



# P·T·I 300-01

## Bulk Truck Propane Delivery



### Course Overview

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This course has been designed for individuals who deliver propane using a bulk delivery truck. The student may attend an instructor-led training course or, upon the direction of a P·T·I certified Trainer, study the course manual and attend a specialized review session and demonstration of correct procedures by a P·T·I certified Trainer. In either case, the certification requirements listed below must be achieved in order to successfully complete the course.

### Key Learning Objectives

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The student will gain knowledge in the following key areas:

- **Product Knowledge**  
Includes instruction on the properties and characteristics of propane; preventative measures and first aid tips specific to propane; sources of ignition and testing for leaks; emergency preparedness.
- **The Bulk Plant**  
Includes instruction on the major components of the bulk plant; the storage tank and its valves and gauges; the pumping system and the storage tank loading system.
- **Bulk Delivery Vehicles**  
Includes instruction on the basic equipment found on bulk delivery vehicles; the storage tank and its valves and gauges; the pumping system; off-truck emergency shutdown systems; procedures for conducting pre-operation inspections and step-by-step instructions for filling the tank at the bulk plant and at the gas plant.
- **Customer Container Requirements**  
Students will understand the regulatory requirements of customer containers and how they are to be installed including relief valves, pressure regulators, customer usage of propane, protection of containers and equipment, installation of cylinders and reporting procedures.



- **Filling Customer Containers**  
The step-by-step instructions required to fill customer containers including types of installations, site inspections, transferring propane and safety rules and regulations.
- **Propane Safety**  
In addition to general safety precautions to be followed, instructions for preparing the bulk truck for repairs and maintenance are also included.

## Regulatory References

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This course has been designed to satisfy regulatory requirements of the most current CAN/CSA-B149.2 Propane Storage and Handling Code. While this course has been written to satisfy national requirements, the P·T·I certified Trainer will also ensure that the student is aware of any additional requirements as outlined by the authorities in their jurisdiction.

This course satisfies national and provincial regulatory requirements including *PTO-1* ROT requirements in Ontario; *223* and *224* ROT requirements in Quebec; *Class D* and *Class E* ROT requirements in Nova Scotia; *PTO-1* and *PTO-2* ROT requirements in New Brunswick; *Tank Truck Operator* and *Cargo Liner Operator* ROT requirements in Prince Edward Island and Newfoundland & Labrador.

## Certification Requirements

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The student must successfully complete both a written and practical hands-on exam provided by a P·T·I certified Trainer. A temporary Record of Training will be issued to the student by the P·T·I certified Trainer valid for ninety days. The Propane Training Institute will issue the student a paper wall certificate and a plastic wallet card certifying successful completion of the course. P·T·I certification is valid for three years from the date of training.

## Course Duration

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The course can be completed in approximately six hours including classroom instruction, demonstration of correct procedures, written exam and practical hands-on exam. Overall duration of an individual course will vary depending on the number of students in the class and their individual skill level.

The cost of classroom instruction is determined by the Trainer and is dependent on where the training will be held and for how many students.

