

Performance Profile Sheet (Page 1 of 2)

NCCER Training

Craft: Pipeline Electrical and Instrumentation Level 2
Module: CT44_7-17
Module Title: Inspect, Test, and Maintain Gravimeters/Densitometers 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 gravimeters/densitometers for hazardous liquid leak detection (CT44_7-17).				
	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.				
	Determine the device's number and nameplate data.				
	Verify certification that test equipment has been calibrated prior to performing calibrations.				
	Notify control center and/or affected personnel before work begins.				
	Visually inspect the device and any associated equipment.				

Craft: Pipeline Electrical and Instrumentation Level 2
 Module: CT44_7-17
 Module Title: Inspect, Test, and Maintain Gravimeters/Densitometers
 for Hazardous Liquid Leak Detection



OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	Calibrate the device using a pycnometer or hydrometer.				
	Determine the density correction factor using a suitable method and produce an appropriate report.				
	Confirm that the density correction factor is acceptable and enter it into the flow computer.				
	If the unit needs to be removed from the pipeline for repair, determine the current live density value and enter an override to the leak detection system so it can continue operating normally during the maintenance process. Isolate the device, release pressure, empty the device and its piping, and disconnect the unit.				
	Inspect, clean, and repair the device as required.				
	Reconnect the device to the pipeline, taking care that it is correctly oriented for the flow direction (if applicable).				
	Place the device back in-line, purge, and refill the piping with product.				
	Check the instrument loop integrity to confirm that there are no leaks and that the unit is ready to return to service.				
	Notify the control center, local personnel, and any affected personnel that the unit is about to be commissioned and that startup is about to begin.				
	Clear the override density value so a live value will be available for calibration and repeat the calibration procedure.				
	Complete appropriate documentation as required by operator's procedures.				