

Craft: Pipeline Corrosion Control Level 2

Module: CT1_4-17



Module Title: Inspect and Perform Electrical Test of Bonds

Trainee Name:

Training Program

Sponsor:

Instructor:

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Training Program, be sure to record Performance testing results on the Registration of Training Modules form, and submit the results to the Training Program Sponsor.

OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
2	Inspect and perform electrical testing of bonds (CT1_4-17).				
	Identify potential abnormal operating conditions that may occur during performance of this CT, and know the appropriate actions to take in response to them.				
	Utilize the appropriate personal protective equipment according to relevant company procedures.				
	Identify the bond locations where measurements will be taken.				
	Conduct a visual inspection of the bond test station for physical damage to the bond station, a damaged shunt, loose connections, disconnected wires, arcing across terminals, etc.				
	Select the correct instrumentation (volt-ohmmeter, ammeter, test leads, reference cell) and be prepared to use it properly.				

Performance Profile Sheet (Page 2 of 2)

NCCER Training

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OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	Make connections with the test equipment to take and record readings.				
	Measure the potentials for each of the structures at the bond location.				
	Identify the shunt type and size.				
	Measure the direction and magnitude of current flow between the structures.				
	Field-analyze the readings to ensure they are within a desired range, including a check of the polarity.				
	Complete appropriate documentation as required by operator's procedures.				