

Performance Profile Sheet (Page 1 of 2)

NCCER Training

Craft: Pipeline Corrosion Control Level 1
 Module: CT4_3-17
 Module Title: Adjustment of Rectifier



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	Adjust a rectifier (CT4_3-17).				
	Identify potential abnormal operating conditions (AOCs) 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.				
	Remove power from the rectifier and increase the fine tap setting in progressive steps until desired settings have been achieved. If the fine tap setting reaches its highest setting, set the fine tap to the lowest setting and increase the coarse tap setting by one.				
	Determine voltage by connecting a suitable digital voltmeter across the output terminals of the rectifier.				

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OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	Determine current on a pre-installed shunt by reading the millivolt drop across the shunt and multiplying by the shunt ratio.				
	Adjust rectifier panel meters to match readings obtained with a portable meter. Measure structure-to-electrolyte potential to ensure that polarity on the pipe is correct and the pipe-to-soil potential is in the desired range.				
	If the rectifier requires further evaluation due to abnormal defects or needs adjusting, seek assistance from appropriate personnel for additional investigation and corrective actions before making any adjustments.				
	Complete appropriate documentation as required by operator's procedures.				