



# Welder Qualification for Under 20% of SMYS

GD&TS  
07/05  
FD-30-A

## Arc Weld Test Report – SMAW \* or GMAW \* For Welders on Piping Systems Operating at Hoop Stresses of Less Than 20% of the Specified Minimum Yield Strength

(Check the Appropriate Box Below)  
 Name \_\_\_\_\_ Passed \* \_\_\_\_\_ Failed \* \_\_\_\_\_ Date \_\_\_\_\_  
 Last 4 Digits of S.S.# \_\_\_\_\_  
 Classification \_\_\_\_\_ Area/Location \_\_\_\_\_

**Note: Use a separate test report for each Qualification or Verification.  
Do not combine a Qualification and Verification Test on a single Test Report.**

Visual Test Only – 6-Month Verification of Welding in Qualification Process			
Butt Weld 6.625* OD Spools			
Test Type	Appearance (G) (S) (U)	Remarks (1) – (6)	Test Results (P) (F)
Appearance			

Destructive Test – For Qualification or Requalification					
Butt Weld 6.625* OD Spools					
Test Type Root Bend	Penetration (G) (S) (U)	Fusion (G) (S) (U)	Appearance (G) (S) (U)	Remarks (1) – (6)	Test Results (P) (F)
Bottom					
Side					
Top					
Side					
Branch Connection 3/4* on 2*, 3*, or 4* Header					
Knock Off					
Sleeve Weld 4*					
Appearance					

### Key

Use these abbreviations in the "Test Results" column: P= Pass F= Fail

Use these abbreviations in the "Penetration," Fusion," and "Appearance" columns: G= Good S= Satisfactory U= Unsatisfactory

Use these abbreviations in the "Remarks" column, as applicable: 1= Inadequate Penetration 2= Internal Concavity 3= Incomplete Fusion 4= Burn Through 5= Undercutting 6= Crack Greater Than 1/8\*

Test Inspector Signature \_\_\_\_\_

### Company Employees Only

Memo to File Complete the memo if the individual has not been qualified or has not preformed any welding in the past 6 months.

This memo verifies that the above person did not perform any type of arc welding during the past 6 months. Therefore, no test records are required for this period.

Start Date _____	Explanation _____
End Date _____	Signed By _____ Signature _____