FORM QW-484A SUGGESTED FORMAT A FOR WELDER PERFORMANCE QUALIFICATIONS (WPQ)
(See QW-301, Section IX, ASME Boiler and Pressure Vessel Code)

Welder's name _____ Identification no. _____

Test Description

Identification of WPS followed _____ ☐ Test coupon ☐ Production weld Date welded _____

Specification and type/grade or UNS Number of base metal(s) _____ Thickness _____

Testing Variables and Qualification Limits

Welding Variables (QW-350)	Actual Values	Range Qualified
Welding process(es)		
Type (i.e.; manual, semi-automatic) used		
Backing (with/without)		
☐ Plate ☐ Pipe (enter diameter if pipe or tube)		
Base metal P-Number to P-Number		
Filler metal or electrode specification(s) (SFA) (info. only)		
Filler metal or electrode classification(s) (info. only)		
FIller metal F-Number(s)		
Consumable insert (GTAW or PAW)		
Filler Metal Product Form (QW-404.23) (GTAW or PAW)		
Deposit thickness for each process		
Process 1 _____ 3 layers minimum ☐ Yes ☐ No		
Process 2 _____ 3 layers minimum ☐ Yes ☐ No		
Position(s)		
Vertical progression (uphill or downhill)		
Type of fuel gas (OFW)		
Use of backing gas (GTAW, PAW, GMAW)		
Transfer mode (spray, globular, or pulse to short circuit-GMAW)		
GTAW current type and polarity (AC, DCEP, DCEN)		

RESULTS

Visual examination of completed weld (QW-302.4) _____

☐ Transverse face and root bends [QW-462.3(a)] ☐ Longitudinal bends [QW-462.3(b)] ☐ Side bends (QW-462.2)

☐ Pipe bend specimen, corrosion-resistant weld metal overlay [QW-462.5(c)]

☐ Plate bend specimen, corrosion-resistant weld metal overlay [QW-462.5(d)]

☐ Pipe specimen, macro test for fusion [QW-462.5(b)] ☐ Plate specimen, macro test for fusion [QW-462.5(e)]

Type	Result	Type	Result	Type	Result

Alternative Volumetric Examination Results (QW-191): _____ RT ☐ or UT ☐ (check one)

Fillet weld — fracture test (QW-181.2) _____ Length and percent of defects _____

☐ Fillet welds in plate [QW-462.4(b)] ☐ Fillet welds in pipe [QW-462.4(c)]

Macro examination (QW-184) _____ Fillet size (in.) _____ × _____ Concavity or 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 BOILER AND PRESSURE VESSEL CODE.

Organization _____

Date _____ Certified by _____