



Texas Railroad Commission Category 3 Employee License (RRC CNG-EE) TC01-0003

This course is 4-hours of classroom training for companies or individuals needing to attain their Texas Railroad Commission Category 3 License for retail and wholesale dealer. Authorizes the sale, storage, transportation for delivery, or dispensing of CNG for use other than by an ultimate consumer, and the sale, installation, service, or repair of CNG systems as set out in Categories 2, 5, and 6. *No prerequisite required for this course.*

Deliver Mode: In-Class

Learning Objectives

Student will be able to

- Describe Texas Railroad Commission license requirements.
- Describe CNG safety requirements and CNG repair facility requirements.
- Describe CNG fuel system code requirements.

Course Outline

1. Compressed Natural Gas Safety

- Introduction to CNG and definition
- Properties of CNG
- CNG safety
- Facility requirements

2. Fuel System Components

- Fuel system components and types of fuel cylinders
- Pressure Relief Device (PRD)
- Cylinder valve operation
- Fuel system regulator operation
- Manufacturer's nameplates and markings on ASME containers
- CNG compression, storage, and dispensing

3. CCFT Fuel System Installation Training

- Installation Requirements, Codes, and Standards
- Installation of fuel system, tubing, vent system, and electrical
- Fitting installation and tube bending
- Installation of pressure gauges
- Installation of cylinders and cylinder appurtenances
- System fueling, leak testing, and inspecting
- Installation of Emergency Shutdown Equipment
- Installation of Electrical Equipment