

Fillet Weld Test Evaluation Form

Objective Number: _____ Date: _____

Student Name: _____ Stamp: _____

Electrode: _____ Attempt: _____

Single Pass: _____ Position: _____

Multiple Pass: _____

Type of Discontinuity	#	Your Score	Inst. Score
Overlap: each instance = (-5)			
Undercut: each 1/8" length of undercut = (-3)			
Porosity: each pinhole = (-3)			
Arc Strikes: each arc strike = (-3)			
Craters: each crater not filled to full cross section = (-5)			
Leg length: any difference greater than 1/16" = (-5)			
Convexity & concavity: each instance greater than 3/32" = (-5)			
Starts & stops: each 1/8" of overhang or late start or early stop = (=3)			
Bead width: each bead less than two or more than four core wire diameters = (-3)			
Tie-in in same bead: each valley more than 1/8" wide or hump more than 1/16" above bead height = (-3)			
Tie-in between beads: each 1/8" length of valley more than 1/16" deep = (=3)			
Stagger of in-bead tie-ins" each case of less than 1" stagger = (-3)			
Weld cleaning: any slag left on or next to the weld = (-5)			
Overall uniformity: instructor discretion = (-0 to -10)			
Total Possible		100	100
Total Penalty Deductions		-	-

Your Grade _____