

FIRE FIGHTING FOAM WORKSHOP

STORAGE TANK FIRE RESPONSE, FIRE FIGHTING FOAM APPLICATION WORKSHOP AND LNG HANDS ON TRAINING

DAY 1 CLASSROOM 20TH FEBRUARY 2024 0830 -1630

- Principles of Fire Hazard Management Overview
- Firefighting Foam - an Introduction
- Foam development and how we arrived at current situation
- Major Tank Fire Case Study – Denver Stapleton Airport
- Foam system design standards
- Foam Fire Performance Test Standards
- Classroom Exercise
- Storage Tank Scenarios and Response Options

DAY 2 TRAINING/ TEST SITE 21ST FEBRUARY 2024 0830-1630

- Demonstration - Portable Foam Application Devices
- Expansion Rates, Matching/ Mismatching equipment etc
- “Half Tank” Fire – Foam and Dry Chemical Application - Practical
- Demonstrations of ethanol fire and foam application, BLEVE and Boilover
- Demonstration of standard foam performance testing systems
- Rim seal fire simulator ground level – Practical
- Rimseal fire simulator – High Level – Practical
- Bund Fire with obstructions – Practical
- Full surface fire – with monitor – Practical
- Classroom debrief

DAY 3 CLASSROOM 22ND FEBRUARY 2024 0830-1630

- Foam System On-going Assurance – an holistic approach
- Syndicate exercises
- Latest Foam Application Research
- Preplanning for Foam Attack – Large Capacity Systems
- Syndicate Exercise Finalisation and Review
- Case History – The Buncefield Incident and other similar incidents.
- Close Out



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**OPTIONAL LNG TRAINING:
23RD FEBRUARY 2024
0830-1630**

- LNG properties and fire behavior and controlling incidents with foam (Classroom)
- Demonstration of materials immersion, spill on land and spill on water.
- Rapid Phase Transition
- Leiden frost effect demo
- Water application and LNG vaporization
- Ignition by static flame on cloud edge
- LNG fire extinguishment using dry chemical
- LNG foam application for vapor suppression
- LNG flange spill control equipped with cryogenic protection.
- LNG flange fire control using water lines and dry chemical powder
- Classroom close out



FEE PER ATTENDEE: DAYS 1-3 £3,150

FEE PER ATTENDEE: DAYS 1-4 £4,000

FEE PER ATTENDEE: OPTIONAL LNG DAY £1,750

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ADDITIONAL INFORMATION

PAYMENT:

VIA BANK TRANSFER OR CREDIT CARD (VIA PAYPAL)

PLEASE CONTACT INFO@LASTFIRE.ORG TO REGISTER PAYMENT. BOOKINGS WILL ONLY BE CONFIRMED ON RECEIPT OF PAYMENT

PLEASE LET US KNOW WHAT OPTION YOU ARE INTERESTED IN (DAYS 1-3 OR FULL COMBINED COURSE)

LOCATION:

<https://www.centrojoellanos.es/home>

TRAVEL:

DELEGATES ARE RESPONSIBLE FOR TRAVEL TO AND FROM THE TRAINING GROUND

AIRPORT IS ASTURIAS (VIA MADRID FOR INTERNATIONAL FLIGHTS)

THE BEST OPTION FOR TRAVEL TO THE TRAINING CENTRE FROM AIRPORT/ HOTEL IS CAR HIRE

ACCOMMODATION:

RECOMMENDED HOTEL IS ABBA HOTEL GIJON: <https://www.abbahoteles.com/en/destinations/abba-playa-gijon-hotel/hotel.html>

PLEASE NOTE: BASIC LUNCH IS INCLUDED AND WILL PROVIDED AT THE FACILITY

DELEGATES WILL RECEIVE A MEMORY STICK CONTAINING ALL PRESENTATIONS