

P·T·I 100-05

Inspection of Pressure Relief Valves in Propane Tanks



Course Overview

This course has been designed for individuals who are conducting a visual inspection of the pressure relief valve on propane storage tanks located at the customer site. Students who take this course may also wish to take the companion course – P·T·I's 100-06 – Visual Propane Tank Inspection. 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

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.
- **Responsibilities**
Includes instruction on the responsibilities of the owner of the propane tank, the enforcing authority and the person conducting the inspection.
- **Inspection Process**
Includes instruction on the various components of the pressure relief valve and the process to follow to conduct a visual inspection of the pressure relief valve.
- **Documentation**
Includes instruction on what information to include on an inspection form to be used to record the visual inspection.



Regulatory References

This course has been designed to satisfy regulatory requirements of the most current CAN/CSA-B149.2 Propane Storage and Handling Code, the B51 - Boilers, Pressure Vessel and Pressure Piping code and Transportation of Dangerous Goods regulations. 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 pertaining to the activities outlined in the course.

Certification Requirements

The student must successfully complete a written 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

The course can be completed in approximately four hours including classroom instruction, demonstration of correct procedures, and written 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.

