

Program of Instruction

Course Syllabus

Course Title: Propane Firefighting

Course Duration: 4 hour

Program: Propane, Oil and Gas

Course Prerequisites: None

Course Description: LPG Emergencies is a course aimed at personnel (emergency responders, Industry and Hazardous Materials teams) who may respond to handle Liquefied Petroleum Gas emergencies. The students will learn what LPG is and tactics in handling it. There will be hands on training in handling and controlling live flammable gas releases.

Course Requirements and/or Recommendations: These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

Summary of Directions

Pre-Course Work: None

Course Work: Attend and participate in lectures and drills.

Post-Course Work: None

Full protective equipment, optional SCBA

Course Policies:

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

Course Content:

Module: 1

Title: Propane Firefighting

Terminal Learning Objectives:

At the end of this module, the student will understand basic principles of propane as it pertains to propane emergencies.

Course Schedule

<u>Event</u>	<u>Duration</u>
Module 1 – Propane firefighting	1 hour 30 minutes
Drill 1.1 – 500 gallon tank	1 hour
Drill 1.2 – Simple Flange	30 minutes
Drill 1.3 – Pipe Flange combination	30 minutes
Drill 1.4 – Bobtail	30 minutes