

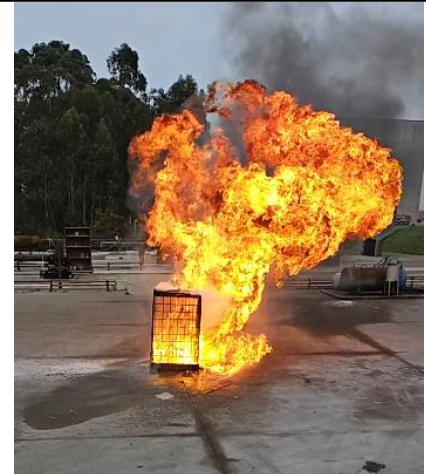
Foam Application and Tank Fire Workshop

September 24th-27th 2024

Centro Jovellanos, Spain



With increasing pressure to transition to PFAS free foam it is even more critical to have up to date, independent end-user driven information on its application, limitations and capabilities. This workshop brings together practical exercises with classroom sessions that provide comprehensive information on these critical issues.



Key points

Presenters with worldwide experience

- Up to date knowledge on latest foam testing and research
- Members of NFPA 11 Committee
- LASTFIRE Project Coordinators
- Authors of internationally recognised industry guidance
- Multi-tank fire incident experience
- Industrial and aviation related experience

Opportunity to train and practice on real fuel fires

Total independence from suppliers

Applicable to all foam users:

- Industry
- Municipal
- Aviation
- Defence

Course Presenters

Niall Ramsden

- Member NFPA 11 and EN13565 Part 2 Foam Systems Committees
- Lead author Energy Institute MCOSP Part 19
- Member of NFPA Research Foundation Foam Transition Roadmap Working Group.
- Co-author Arctic Council Foam Transition Manual
- LASTFIRE Project Coordinator

Barbara Chisholm

- Extensive international experience of testing foam and foam systems to recognised performance test protocols
- LASTFIRE Project Team Member

Jaime Bleye

- Experienced specialist trainer in foam application

Programme

Day 1 – 0830 -1600

Principles of Fire Hazard Management
Overview

Firefighting Foam – an introduction,
terminology etc

Foam development and basis for current
fluorine free foam situation

Transition process and key issues

Major Tank Fire Case Studies

- Denver Airport
- Sarnia Refinery

Atmospheric Storage Tank Fire Scenarios

How to use foam with special
considerations for Fluorine Free types

Day 2 – 0830 -1600

Testing standards for fire fighting foam
performance- with special reference to
fluorine free foam

Foam quality measurements

Measuring foam properties exercise

Test ground – Demonstration of different
foam fire performance test standards,
expansion and drainage time
measurements

PPE collection, walk round test/training
site – safety briefings etc.

Storage Tank Fires – response options

Foam System Design Standards

Day 3 -- 0830 -1600

Rimseal fire tactics

Practical exercises and demonstrations –
Test/training site

- Low, medium and high expansion
foam demonstrations
- Proportioning systems –
demonstrations
- Alcohol fires and foam application
demonstration
- Boilover demonstration
- **Practical exercises**
 - Running fuel/Pressurised fire
 - Rimseal fire with dry
chemical extinguishers
 - Bund fire
 - Elevated rimseal fire
 - Full surface tank fire -

Day 4 – 0800 -1230

Foam assurance principles and practices

Latest industrial application foam
research programmes

Syndicate exercise debrief

Case history – The Buncefield Incident
and similar multi-tank incidents

Sessions finish 1230

Price 3350 Euros
LASTFIRE Member company
delegates receive 10%
discount

To register interest and receive full details contact
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