

Foam Application and Tank Fire Workshop

With increasing pressure on foam users to adopt policies minimising environmental consequences of their actions, it has never been more critical to ensure that firefighters are fully trained in the latest issues of flammable liquid fire response. This Workshop provides a unique opportunity to hear about best practice application techniques, large scale research work and the current issues of foam application - as well as the opportunity to take part in hands-on firefighting in realistic conditions!

The course content is based on the Course Director's many years of experience running such events internationally. It draws heavily on the collective knowledge and experience of the LASTFIRE Group (www.lastfire.org) - the global industry organisation developing best practice guidance in Storage Tank Fire Hazard Management and leading the World in large scale end-user testing of new generation foams, including Fluorine Free types. LASTFIRE has also developed best practice guidance in Foam "Cradle to Grave" Assurance. The research test results and the Assurance Process will be described and discussed during the Workshop. This, with Hands-On demonstrations and exercises, makes this a truly unique independently run event.

Delegates will also be able to attend the planned large scale (50m x 6m fire pit) research testing of Fluorine Free Foams for two days during the week before the event subject to delegates paying their own additional costs

Places limited so book now to avoid disappointment

2021 COURSE DATES

27th April - 29th April

7th - 9th December

Independent and Applicable to all foam users:

- Industry
- Aviation
- Municipal
- Defence

Classroom and Hands-on

Workshop Directors

Dr Niall Ramsden

- Extensive worldwide experience of foam testing and application
- LASTFIRE Coordinator
- NFPA 11 and EN13565 Pt 2 committee member
- Adviser at the Buncefield Terminal Event
- UL 162 Steering Panel Member

Nicolas Vacle

- Senior Instructor, GESIP

GESIP Testing and Training Centre

The GESIP Testing and Training Centre is situated North of Paris. Previously an operating refinery, it has been transformed to one of the Worlds leading facilities for industrial fire fighting. In recent years a number of aviation and industrial related organisations, including LASTFIRE, have used it as the centre of choice for research work into foam application, particularly of new generation Fluorine Free and C6 Fluorosurfactant containing foams. Facilities now include a unique 50m x 6m burn pit!

Day 1

Classroom

Welcome/introductions/safety briefing
Introduction to Foam, Foam Types and Foam Properties
Current situation - Foam and the environment. What is the future?
Properties of flammable liquids - overview/refreshers
How to use Foam and Foam Application Equipment

Lunch

Classroom

Case history Exercise - Denver Tank Fire
Laboratory and Fireground
PPE issue/site tour/SCBA
Laboratory demonstrations - flammable liquid properties
Fireground - demonstrations
Ethanol fire
Low/medium/high Expansion Foam Equipment
Matching/mismatching of foam application equipment

Day 2

Classroom

Atmospheric tank and Pressure Vessel Fire scenarios
Foam Application to Tanks - Options and issues
Foam application design calculations

Lunch

Fireground - demonstrations

LPG related scenarios
Foam pourer application
Fireground - Hands on: -
LPG fire
Small process fire - Foam application
Rimseal fire simulator (Dry powder and foam)

Day 3

Classroom

Current Research on Foam and Foam Application
Foam and Foam System Assurance

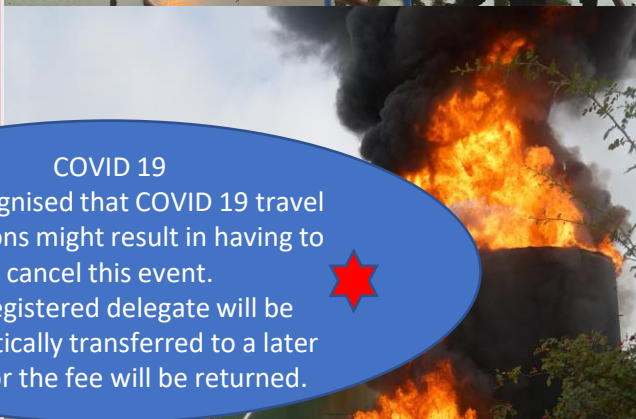
Fireground- Hands on

Truckloading spill fire
Tank fire

Lunch

Classroom

Buncefield and other major multiple tank events case history and legacy
Course review and Q and A



COVID 19
It is recognised that COVID 19 travel restrictions might result in having to cancel this event.
Any registered delegate will be automatically transferred to a later event or the fee will be returned.

Price includes 3 nights accommodation, lunches and dinner, daily bus transport to/from hotel/venue and full PPE

FOR REGISTRATION AND FURTHER INFORMATION contact info@lastfire.org

FEE PER ATTENDEE €3375 (€3100 FOR LASTFIRE MEMBERS)