



Arc Welder Qualification Test for Piping Systems Operating at Hoop Stresses of 20% or More of the Specified Minimum Yield Strength

Gas Asset Strategy
4/07
FD-30.2-A

Passed Date Last Tested _____ Date _____

Failed Further Training Required _____

Welder _____ S.S. No. (last 4 digits) _____

Pipe Dia. _____ Pipe Spec. _____ Grade _____ Wall Thickness _____

Exx10 Micro Wire Butt Test Administrator _____

Exx18 Other _____ Branch Weld Position _____

Electrode Material

Electrical

Welding

Bead	Manufacturing and AWS Class	Diameter	Polarity	Amps	Volts	Direction
1 st Bead						
2 nd Bead						
Other Bead						

Tensile Tests

Specimen	Width	Thickness	Area – Sq. In.	Load - Pounds	Stress - psi	Remarks
1						
2						
3						
4						

Face Bend or Side Bend

Specimen	Location	No. Cracks	Max. Dimension	Location	Remarks
1					
2					

Root Bend or Side Bend

Specimen	Location	No. Cracks	Max. Dimension	Location	Remarks
1					
2					

Nick Break

Specimen		Gas Pockets			Slag Inclusion				Remarks
No.	Location	No.	Max. Size	Between	No.	Length	Between	Fusion	
1									
2									
3									
4									

