

FIREFIGHTING FOAM - A CRISIS OR A CROSSROAD?

An independently managed event reviewing the current situation related to selection, use and management of firefighting foam.

An holistic approach to balancing fire performance and environmental consequences

Budapest October 17-18, 2017

Jointly hosted and supported by LASTFIRE, FER, MOL and Arcadis.

With increasing importance placed on the potential environmental effects of firefighting foam as highlighted by new legislation in some countries, including the recently published EU based restrictions on PFOA, it is critical to determine long term policies for selection, use and management of fire fighting agents in the future.

“CRADLE TO GRAVE” FIREFIGHTING FOAM MANAGEMENT

LASTFIRE, the international forum of oil storage and processing companies related to all aspects of storage tank Fire Hazard Management, has been at the forefront of developing policies on foam usage for the future and carrying out hands-on research into the performance and characteristics of new foam formulations. This has included developing a Cradle to Grave approach to foam management and this event follows this theme – looking at all aspects from procurement to final disposal

APPLICABLE TO ALL INDUSTRY SECTORS

Whilst LASTFIRE has developed assurance procedures and carried out testing directly related to storage tank application, the process applies to all foam users – including the aviation sector and municipal brigades.

INTERNATIONAL EXPERTISE

The organisers have brought together a group of international specialists in the various fields of holistic foam management assurance including regulators, end users, industry institutions and service providers.

Keynote Speakers include:

Fay Purvis – Past Chairman NFPA11 Foam Systems Committee, USA

Nigel Holmes- Principal Advisor Incident Management Central Queensland

Niall Ramsden – LASTFIRE Coordinator, UK

Mark Scanlon – HSE Team Manager, Technical Department, Energy Institute

Rod Rutledge - National Process Safety & Regulatory Advisor, Caltex Australia Petroleum Pty Ltd

Ian Ross – Partner, Global Remediation, Arcadis

Graeme Day- Fire Service Regulation & Oversight Manager, Safety Improvement Team, Heathrow

Brian McKinnley – Dallas Fort Worth International Airport

Preliminary Programme - Subject to Change

Day 1 – 17th October 2017

08:15 – 09:00 Registration

Topic 1

The firefighting foam situation – a crisis or a crossroads?

09:00 – 09:30 Overview of foam development to current day – Dr Niall Ramsden, LASTFIRE Coordinator

09:30 – 10:00 An overview of legislative issues – Dr Thomas Leonhardt, Dr. Sthamer (Chair of Eurofeu's FFA and convenor of two ISO working groups)

10:00 – 10:30 Coffee Break

10:30 – 11:15 Implemented regulation Case history – the Queensland policy. How it developed and was implemented – Nigel Holmes, Principal Advisor Incident Management, Queensland Department of Environment and Heritage Protection

11:15 – 11:45 Managing the implementation – an end user's perspective of implementation – Rod Rutledge, Caltex

11:45 – 12:15 Major airport issues – Graeme Day, Fire Service Regulation & Oversight Manager, Heathrow Airport

12:15 – 12:45 A legacy case history of the problem! – TBC (Arcadis)

12:45 – 13:00 – Panel Discussions, morning session

13:00 – 14:00 - Lunch

Topic 2

The LASTFIRE Cradle to Grave Foam Assurance Process

14:00 – 14:45 Cradle to Grave Foam Assurance Protocol – Dr Niall Ramsden/Dr Eleanor Lister, LASTFIRE Coordinators

Topic 3

International Environmental Regulations and Evolving Legislation

14:45 – 15:15 The European regulatory situation – TBC (UBA)

15:15 – 15:45 Coffee break

15:45 – 16:30 NFPA 11 Environmental Aspects – Fay Purvis, Past Chairman NFPA 11, Vector Fire Technology

16:30 – 17:00 Panel discussions, afternoon session

Day 2 – 18th October 2017

Topic 4

Foam performance requirements for end user sectors

08:15 – 08:45 Case history of industrial facility policy development – Martin Neuhaus, BP

08:45 – 09:30 Aviation sector issues – Brian Mckinney, Dallas Fort Worth International Airport

Topic 5

Current research and testing of new foam formulations

09:30 – 10:10 Current research work for industrial application – Dr Niall Ramsden/Dr Eleanor Lister/Paul Watkins, LASTFIRE Project Coordinators

10:10 – 10:30 Coffee Break

Topic 6

Minimising usage in testing and training

10:30 – 11:00 Overview and Performance testing of foam systems – Paul Watkins

11:00 – 11:30 Use of surrogate liquids – case histories – Fay Purvis, Past Chairman NFPA 11, Vector Fire Technology

Topic 7

Containment, Disposal and Treatment – Clean up, Remediation

11:30 – 12:00 Overview of options – Dr Ian Ross, Arcadis

12:00 – 12:30 – Panel Discussions, morning session

12:30 – 13:30 Lunch

13:30 – 14:00 Bunding issues – EI Guidance – Mark Scanlon, Energy Institute

14:00 – 14:30 Containment – Ensuring bund/containment integrity – Steven Flynn, Rawell Environmental Ltd

14:30 – 15:00 Coffee Break

15:00 – 15:30 Water treatment – one solution – Martin Cornelsen, Cornelsen Umwelttechnologie

15:30 – 16:00 Remediation Case History Conclusions – Dr Ian Ross, Arcadis

16:00 – 16:30 Panel discussion, afternoon session

16:30 – 16:45 Final remarks

16:45 Summit Close