

Managing LNG Risks: Separating Fact from Myth

September 18 – 19, 2012 | Houston, TX

Course Overview

Understanding liquefied natural gas (LNG) properties and hazards is essential to managing risk. This two-day course provides an overview of unique LNG hazards and risk management methodologies. References will be drawn to previous LNG incidents, test programs and applicable regulations throughout the discussion.

Day 1

Assessing LNG Risks is designed to provide a non-technical overview of LNG hazards and risks.

Course Outline

- LNG Facts and Myths
- What is LNG?
- International LNG Regulations
- LNG Facilities
 - * Regasification
 - * Liquefaction
 - * Fueling Stations
- Understand Hazards, Manage Risk
- Major LNG Incidents Summary
- Facility Siting and Layout
- Facility Hazards Assessment
- Risk Mitigation Measures

Day 2

LNG Properties and Hazards is designed to provide a technical review of test results and modeling techniques.

Course Outline

- Flammability and Explosion Properties of LNG Components
- LNG Rollover
- Large-Scale LNG Spill Tests
- LNG Release Rates
- The Spreading of LNG Spills on Land and Water
- Rapid Phase Transition
- Flammable Vapor Cloud Dispersion
- Fires and Explosions
- Thermal Radiation from LNG Pool Fires



About us...

ioMosaic Corporation is the leading provider of safety and risk management consulting services, training and software solutions. Our first-hand knowledge of industry standards and regulations, coupled with decades of experience, provides us the rare ability to understand an issue from both the client's and regulator's perspective. We have industry-adopted tools and methodologies that we can apply to your most basic or complex problems and challenges.

For more information, please visit our website at www.ioMosaic.com or contact us at sales@ioMosaic.com or F 603.386.6522.

Participants

This course is ideally suited to anyone working for, or associated with, the LNG industry, particularly those involved in LNG project development, operations, and safety and risk management.

Fee

The course fee includes lunch and refreshments; does not include hotel accommodations or travel.

- \$595 (1 day)
- \$995 (2 days)

Contact Us

Salem

Corporate Headquarters
93 Stiles Road
Salem, NH 03079
T 603.893.7009

Houston

2401 Fountain View Drive
Suite 850
Houston, TX 77057
T 713.490.5220

Minneapolis

401 North 3rd Street
Suite 410
Minneapolis, MN 55401
T 612.338.1669

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Instructors

Georges A. Melhem, Ph.D.

Dr. Melhem is president and CEO of ioMosaic Corporation. He is an internationally known pressure relief design, chemical reaction systems, and fire and explosion dynamics expert. In this regard, he has provided consulting and design services, expert testimony and incident investigation support, and reconstruction for a large number of clients. Dr. Melhem holds a Ph.D. and an M.S. in Chemical Engineering, as well as a B.S. in Chemical Engineering with a Minor in Industrial Engineering, all from Northeastern University. He is also a fellow of the American Institute of Chemical Engineers (AIChE).

Mr. Henry Ozog

Mr. Ozog is the general partner of ioMosaic Corporation. He is an expert in process safety and risk management, process hazard analysis and process safety auditing. He has helped numerous companies and governmental agencies identify process risks and implement cost-effective mitigation measures. He teaches courses in each of these areas and is also an instructor for the American Institute of Chemical Engineers' (AIChE) Educational Services.

Course Information

Enrollment Information

We suggest you register as early as possible as enrollment for each course is limited. You may register online at: www.iomosaic.com or via telephone or facsimile. We accept payment by check, credit card or company purchase order.

Times

Course registration and check-in begin one half hour before start time on the first day of each course. Course will typically run from 8:30 a.m. to 5:00 p.m.

Cancellations

Please notify us of cancellations in writing as soon as possible. Cancellations within two (2) weeks of the course date are subject to a charge of 50% of the registration fee. If you fail to notify us of your cancellation before the course begins, you will be responsible for the full fee. There is no charge for substitutions.

Location and Lodging

Please contact us at 603.893.7009 to find out which hotel will be available for each course. Participants are responsible for making their own hotel reservations.

Continuing Education Credits

Our training courses address the requirement of the International Association for Continuing Education and Training (IACET) and participants receive continuing education credits.

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