**LEVEL EXAM SPECIFICATIONS**

PIPELINE ELECTRICAL & INSTRUMENTATION, 3rd Edition, Level 2

## NCCER Overview

NCCER is a not-for-profit 501(c)(3) education foundation created in 1996 as The National Center for Construction Education and Research. It was developed with the support of more than 125 construction CEOs and various association and academic leaders who united to revolutionize training for the construction industry. Sharing the common goal of developing a safe and productive workforce, these companies created a standardized training and credentialing program for the industry.

NCCER develops standardized construction and maintenance curriculum and assessments with portable credentials. These credentials are tracked through NCCER's Registry System that allows organizations and companies to track the qualifications of their craft professionals and/or check the qualifications of possible new hires. NCCER's Registry System also assists craft professionals by maintaining their records in a secure database.

NCCER is headquartered in Alachua, Florida, and is affiliated with the University of Florida's M.E. Rinker, Sr. School of Construction Management.

## Pipeline Electrical & Instrumentation – Overview

Provides basic, intermediate and advanced training to safely inspect, operate and maintain electrical components and instrumentation on pipelines. Level 2 includes covered task training for operator qualifications (OQ).

## Module Exam Guidelines

- May use a basic function, non-printing calculator
- No extra papers, books, notes or study materials are allowed
- The minimum passing score is 70

## Study Materials

All NCCER written module exams are referenced to NCCER's curriculum listed in the content. You may order modules from Pearson (800.922.0579) or from NCCER's Online Catalog at www.nccer.org.

## Credentials

NCCER will send appropriate credentials to the location designated by the accredited training sponsor for successful completions.

## Registry

Module exam results will be maintained in NCCER's Registry and become a portable record of the candidate's training and assessment achievements.

| Table of Contents: | Recommended Training Hours | Number of Exam Items | Performance Task Required? |
|---|---|---|---|
| AOCFG-17 - Abnormal Operating Conditions Field & Gas | 5 | 20 | No |
| AOCCC-17 - Abnormal Operating Conditions Control Center | 5 | 20 | No |
| CT25_1-17 - Inspect, Test, and Calibrate Pressure Switches | 7.5 | 12 | **Yes** |
| CT25_2-17 - Inspect, Test, and Calibrate Pressure Transmitters | 7.5 | 10 | **Yes** |
| CT26_0-17 - Verify or Set Protection Parameters for Programmable Controllers and/or Other Instrumentation Control Loops | 15 | 14 | **Yes** |
| CT30_0-17 - Test Overfill Protective Devices | 5 | 8 | **Yes** |
| CT31_0-17 - Inspect and Calibrate Overfill Protective Devices | 7.5 | 8 | **Yes** |
| CT44_3-17 - Inspect, Test, and Maintain Flow Computer for Hazardous Liquid Leak Detection | 7.5 | 10 | **Yes** |
| CT44_4-17 - Inspect, Test, and Perform Corrective and Preventative Maintenance of Tank Gauging for Leak Detection | 7.5 | 10 | **Yes** |
| CT44_5-17 - Prove Flow Meters for Hazardous Liquid Leak Detection | 7.5 | 14 | **Yes** |
| CT44_6-17 - Maintain Flow Meters for Hazardous Liquid Leak Detection | 7.5 | 14 | **Yes** |
| CT44_7-17 - Inspect, Test and Maintain Gravitometers/Densitometers for Hazardous Liquid Leak Detection | 7.5 | 8 | **Yes** |

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| Table of Contents: | Recommended Training Hours | Number of Exam Items | Performance Task Required? |
|---|---|---|---|
| CT44_8-17 - Inspect, Test and Maintain Temperature Transmitters for Hazardous Liquid Leak Detection | 7.5 | 8 | **Yes** |
| CT55_0-17 - Maintain Fixed Gas Detection Equipment | 25 | 19 | **Yes** |
| ***Total Number of Training Hours & Module Exam Questions:*** | **122.5** | **175** | |