

FOAM CONCENTRATE SCHOOL



The CNPP, Gesip and ENRG in association with Lastfire, are joining forces to offer you an intense week of training on a industrial subject: Foam concentrate.

This week of training, given in English, consists of three parts:

- Theoretical
- Laboratory
- Field exercise, fire intervention.

AGENDA

Day 1 - Classroom – Hotel Rouen

- Introduction to foam
- Risk based Fire Hazard Management approach overview
- Foam system design outline

Day 2 - Classroom – Hotel Rouen

- Foam fire performance specification and assurance
- Ongoing foam assurance
- Foam performance standards
- Current levels of fire performance research

Day 3 - Classroom and Laboratory – Vernon

- How to use foam
- Preplanning for foam applications
- Case histories / Group Classroom Exercise
- Laboratory demonstration

Day 4 - Testing and Training Site – Vernon

- Fuel characteristics demonstrations
- Demonstration of foam types and application equipment
- Collecting and measuring foam properties
- Training exercises

Day 5 - Classroom – Hotel Rouen

- Transition issues – the pragmatic approach

SPEAKERS

Dr Eleanor Lister – Environmental Engineer

Mark Plastow – Process Safety Specialist

Dr Niall Ramsden – Oil industry Fire Hazard Management and Foam Systems Specialist

Isabelle Deguerry – Foam Testing Specialist

David Audouin – Industrial Safety and Crisis Management Expert

Nicolas Vacle – Senior Instructor Gesip

Date

05th – 09th December
 Within the limits of
 available places

Price

Acting on field: 3 500 € excl tax
 (limited places: 15)

Others: 2 800 € excl tax

Member price: 2 300€ excl tax
 (limited places: 30)

Place

Hotel in Rouen
 CNPP and Gesip training center

Duration

4 Days

Price includes 4 nights
 accommodation, lunches and
 dinner, daily bus transport to/from
 hotel/training center and full PPE



Register at
gesip-technique@gesip.com

Day 1- 05/12/2022 - Afternoon 2pm – Classroom – Hotel Rouen

Introduction to foam

Applications

- Industry
- Aviation
- Others

How it works

A brief history of development to current situation

Risk based Fire Hazard Management approach overview

Foam system design outline

Application rates

Standards – and updates due to Fluorine Free Foam



Day 2 – 06/12/2022 – Full Day – Classroom – Hotel Rouen

Foam fire performance specification and assurance

Ongoing foam assurance

Group classroom exercises

Foam performance standards

Video demonstrations of different types

Current levels of fire performance research



Day 3 – 07/12/2022 – Full day – Classroom and laboratory - Vernon

How to use foam

Preplanning for foam applications

Spill fire examples

Storage tank Examples

Aviation related preplanning

Case histories

Multi-tank incidents

Response options

Group Classroom Exercise

Developing response strategies

- Fixed systems
- Mobile attack etc

Laboratory demonstration: European standard EN 1568: 2018 determination of expansion and drainage time, performance fire tests on water miscible and immiscible solvents.



Day 4- 08/12/2022 – Full day – Testing and Training Site – Vernon

Fuel characteristics demonstrations

Flash point, volatility etc..

Foam on alcohols/hydrocarbons

Vapour control with foam

Demonstration of foam types and application equipment

Low, medium, high expansion foams

Proportioning – matching and mismatching

Collecting and measuring foam properties

Training exercises

Spill fire – 10m x 10m

Tank/bund fire

Truck loading rack fire

Those who have chosen the training option will take part in all exercises.

Those who have not will spectate at safe distances,



Day 5 – 09/12/2022 – Morning – Classroom – Hotel Rouen

Transition issues – the pragmatic approach

Issues other than fire performance

Process and protocols

Case histories

Dealing with legacy issues