

Welding Inspection Report Form Instructions

The purpose of this form is to provide an acceptable format for recording welding, brazing, and joining inspection done at LANL.

The LANL Approved Welding Inspector is responsible to complete and sign this form or one containing the information specified in ESM, Chapter 13-Welding, Volume 1, General Welding Standard (GWS) 1-02 Para. 5.6.A & B.

The following Data should be recorded in the spaces provided.

Project:	Enter the Identification # or other description of the project that will provide a document trail to the welds inspected
Location: TA: Bld: Room:	Use TA/Bld/Room where possible; the goal is to be able to return to and identify welds that were inspected.
Date:	Date the welds were inspected
Code or specification	Code or specification(including category or service) that defines the acceptance criteria used to perform this inspection
Base Material	Record the specification grade or type of base metal welded (may be more than one)
Filler Material	Record the AWS Class of filler material used for these welds (may be more than one)
Cost Information	Required only when needed by the inspector
Cost Center	Required only when needed by the inspector
Program Code	Required only when needed by the inspector
Cost Account	Required only when needed by the inspector
Work Package	Required only when needed by the inspector
Work Order	Required only when needed by the inspector
Field Change Request (FCR)	If these welds are result of or included in a field change request it must be identified
Weld Id. & Location	Each weld should have a unique id. And the location must be descriptive enough to repeat the inspection
Accept/Reject	Each weld must be determined and recorded as acceptable or rejectable
Attributes & Severity	Mark each attribute inspected with a number from 0 to 4 (0= none, 1= trace, 2= minor, 3= marginal, 4=rejectable)
Remarks	A place to record any other information needed
Inspectors Signature	Each Inspection report must be signed by the person who performed the inspection
Date	Each report must be dated when the Inspector signs the inspection report.