

SAMPLE PERFORMANCE QUALIFICATION TEST RECORD
(SMAW, GMAW, GTAW, FCAW, OFW, PAW)

Name		OPTIONAL PHOTO ID	Test Date		Rev.	
ID Number			Record No.			
Stamp No.			Std. Test No.			
Company			WPS No.			
Division			Qualified To			

BASE METALS	Product Form	Specification (Type or Grade)	M Number	Group Number	Size	Sch.	Thick.	Dia.
Product Form								
Welded To								

VARIABLES	Actual Values	Qualification Limits
Type of weld joint		
Base metal		

	Groove	Fillet	Clad / Hardf.		Groove	Fillet	Clad / Hardf.
Plate/Sheet Thickness							
Pipe/Tube Thickness							
Pipe/Tube Diameter							

Welding Process	
Type (Manual/Mech./Auto./Semi.)	
Backing	
AWS Filler Metal Specification	
AWS Classification	
F-Number	
Consumable Insert	
Weld deposit thickness	
Position	
Groove – Sheet & Tube ≥ 1"	
Groove – Tube < 1"	
Fillet – Sheet & Tube	
Clad / Hardfacing	
Vertical Progression	
Backing Gas	
OFW Fuel Gas	
GMAW Transfer Mode	
GTAW welding current/polarity	

TEST RESULTS

Type of Test	Acceptance Criteria	Result	Remarks

CERTIFICATION

Test Conducted by	
Laboratory	
Test number	
File number	

We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in accordance with the requirements of AWS D17.1/D17.1M (_____) *Specification for Fusion Welding for Aerospace Applications*.

Manufacturer or Contractor _____ Authorized By _____

Date _____

Figure G.3—Example of a Performance Qualification Test Record