

## Propane & Natural Gas: Delivery Technician

This course provides training for inspecting, maintaining and operating propane delivery vehicles, filling propane storage containers, and making customer deliveries of propane. This course is designed for drivers who operate commercial motor vehicles to deliver propane, and covers Bobtail equipment and systems, including cargo tank, gauges, pumps, meters, delivery hoses and emergency discharge control equipment. The course encompasses CETP 2.1 & 2.4, 2.2 & PGANE 2.5 Supplement. Successful completion of this course and exams will help students achieve the State of Maine Propane & Natural Gas - Delivery Technician authority.

### Audience

#### **PNG1 030** Propane & Natural Gas: **Delivery Technician (CETP 2.1 & 2.4, 2.2 & PGANE 2.5 Supplement(\*))**

This course is designed for drivers who operate commercial motor vehicles to deliver propane and provides training for inspecting, maintaining and operating propane delivery vehicles, filling propane storage containers, and making customer deliveries.

Course Code	Course Name	Contact Hours
PNG1 030	<u>Propane &amp; Natural Gas: Delivery Technician</u>	32

### Course Description

#### **PNG1 030** Propane & Natural Gas: Delivery Technician

This course encompasses CETP 2.1 & 2.4, 2.2 & 2.5 (\*)

CETP Section 2.1 & 2.4 "Propane Delivery Operations & Cylinder Delivery" - focuses on training delivery personnel who operate cylinder delivery vehicles and bobtails to deliver propane. It provides information, practices, and procedures that support many general delivery tasks.

The topics covered are:

- DOT licensing, driving requirements and restrictions.
- Vehicle inspections, identification, and documentation highlights.
- Recognizing and preventing hazards associated with handling propane and other flammable liquids.
- Identifying procedures for handling out-of-gas calls and leak checking distribution piping systems.
- Safe driving strategies and procedures for handling accidents and emergencies.
- Regulations for parking CMV indoors and outdoors.
- Common features of cylinders and their valves, gauges, and fittings.
- Preparing cylinders for service, including proper inspection, purging, and valve extraction procedures.
- Filling cylinders and ASME vehicle-mounted tanks at the bulk plant.

CETP Section 2.2 “Bobtail Delivery Operations” - focuses on Bobtail equipment and systems. It also provides practices and procedures that support many general delivery tasks.

The topics covered are:

- Bobtail equipment and systems, including cargo tank, gauges, valves, pumps, meters, delivery hoses and emergency discharge control equipment.
- Presents detailed procedures for safely loading a bobtail using the plant pump.
- Discusses DOT requirements for bobtail inspections.
- Reviews the features and installation requirements of ASME tanks at customer locations.

PGANE 2.5 Supplement – Operating a Truck, Tank Trailer or Tractor/Trailer to Deliver or Relocate ASME Tanks. This supplement covers propane delivery operations and the operation of truck, tank trailer or tractor/trailer to deliver ASME tanks.

Prerequisites: PNG1 010

Required Materials: CETP 2.1 & 2.4, 2.2 textbooks; PGANE 2.5 Supplement; NFPA 54, 2012 edition; NFPA 58, 2014 edition. Course fee includes exam fees. Course fee does not include textbooks.