

Emergency Response to Liquefied Natural Gas



Course Description

Liquefied Natural Gas (LNG) is a hazardous material that poses three major risks to fire fighters and other emergency responders – it is a flammable gas that has been liquefied cryogenically; and it disperses rapidly. This course focuses on the hazards, characteristics, and risks of LNG. The training will teach students how to safely respond to LNG fires and spills through classroom and hands-on activities. This course will satisfy annual HazMat refresher training.

In this training, students will learn to take a risk-based approach when responding to incidents involving LNG, and other hazardous materials, in transportation and at fixed facilities. The students will observe the behavior of LNG when it is released from its container and attacked with water and dry chemicals; discuss hazard and risk assessment, proper selection of PPE, and basic control techniques; and work through case studies and scenario based exercises.

This program was designed by fire fighters, for fire fighters who have previously been trained to the hazmat operations level in accordance with OSHA regulations. Participants should already be trained to work in a defensive posture to confine hazardous materials and mission-specific tasks such as use of PPE, product control, and decontamination. The program has been designed to serve as an 8-hour, OSHA-compliant refresher program.

Audience

Emergency Response to Liquefied Natural Gas was developed for those fire, rescue, emergency medical service (EMS) personnel and other personnel who may respond to incidents involving liquefied natural gas.

Course Specification

Provider: International Association of Fire Fighters

Delivery Method: Classroom

Course Hours/Days: 8 hours/1 days



**If you are interested in bringing this training to your department, please visit iaff.org/hazmat-training
If you have any questions or need more information, contact hazmat@iaff.org or call (202) 737-8484**