

Performance Profile Sheet (Page 1 of 2)

NCCER Training

Craft: Pipeline Electrical and Instrumentation Level 2
Module: CT44_5-16
Module Title: Prove Flow Meters 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	Prove flow meters for hazardous liquid leak detection (CT44_5-17).				
	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 (PPE) according to relevant company procedures.				
	Determine the flow meter's number and nameplate data, and confirm the correct flow rate range for the meter in question.				
	Notify control center and/or affected personnel before work begins.				
	Confirm the correct flow rate range for the meter in question by consulting the manufacturer's specifications.				

Craft: Pipeline Electrical and Instrumentation Level 2
 Module: CT44_5-16
 Module Title: Prove Flow Meters for Hazardous Liquid Leak Detection



OBJECTIVE	TASK	RATING	DATE	START TIME	END TIME
	If using a portable prover, confirm that the pipeline pressure is within the prover's operating range and make the appropriate connections to the meter.				
	Line up the prover valves to fill and pressurize the prover and purge out all air. Check the equipment integrity to confirm that everything is working as intended.				
	Line up the prover valves for a proving run, check the block and bleed valves for seal integrity, and verify a stable temperature, pressure, and flow rate at the prover and meter.				
	Measure or otherwise ascertain the product's density or API gravity value and stability.				
	Start the proving run.				
	Confirm accurate input data and generate a meter factor through appropriate calculations or by entering the information into the flow computer.				
	Confirm that the new meter factor is appropriate and implement it as required.				
	If using a portable prover, set valves to appropriate positions to release pressure and empty the unit. Disconnect the unit and terminate all connections as necessary.				
	Return all valves to the correct positions for normal operation.				
	Notify the control center, local personnel, and any other affected personnel that the process is complete and normal operations are restored.				
	Complete appropriate documentation as required by operator's procedures.				