



Labour and Immigration
Mechanical and Engineering

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(Suggested Format B)
Welding Operator Performance Qualifications
Based on QW-301, Section IX, ASME Boiler and Pressure Vessel Code

Welding Operator's Name _____

Identification No. _____

Test Description (Information Only)

Identification of WPS followed _____ Test coupon Production weld
Specification of base metal(s) _____ Thickness _____
Base metal P or S-Number _____ to P or S-Number _____ Position (2G, 6G, 3F, etc.) _____
 Plate Pipe (enter diameter if pipe or tube): _____
Filler metal (SFA) specification _____ Filler metal or electrode classification _____

Testing Conditions and Qualification Limits When Using Automatic Welding Equipment

Welding Variables (QW-361.1)	Actual Values	Range Qualified
Type of welding (Automatic)	_____	_____
Welding process	_____	_____
Filler metal (EBW or LBW)	_____	_____
Type of laser for LBW (CO ₂ to YAG, etc.)	_____	_____
Continuous drive or inertia welding (FW)	_____	_____
Vacuum or out of vacuum (EBW)	_____	_____

Testing Conditions and Qualification Limits When Using Machine Welding Equipment

Welding Variables (QW-361.2)	Actual Values	Range Qualified
Type of welding (machine)	_____	_____
Welding process	_____	_____
Direct or remote visual control	_____	_____
Automatic arc voltage control (GTAW)	_____	_____
Automatic joint tracking	_____	_____
Position qualified (2G, 6G, 3F, etc.)	_____	_____
Consumable inserts (GTAW or PAW)	_____	_____
Backing (metal, weld metal, etc.)	_____	_____
Single or multiple passes per side	_____	_____

Results

Visual Examination of Completed Weld (QW-302.4) _____
 Bend Test; Transverse root and face [QW-462.3(a)]; Longitudinal root and face [QW-462.3 (b)]; Side (QW-462.2);
 Pipe bend specimen, corrosion-resistant overlay [QW-462.5 (c)]; Plate bend specimen, corrosion-resistant overlay [QW-462.5 (d)];
 Macro test for fusion [QW-462.5 (b)]; Macro test for fusion [QW-462.5 (e)]

Type	Result	Type	Result	Type	Result

Alternative radiographic examination results (QW-191) _____
Fillet weld-fracture test (QW-180) _____ Length and percent of defects _____
Macro examination (QW-184) _____ Fillet size (in.) _____ x _____ Concavity/convexity (in.) _____
Other tests _____
Film or specimens evaluated by _____ Company _____
Mechanical tests conducted by _____ Laboratory test no. _____
Welding supervised by _____

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of Section IX of the ASME Code.

Organization _____

Date _____

By _____