ANGUS FIRE


# Firefighting Foam and Emergency Planning School

Centro Jovellanos, Asturias, Spain
8-12 May 2017
11-15 September 2017

HANDS ON TRAINING PACKED WITH THEORY AND REAL FIRE!

*in partnership with*

cfb risk management


# Experience using firefighting foam and discuss potential hazardou

**Who should attend?**

- Refinery, petrochemical plant fire chiefs and brigade members
- Municipal fire officers
- Company safety and fire personnel responsible for flammable liquid fire fighting
- Tank farm fire personnel
- Insurance company personnel involved with protecting storage and process
- Fire engineers

**Partnership**

The course will be run with CFB Risk Management, who will provide a UK Fire & Rescue Officer to manage the Emergency Planning training as well as the Fire Ground Control & Command.

**Objective**

Angus Fire and CFB Risk Management will cover foam firefighting and emergency planning as the two main objectives of the course, which will be a blend of theory and practice and heavily focussed on the overall implications of tank fire fighting. This will include an in-depth understanding of the risk and its manifestation, the importance of foam selection, designing and specifying foam fire systems, including tank systems.

The practical training will include real fires with real fuels, across a number of training modules. Some of the training will involve BA work and a qualification or training in BA would be essential. The BA aspect is optional and is therefore not required to participate. At the end of the school the delegates will have improved their firefighting technique, increased their understanding of the capabilities of the foam and foam equipment and gained greater confidence in fighting flammable liquid fires.

**Location & Facilities**

The course will be held at the fire training school at Centro Jovellanos in Asturias, Spain. The school will provide full logistical support for the course, including fuel, fire test modules, some of the site labour, the PPE and the BA. Delegates will also be heavily involved in test ground training and work, for which they may bring their own fire boots and helmet if preferred. For further details of the course location, go to: www.centrojovellanos.com

**Case Studies**

Included in the training package will be some case studies on major tank scenarios and an interactive desktop exercise focussed on emergency planning training; risk assessments linked to the protection of specific assets, specifying foam engineering solutions.

**Course Format**

The school will commence on Monday and is intended to be interactive and delegates will be encouraged to contribute to discussions as the event evolves. There will also be some more formal question and answer sessions.

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us scenarios, mitigation strategies and emergency planning

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### Certification

The Institution of Fire Engineers 24.5 Hours

The course will attract a pre-determined 24.5 x CPD hours and a course certificate will be awarded on completion.

### Accommodation, Transport & Food

Accommodation will be provided at the local Abba Hotel, including a welcome buffet, an evening excursion with buffet and a final dinner at a local restaurant. All meals and drinks at the school are included in the package. Special dietary requirements should be advised at time of booking. Transport will be provided from hotel to school. Some airport transport will also be available by prior agreement.

### Quotes on Previous School

*"I am very happy I was able to attend the Angus Fire school. When compared with other trainings, this one has given the most to me. I will try to adapt the gained information and knowledge into our conceptions. I will definitely recommend your institution to other companies. I will do everything it takes, that the following year, some of our employees attend the school."*
Ing. Alexander Kocsis
Veliteľ ZHÚ/Fire Brigade Chief

*"It was an excellent event – one of the best I've been to in my 18 years in the FRS"*
Sion Slaymaker
Mid and West Wales Fire and Rescue Service

### OUTLINE PROGRAMME

**Day One** — Registration and Introduction to Foam

AM Assembly at the hotel for an informal meet-and-greet with other students and the course tutors.

PM Transport to the school for afternoon registration and PPE allocation. All students will be fitted with personal-issue SCBA for the duration of the course. An introduction to foam will follow, including types of foam, proportioning systems and methods of application.

**Day Two** — Fire Scenarios and Foam Policies

AM Foams and their relevant standards, tank risk scenarios, understanding tank fires. A case study on the importance of emergency mutual aid support.

PM Familiarisation with the test site and the importance of foam testing, taking samples and meaningful measurements. Live fire exercise demonstrating foam types and techniques, followed by an introduction to emergency planning and incident command.

**Day Three** — Emergency Planning

AM An overview of current global legislation and best practice guidelines. Emergency planning for tank fires and significant emergencies as well as an understanding of specifying foam systems.

PM After lunch, a desktop emergency planning exercise will take place in groups, followed by case studies of recent incidents to further the student's learning and real-world application of ideas.

**Day Four** — Incident Command & Tank Firefighting Techniques

AM The day will start with fire ground awareness, equipment familiarisation, BA familiarity followed by a safety brief. Practical firefighting scenarios will include running fuel fires from a pressurised flange, tank-top rimseal fires as and manual v's automatic protection. Blevé and boilover simulators, bund fires and a full surface tank fire.

PM Course dinner and presentations will conclude the course.

**Day Five** — Free day

AM Transport to Asturias airport and traveling home.

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# Firefighting Foam and Emergency Planning School

**Please enrol me in Angus Fire's Firefighting Foam and Emergency Planning School.**
Enclosed is payment to cover enrolment. I understand that all other expenses, including those related to travel are my responsibility.

| COST UP TO & INCL. 31 DEC 2016 FOR SPRING SCHOOL<br>COST UP TO & INCL. 31 MAR 2017 FOR AUTUMN SCHOOL | | COST AFTER 31 DEC 2016 FOR SPRING SCHOOL<br>COST AFTER 31 MAR 2017 FOR AUTUMN SCHOOL | |
|---|---|---|---|
| Early Bird/Initial Booking<br>£2200 each<br>Additional Bookings<br>£2100 each | JOIFF / IFE Members<br>£2100 each<br>Additional Bookings<br>£2000 each | Initial Booking<br>£2400 each<br>Additional Bookings<br>£2300 each | JOIFF / IFE Members<br>£2300 each<br>Additional Bookings<br>£2200 each |

DELEGATE (A separate form must be completed for each delegate)

| SURNAME | FIRST NAME | TITLE |
|---|---|---|
| COMPANY | POSITION | |
| ADDRESS | | POSTCODE |
| PHONE / FAX | EMAIL | |

PAYMENT INFORMATION

| PAYMENT METHOD<br>☐ CHEQUE ☐ VISA ☐ MASTERCARD ☐ AMERICAN EXPRESS | | |
|---|---|---|
| CARD NUMBER | EXPIRY DATE | SECURITY CODE |
| CARD HOLDER ADDRESS (IF DIFFERENT FROM ABOVE) | | POSTCODE |
| SIGNATURE | | |

**Terms and Conditions**

Confirmed bookings will be accepted by either purchase order subject to credit account facility or credit card details. No refunds are allowed post booking, but it is possible to substitute a colleague for the course should this prove necessary; a registration form should be completed for the new delegate. Final payment will be taken or invoiced 6 weeks prior to the course and payment received before the event. The final date for registration is Friday 7 April 2017 for Spring School and 11 August 2017 for Autumn School, subject to availability.

FAX YOUR COMPLETED FORM TO: **+44 (0)1844 293664**
OR EMAIL IT TO: **general.enquiries@angusuk.co.uk**

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