



Construction Heaters, Torches, & Propane Cylinders at Construction Sites (AV01)



Course Summary

This course has been designed to train construction site workers to safely use propane fuelled construction heaters and torches. In addition, students will learn how propane cylinders are to be stored at the construction site. This course covers all the updated requirements of the **2015 edition B149. 2 Propane Storage & Handling Code**. After completing the four lessons within this course, students will have an understanding of:

- What they need to know about the properties and characteristics of propane, propane cylinder and hose basics, the primary types of construction heaters and propane torch basics;
- What they need to know about receiving propane cylinders at the construction site and the regulatory requirements for how propane cylinders are to be installed, used, and stored;
- What they need to know about construction heaters and torches connected to stationary tank systems* at the construction site and the effects of vapourization rates on the supply of propane;
- What they need to know about the regulatory requirements for how construction heaters are to be installed and the responsibilities of rental companies and users of construction heaters;
- How to safely operate constructions heaters of various BTUH ratings;
- What they need to know about personal protective equipment and construction site emergency response plans; and
- How to safely operate hand-held propane torches.

*We cover the requirements of how propane cylinders and tank systems are installed and used to provide clarity for construction workers. Please note that tanks systems to support larger heating needs must be installed by a certified gas technician.

Related Training Programs

This course covers both construction heaters and hand-held torches. If your employees work with construction heaters only, we recommend our course **Construction Heaters & Propane Cylinders at Construction Sites (AV02)**. If your employees work only with hand-held torches, then we recommend our course **Hand-Held Torches and Propane Cylinders at Construction Sites (AV03)**.



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The Learning Process

Our instructors are subject matter experts who will guide their students through the learning process. The Fuels Learning Centre recognizes the need to get construction workers trained as quickly as possible, so our course has been designed to be delivered in approximately four hours which includes classroom instruction and a skills demonstration provided by a Fuels Learning Centre Instructor. Following the skills demonstration, the student will have the opportunity to practice the skills they have learned. To ensure they fully understand the curriculum, they 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. Our Instructors may complete the skills evaluation using a mobile device connected to our on-line learning management system, immediately triggering the release of the ROT certificate. 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 using construction heaters, torches and propane cylinders at construction sites. 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.