



Evacuating Propane From Consumer Storage Tanks (S003)

Course Summary

This course has been designed to train your employees on the proper procedures for safely evacuating propane from consumer storage tanks. Propane (both liquid and vapour) must be removed from the ASME consumer storage tank in order to permit the replacement of components, such as pressure relief valves (PRVs), service valves, and fill valves. Regardless of whether you will be evacuating the tank at the customer site, or back at the propane bulk plant (using an Equivalency Permit issued by Transport Canada), this training course provides all the information your staff needs to safely evacuate and prepare the tanks for PRV replacement. After completing the five lessons within this course, your employees will have an understanding of:

- What they need to know about the properties and characteristics of propane, the protective clothing they must wear while transferring the propane, and what procedures to follow in an emergency;
- What they need to know about the Transportation of Dangerous Goods Regulations requirements related to the transport of consumer storage tanks;
- What they need to know about the standards by which consumer propane storage tanks are built and the various valves and components used to evacuate propane from the tanks;
- What they need to know about the various pieces of equipment used to facilitate the movement and evacuation of consumer propane storage tanks at the customer site;
- How to evacuate propane from consumer propane storage tanks, depending on which method is employed; and
- How to flare off the remaining propane from the storage tank following evacuation.

Qualifications Required

Provincial requirements require that anyone working on the propane liquid systems or removing propane liquid from a container must be a certified propane technician with a liquid propane endorsement. However, there are other employees such as bulk truck drivers, service technicians and helpers who will be involved. This course provides a consistent procedure and is recommended for all on-site employees.

Related Fuels Learning Centre Courses

We recommend that your propane bulk truck operators take our course entitled ***Loading and Unloading Propane Tank Trucks Including Visual Tank & PRV Inspections***. That course combines the content of both our ***Loading and Unloading Propane Tank Trucks*** and our ***Visual Tank & PRV Inspections*** course. We also recommend that all other employees on site take the stand-alone version of our ***Visual Tank & PRV Inspections*** course.



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The Learning Process

Our instructors are subject matter experts who will guide your employees through the learning process. The Fuels Learning Centre recognizes your need to get new employees trained as quickly as possible. Full classroom instruction may not be readily available at the time you need, so we provide the ability for your employee to start the learning process on their own by providing access to the Study Guide. Whether they gain initial knowledge through self-study, 1-on-1 instruction, or by attending full classroom instruction, the real knowledge transfer occurs during the skills demonstration provided by a Fuels Learning Centre Instructor. Following the skills demonstration, your employee will have the opportunity to practice the skills they have learned. To ensure they fully understand the curriculum, your employee must successfully complete both a written exam and a hands-on skills evaluation.

Record of Training Certificate

Upon successful completion of both the written exam and the skills evaluation, your student will be issued a Record of Training (ROT) Certificate by the Instructor. Our ROT certificates are recognized by regulatory authorities across Canada and each certificate is customized to meet regulatory requirements of the province where your employee works. ROT certificates issued by the Fuels Learning Centre are valid for 36 months following the successful completion of the skills evaluation.

Accessing our Training Curriculum

The Fuels Learning Centre offers its training through professional Instructors who have experience delivering curriculum related to the procedures covered in our training. If you have experienced internal trainers, we will work with you to provide access to our curriculum. Our process to authorize Instructors begins with our Instructor Application. There are no fees to become authorized to deliver Fuels Learning Centre training programs, however, our Instructors are bound to a comprehensive Code of Conduct. If you rely on a third-party instructors, ask them to contact us to gain authorization to deliver our training. We can also work with you to find an Instructor in your area.