Pipe < 24-IN	Not Applicable		None	
Fillet - Plate & Pipe ≥ 24-IN	2F (Horizontal)		1F, 2F	
Fillet - Pipe < 24-IN	Not Applicable		1F, 2F (1-Inch OD minimum)	
Progression	Not Applicable		Not Applicable	
GMAW Transfer Mode	Spray		Spray, Pulsed - Spray, Globular	
Single of Multiple Electrodes	Single		Single	
Gas/Flux Type	98% Argon, 2% Oxygen		WPS Requirements	

Test Results			
Type of Test	Acceptance Criteria	Results	Remarks
Visual Inspection	5.4.8.1 (1), Class A, Table 7.1	Acceptable	None
Metallographic Examination	5.4.8.2 (1), (4)	Acceptable	None
Not Used	Not Used	Not Used	Not Used
Not Used	Not Used	Not Used	Not Used

Test Conducted By	Bryan Mulcahy, AWS CWI No. 06111031
Laboratory	Integrated Inspection, LLC
Test Number	06.05.2020 - 2
File Number	2020.0029

We, the undersigned, certify that the statements in this record are correct and that the tests were prepared, welded, and tested in accordance with the requirements of Clause 5 of AWS D17.1 Specification for Fusion Welding for Aerospace Applications (2017).

Authorized by	Company	Date	Signature
Assy Okanin	Laser Access, LLC	06.05.2020	
Bryan Mulcahy	Integrated Inspection, LLC	06.05.2020	 Bryan J Mulcahy CWI 06111031 QC1 EXP. 11/1/2021