



PTI 100-03

Transportation of Dangerous Goods - Propane/LPG Specific



Course Overview

This course is designed for individuals who either transport propane or liquefied petroleum gases (LPG), offer propane/LPG for transport, or direct others who transport or offer for transport propane/LPG, pertaining to UN Dangerous Goods number 1075 or 1978. The student may attend an instructor-led training course or, upon the direction of a PTI certified Trainer, study the course workbook and attend a specialized review session and demonstration of correct procedures by a PTI certified Trainer. In either case, the certification requirements listed below must be achieved in order to successfully complete the course.

Key Learning Objectives

The student will gain knowledge in the following key areas:

- **Product Knowledge and Propane Safety**
Includes instruction on the properties and characteristics of propane; personal protective equipment required; preventative measures and first aid tips specific to propane; understanding sources of ignition and testing for leaks; emergency preparedness.
- **The Transportation of Dangerous Goods Act**
Includes instruction on training and training certification requirements as well as definitions used in the Transportation of Dangerous Goods (TDG) Act and TDG Regulations amended to include SOR/2014-306 (Lithium Metal Batteries, ERAPs and Updates to Schedules).
- **Transporting Cylinders**
Includes instruction on cylinder standards, transporting cylinders in both open and closed vehicles and the specific requirements for Canadian Propane Association members to qualify for exemptions to the regulations.



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- **TDG Classification and Documentation**
Includes instruction on the classification of propane and LPG's; the United Nations Identification Numbers for propane and other LPG's; new ERAP requirements; documentation requirements including information to be placed on shipping documents and the responsibilities of the various parties involved in documentation.
- **Labels, Placards and Product Identification Numbers**
Includes instruction on the requirements of labels and placards; design specifications of labels and placards; the requirements of the Consignor in respect to labels and placards.
- **Safety Requirements and Standards**
Includes instruction on prevention of the release of dangerous goods; prohibition of overfilling containers; standards for cylinders and tanks; loading and securement of dangerous goods; incident reporting requirements.

Regulatory References

This course has been designed to satisfy regulatory requirements of the most current CSA B149.2 Propane Storage and Handling Code; the TDG Act 1992; and Transportation of Dangerous Goods Regulations amended up to and including SOR/2014-306. While this course has been written to satisfy national requirements, the PTI certified Trainer will also ensure that the student is aware of any additional requirements as outlined by the Authorities Having Jurisdiction in their specific geographic location.

Certification Requirements

The student must successfully complete a written exam provided by a PTI certified Trainer. A temporary Record of Training (ROT) will be issued to the student by the PTI certified Trainer valid for ninety days. The Propane Training Institute will issue a ROT certificate certifying successful completion of the course. PTI certification is valid for three years from the date of training.

Please note that the employer must sign and issue a wallet-sized training certificate to the employee after successful completion of training. The certificate issued to the employee must also be signed by the employee and satisfy requirements of the TDG Act and Regulations as provided in this course.

Course Duration

Classroom instruction of this course will take approximately three to four hours. In addition, it will take less than one hour to complete the written exam.

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

