

Craft: Pipeline Electrical and Instrumentation Level 2
Module: CT44_3-17
Module Title: Inspect, Test, and Maintain Flow Computer 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 a flow computer for hazardous liquid leak detection (CT44_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. | | | | |
| | Determine the flow computer's manufacturer and model identifier, preferably from its faceplate. | | | | |
| | Examine the flow computer and identify everything connected to it. | | | | |
| | Before beginning any diagnostic or maintenance work, particularly actions that may affect the pipeline operation, obtain permission from the control center. | | | | |

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| | Visually inspect the flow computer for physical damage and proper electrical and I/O connections. | | | | |
| | If possible, using the flow computer's front panel and controls, check I/O parameters and the status of each connected device. | | | | |
| | Check each fieldbus, serial data line, and network connection to confirm that it is working correctly. | | | | |
| | Correct any problems detected, following the appropriate procedure as specified by the manufacturer. After corrective action, re-check the flow computer and its associated devices to confirm that everything is operating correctly. | | | | |
| | Notify the control center before bringing any equipment back on line. | | | | |
| | Complete appropriate documentation as required by operator's procedures. | | | | |