

**GWS 1-03 – Welding and Brazing Material Procurement & Control**  
Attachment 7, Welding Checklist

Rev. 3, 02/08/10

**Completed by Project Engineer/Manager or Superintendent**

**Project ID**

<b>IWD #</b>		<b>Rev.</b>		<b>IWD Activity:</b>	
<b>Description of Welding:</b>					
<b>Exempted Welding Activity:</b> Yes <input type="checkbox"/> No <input type="checkbox"/>					
<small>For Exemptions Ref. ESM Chapter 13 – Welding, Volume 1, GWS 1-01 Para. 5.2 <a href="http://engstandards.lanl.gov/engrman/13weld/html/13-vol1.htm#101g">http://engstandards.lanl.gov/engrman/13weld/html/13-vol1.htm#101g</a></small>					
<b>Cost Center</b>	<b>Prog. Code</b>	<b>Cost. Acct.</b>	<b>Work. Pkg.</b>	<b>Work Order #</b>	<b>Task #</b>
<b>SSC is Safety Class</b> <input type="checkbox"/> - <b>Safety Significant</b> <input type="checkbox"/> - <b>ML1</b> <input type="checkbox"/> - <b>ML2</b> <input type="checkbox"/> - <b>Other</b> <input type="checkbox"/>					
<b>Name:</b>				<b>Phone:</b>	
<b>Comments:</b>					

**Design Criteria**

**Excluded/Exempt: - Yes**

Specification provided?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Codes and Standards Specified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Service or category identified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Drawings or sketch provided?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
<b>Comments:</b>			

**Completed by Superintendent/Welders Supervision + Certified Welding Inspector**

**Qualified Welding Procedures**

**Excluded/Exempt: - Yes**

Welding Procedure specified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Welding process specified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Base metal specified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
<b>Comments:</b>			

Ref. ESM Chapter 13 – Welding, Volume 3, - GWS-301 & Appendix A - Index of LANL Qualified Welding Procedure Specifications <http://engstandards.lanl.gov/engrman/13weld/html/13-vol3-spec.htm>

**Qualified Welders**

**Excluded/Exempt: - Yes**

Verify welder qualifications?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List or attach:	
<b>Comments:</b>			

Ref. ESM Chapter 13 – Welding, Volume 1, - GWS 1-05 Welder Qualification & Certification – LANL Currently Qualified Welders - <http://zirk/weldersdb/engstandard.aspx>

**Filler Material Control**

Filler material is specified in design documents or by the WPS	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
<b>Comments:</b>			

Ref. ESM Chapter 13 – Welding, Volume 1, - GWS 1-03 Welding Material Procurement & Control – <http://engstandards.lanl.gov/engrman/13weld/html/13-vol1.htm>

**Completed by Certified Welding Inspector**

**Inspection and Tests Required**

**Excluded/Exempt: - Yes**

Method and extent specified?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Independent Visual required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
Hold Points required	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	
NDE Required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	List:	

**Do not close out project until all required weld inspections have been completed.**

**Approval**

<b>CWI/SME Name:</b>	<b>Signature:</b>
<b>Certification #:</b>	<b>Date:</b>

**Caution - ASME Code-stamped components shall only be welded on by Authorized “R” Stamp holders**