

**FORM QW-485 SUGGESTED FORMAT FOR DEMONSTRATION OF STANDARD WELDING
PROCEDURE SPECIFICATIONS (SWPS)
(See Article V)**

Identification of Standard Welding Procedure Specification Demonstrated _____

Demonstration Welding Variables

Specification and type/grade or UNS Number of Base Metal(s) _____

to Specification and type/grade or UNS Number of Base Metal(s) _____

Base Metal P-Number _____ to Base Metal P-Number _____ Thickness _____

Welding Process(es) used _____

☐ Plate ☐ Pipe (Enter Diameter of Pipe or Tube) _____

Groove Design (Single V, Double V, Single U, etc.) _____

Initial Cleaning Method _____

Backing (with/without) _____

Filler Metal Specification _____

Filler Metal or Electrode Classification _____

Filler Metal or Electrode Trade Name _____

Size of Consumable Electrode or Filler Metal _____

Tungsten Electrode Classification and Size for GTAW _____

Consumable Insert Class and Size for GTAW _____

Shielding Gas Composition and Flow Rate for GTAW or GMAW (FCAW) _____

Preheat Temperature _____

Position (1G, 2G, etc.) of Weld _____

Progression (Uphill or Downhill) _____

Interpass Cleaning Method _____

Measured Maximum Interpass Temperature _____

Approximate Deposit Thickness for Each Process or Electrode Type _____

Current Type/Polarity (AC, DCEP, DCEN) _____

Postweld Heat Treatment Time and Temperature _____

Visual Examination of Completed Weld (QW-302.4) _____ Date of Test _____

Bend Test (QW-302.1)

☐ Transverse Face and Root [QW-462.3(a)]

☐ Side (QW-462.2)

Type	Result	Type	Result	Type	Result

Alternative Radiographic Examination Results (QW-302.2) _____

Specimens Evaluated By _____ Title _____ Company _____

Welding Supervised By _____ Title _____ Company _____

Welder's Name _____ Stamp No. _____

We certify that the statements in this record are correct and that the weld described above was prepared, welded, and tested in accordance with the requirements of Section IX of the ASME BOILER AND PRESSURE VESSEL CODE.

Organization _____

Signature _____ Date _____ Demonstration Number _____