

Annex C (Informative)

Sample Welding Procedure Qualification Record

(WPQR)

This annex is not part of AWS C7.3:2016, *Process Specification for Electron Beam Welding*, but is included for information purposes only.

RECORD WPQR # _____

TEST RESULTS

Part # _____

Weld Procedure # _____

VISUAL INSPECTION

Magnification Used	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Magnification # _____
Top Bead	<input type="checkbox"/> Smooth	<input type="checkbox"/> Continuous	Other _____
Undercut	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Location _____
Cracking	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Location _____
Porosity	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Location _____
Convexity	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Discoloration	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Underbead	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Joint Alignment	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	
Crater/Slope Out	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	

Test date _____

Witnessed by _____

NONDESTRUCTIVE TESTING

Dimensional Inspection Report No. _____	Result _____
Helium Leak Test Report No. _____	Result _____
Radiographic Inspection Report No. _____	Result _____
Ultrasonic Inspection Report No. _____	Result _____
Pressure Test Report No. _____	Result _____
Dye Penetrant Report No. _____	Result _____

METALLOGRAPHIC WELD EXAMINATION

Type/No. of Section _____ Transverse # _____ Longitudinal # _____ Top # _____
 Location _____

UNETCHED

Porosity	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Cracking	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Voids	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____
Lack of Fusion	<input type="checkbox"/> Acceptable	<input type="checkbox"/> Unacceptable	Note _____

ETCHED

Weld Penetration In Spec. Out of Spec. Note _____

Test Date _____

Witnesses by _____