



# Blackhawk Technical College

*Opening Doors to Life-long Learning*

## WELDER QUALIFICATION TEST RECORD

<b>Name</b> <b>Welding Student</b>		<b>Identification No.</b> 000252045						
<b>Welding Procedure Specification No.</b> AWS B2.1-1-016-94R			<b>Date</b> 5 September 1994					
		<b>Record Actual Values Used in Qualification</b>		<b>Qualification Range</b>				
<b>Variables</b>								
Process/Type (Table 4.11, Item [1])		SMAW		Single				
Electrode (single or Multiple) [Table 4.11 Item (8)]		Single						
Current/Polarity		DCEP						
Transfer Mode		N/A						
Position [Table 4.11, Item (4)]		3-G and 4-G		All Positions,				
Weld Progression [Table 4.11, Item (6)]		Vertical Upward		Vertical Upward				
Backing (YES <input checked="" type="checkbox"/> or NO <input type="checkbox"/> ) [Table 4.11, Item (7)]		Carbon Steel, M-1,S1, P-1 Group 1 or 2						
Material/Spec		ASTM A-36						
Base Metal		M-1 or P1 Group 1 or 2 to M-1 or P1 Group 1 or 2						
Thickness: (Plate)		3/8"		1/8" to 3/4"				
Groove		X		1/8" Minimum				
Fillet								
Thickness: (Pipe/tube)				1/8" Minimum				
Groove								
Fillet								
Diameter: (Pipe)				All Diameters				
Groove								
Fillet								
Filler Metal [Table 4.11, Item (3)]								
Spec. No.		AWS A5.1						
Class		E7018						
F-No.		F-4		F-No's 1,2,3,4				
Gas/Flux Type [Table 4.11, Item (3)]		N/A						
Other								
<b>Visual Inspection (4.8.1)</b>								
Acceptable Yes <input checked="" type="checkbox"/> or No <input type="checkbox"/>								
<b>Guided Bend Test Results (4.30.5)</b>								
Type	Result N/A		Type	Result 3-G Upward Progression		Type	Result 4-G	
Root	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	Root	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Root	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>
Face	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	Face	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Face	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>
<p>We, the undersigned, certify that the statements in this record are correct and that the test welds were prepared, welded, and tested in conformance with the requirements of Section 4 of AWS D1.1/D1.1M, (2008) Structural Welding Code--Steel</p>								
Manufacturer or Contractor <b>Blackhawk Technical College</b>				Authorized by Instructor Signature****				
				Date 15 May 2010				

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