

QW-482 SUGGESTED FORMAT FOR WELDING PROCEDURE SPECIFICATIONS (WPS)
(See QW-200.1, Section IX, ASME Boiler and Pressure Vessel Code)

Company Name _____ By: _____
 Welding Procedure Specification No. _____ Date _____ Supporting PQR No.(s) _____
 Revision No. _____ Date _____
 Welding Process(es) _____ Type(s) _____
(Automatic, Manual, Machine, or Semi-Auto.)

<p>JOINTS (QW-402)</p> <p>Joint Design _____</p> <p>Backing (Yes) _____ (No) _____</p> <p>Backing Material (Type) _____ <small>(Refer to both backing and retainers.)</small></p> <p><input type="checkbox"/> Metal <input type="checkbox"/> Nonfusing Metal</p> <p><input type="checkbox"/> Nonmetallic <input type="checkbox"/> Other</p> <p>Sketches, Production Drawings, Weld Symbols or Written Description should show the general arrangement of the parts to be welded. Where applicable, the root spacing and the details of weld groove may be specified.</p> <p>(At the option of the Mfgr., sketches may be attached to illustrate joint design, weld layers and bead sequence, e.g., for notch toughness procedures, for multiple process procedures, etc.)</p>	<p>Details</p>
<p>*BASE METALS (QW-403)</p> <p>P-No. _____ Group No. _____ to P-No. _____ Group No. _____</p> <p align="center">OR</p> <p>Specification type and grade _____ to Specification type and grade _____</p> <p align="center">OR</p> <p>Chem. Analysis and Mech. Prop. _____ to Chem. Analysis and Mech. Prop. _____</p> <p>Thickness Range:</p> <p>Base Metal: Groove _____ Fillet _____</p> <p>Other _____</p>	
<p>*FILLER METALS (QW-404)</p> <p>Spec. No. (SFA) _____</p> <p>AWS No. (Class) _____</p> <p>F-No. _____</p> <p>A-No. _____</p> <p>Size of Filler Metals _____</p> <p>Weld Metal</p> <p>Thickness Range:</p> <p>Groove _____</p> <p>Fillet _____</p> <p>Electrode-Flux (Class) _____</p> <p>Flux Trade Name _____</p> <p>Consumable Insert _____</p> <p>Other _____</p>	

*Each base metal-filler metal combination should be recorded individually.



