



Operator CNG Fuel System Pre and Post Trip Course (CNG-OPR) TC02-0001

This course is 2 hours of classroom and hands-on training for drivers, technicians, managers, supervisors, HSE, risk management, company's driver trainer instructor and dispatchers. Course covers properties, characteristics, and hazards of CNG fuel systems and components on CNG vehicles, Driver Pre-trip and Post-trip inspections, CNG fuel station operation, Safety and fueling procedures, and Emergency procedures for CNG vehicles. Training provides the information to allow drives to operate the vehicle in a safe manner and helps all supporting personal to manage the operations in a safe manner. *No prerequisite required for this course.*

Deliver Mode: In-Class:

Learning Objectives

Student will be able to

- Describe CNG Fuel system considerations.
- Demonstrate Pre-Trip and Post-Trip Inspections
- Demonstrate valve operation and gauge reading.
- Describe Emergency Procedures for CNG vehicles.
 - ❖ **Describe:** Evaluated by multiple choice test
 - ❖ **Demonstrate:** Evaluated by hands-on task performance

Course Outline

1. Compressed Natural Gas Safety

- Introduction to CNG
- Properties of CNG
- CNG Safety
- Tech Safety Tips
- Facility Requirements

2. CCFT Operators Training

- Pre-Trip and Pos- Trip Inspection
- Fueling Safety
- Emergency Response
- Safe Towing Practices

3. Fuel System Safety Components

- Pressure Relief Device (PRD) operations
- Pressure Relief Device (PRD) locations
- Pressure Relief Device (PRD) vents and vent direction