Performance Profile Sheet (Page 1 of 2) NCCER Training

Craft: Pipeline Electrical and Instrumentation Level 2
Module: CT44_8-17
Module Title: Inspect, Test, and Maintain Temperature Transmitters for Hazardous Liquid Leak Detection

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, test, and maintain temperature transmitters for hazardous liquid leak detection (CT44_8-17).				
	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.				
	Determine the device's number and nameplate data.				
	Before beginning the calibration process, check that the test equipment has itself been certified, calibrated, and verified, and that the transmitter's input and output ranges are appropriately matched to the end device.				
	Notify the control center, local personnel, and any other personnel who might be affected by the calibration/maintenance procedure.				

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OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	Visually inspect the device and any associated equipment.				
	Obtain an accurate reference temperature measurement from the process by using a certified thermometer.				
	Determine if transmitter calibration is required and document the current results, including all data.				
	Before beginning calibration, use the current live process temperature value to override the sensor data.				
	Disconnect the transmitter's inputs from the sensor and attach the test equipment.				
	Use the test equipment to supply simulated sensor data to the transmitter.				
	Disconnect the test equipment and restore the unit's normal connections. Terminate the override temperature value previously established.				
	Determine if transmitter calibration is required and perform any sensor trim adjustments.				
	Perform all steps required to resume normal operation.				
	Notify the control center, local personnel, and any affected personnel that the unit has been returned to normal operation.				
	Complete appropriate documentation as required by operator's procedures.				