

PERFORMANCE QUALIFICATION RECORD

Type of Welder Manual Name Ryan A. Raffensperger Identification A65929145
 WPS Number _____ Rev No. _____ Date April 11, 2017

Variables	Values used in qualification	Qualification Range
Process/Type	SMAW	SMAW / Manual
Electrode	Single	
Current/Polarity	DCEP	
Position	3G	1G,2G,3G,1F,2F,3F
Weld Progression	Vertical up	Vertical up
Backing	Yes	With steel backing
Material/Specification	A 36 To A 36	
Base Metal Thickness: (Plate)		
Groove	3/8"	1/8" to 3/4"
Fillet	NA	Unlimited
Base Metal Thickness: (Pipe)		
Groove	NA	1/8" to 3/4"
Fillet	NA	Unlimited
Diameter (Pipe)		
Groove	NA	24" and above
Fillet	NA	24" and above
Filler Metal		
Specification number	5.1	
Classification number	E7018	
F-number	F-4	All F-4,3,2,1
Gas/Flux Type	NA	NA
Other	NA	NA

VISUAL INSPECTION

Acceptable Yes No

Guided Bend Test Results

Type	Result	Type	Result
V Side	Sat		
V Side	Sat		

Fillet Test Results

Appearance NA Fillet Size _____
 Fracture Test Root Penetration _____ Macroetch _____
 Inspected by John R. Courtney Jr. Test number 14184
 Organization ARC3 Gases Date 9/1/2017 April 11, 2017

RADIOGRAPHIC TEST RESULTS

Film identification number	Results	Remarks	Film identification number	Results	Remarks
NA					

Interpreted by _____ Number _____
 Organization _____ Date _____

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in accordance with the requirements of section 4 of AWS D1.1/D1.1M:2015, Structural Welding Code Steel

Manufacturer C. S. Monroe Technical Center Authorized By [Signature]
 Date 4-17-17

PERFORMANCE QUALIFICATION RECORD

Type of Welder Semi-automatic Name Ryan A. Raffensperger Identification A65929145
 WPS Number _____ Rev No. _____ Date March 7, 2017

Variables	Values used in qualification	Qualification Range
Process/Type	FCAW	FCAW / Semi-automatic
Electrode	Single	
Current/Polarity	DCEP	
Position	3G	1G,2G,3G,1F,2F,3F
Weld Progression	Uphill	Uphill
Backing	Yes	With steel backing
Material/Specification	A 36 To A 36	
Base Metal Thickness: (Plate)		
Groove	3/8"	1/8" to 3/4"
Fillet	NA	Unlimited
Base Metal Thickness: (Pipe)		
Groove	NA	1/8" to 3/4"
Fillet	NA	Unlimited
Diameter (Pipe)		
Groove	NA	24" and above
Fillet	NA	24" and above
Filler Metal		
Specification number	5.20	
Classification number	E71T-1	
F-number	F-6	All F-6
Gas/Flux Type	75% Ar/25%CO2	75% Ar/25%CO2
Other	NA	NA

VISUAL INSPECTION

Acceptable Yes No

Guided Bend Test Results

Type	Result	Type	Result
V Side	Sat		
V Side	Sat		

Fillet Test Results

Appearance NA Fillet Size _____
 Fracture Test Root Penetration _____ Macroetch _____
 Inspected by John R. Courtney Jr. Test number 14124
 Organization ARC3 Gases Date March 7, 2017

RADIOGRAPHIC TEST RESULTS

Film identification number	Results	Remarks	Film identification number	Results	Remarks
NA					

Interpreted by _____ Number _____
 Organization _____ Date _____

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in accordance with the requirements of section 4 of AWS D1.1/D1.1M:2015, Structural Welding Code Steel

Manufacturer C. S. Monroe Technical Center Authorized By [Signature]
 Date March 7, 2017