



# ASHEVILLE-BUNCOMBE TECHNICAL COMMUNITY COLLEGE

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## PERFORMANCE QUALIFICATION TEST RECORD

Name: Ryan M. Moody Identification Welding Student Welder  Operator   
Social Security Number: \_\_\_\_\_ Qualified to WPS No. NCCC-012  
Process(es) Shielded Metal Arc Welding Manual  Semi-Automatic  Automatic  Machine   
Test base metal specification A.S.T.M. P-1 Carbon Steel To A-36 Backing  
Material number A.S.M.E. 1010 to 1040 (S.A.E. A-36) To Same  
Fuel gas (OPW) NA  
AWS filler metal classification E-7018 Group A5.1 F no. 4

Backing: Yes  No  Double  or Single side   
Current: AC  DC  Short-circuiting arc (GMAW) Yes  No   
Consumable insert: Yes  No   
Root shielding: Yes  No

Test Weldment Groove: Position Tested Weldment Thickness(T)  
Pipe 1G  2G  5G  6G  6G  Diameter(s) NA (T) NA  
Plate 1G  2G  3G  4G  (T) 3/8"  
Rebar 1G  2G  3G  4G  Bar size NA Butt   
Spliced butt

Fillet: Pipe 1F  2F  3F  4F  5F  Diameter NA (T) NA  
Plate 1F  2F  3F  4F  5F  (T) NA  
Other(describe) \_\_\_\_\_

Test Results	Remarks
Visual test results	N/A <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> 1/8" diameter electrode-oven
Bend test results	N/A <input type="checkbox"/> Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/> dried to 130°F. for min. of 6 hrs.
Macro test results	N/A <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> before test coupon use. Stringer
Tension test	N/A <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> beads, 2" backing.
Radiographic test results	N/A <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Interpass cleaning, 3/8" plate,
Penetrant test	N/A <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> chip and brush.

Qualified for: Processes Groove Thickness  
Pipe 1G  2G  5G  6G  6GR  (T) Min NA Max NA Dia NA  
Plate 1G  2G  3G  4G  (T) Min 3/8" Max 1/2"  
Rebar 1G  2G  3G  4G  Bar size: Min NA Max NA

Fillet: Pipe 1F  2F  4F  5F  6GR  (T) Min NA Max NA Dia NA  
Plate 1F  2F  3F  4F  (T) Min 3/8" Max 3/4"  
Rebar 1F  2F  3F  4F  Bar size: Min NA Max NA

Weld cladding  Position(s) \_\_\_\_\_ T Min \_\_\_\_\_ Max \_\_\_\_\_ Clad Min \_\_\_\_\_  
Consumable insert  Backing type   
Vertical Up  Down   
Single side  Double side  No backing   
Short-circuiting arc  Spray arc  Pulsed arc  NA  
Reinforcing bar-butt  or Spliced butt

The above named person is qualified for the welding process(es) used in this test within the limits of essential variables including materials and filler variables for the AWS Standard for Welding Procedure and Performance Qualification (AWS D1.1)

Date Tested 7/6/98

Signed by [Signature]  
QUALIFIER