



Storage Tank and Associated Facilities Fire Hazard Management Workshop

| United Kingdom

Specialist Training for the Oil, Gas, Petrochemical and other Hazardous Industries

Falck Fire and Safety combines the unique expertise and worldwide operational experience of Resource Protection International with that of Falck Risk in industrial emergency response training.

This complementary partnership offers services for all aspects of Fire Hazard Management from assessment of needs to implementation of policies and training at world class fire training facilities.

Our expert fire and safety instructors deliver specialist academic knowledge uniquely combined with practical incident experience gained from working in the Oil, Gas and Petrochemical industry worldwide, with emphasis on refineries and storage terminals.

Our unique workshops can also be tailored to suit specific customer needs. These can be presented at a client's own facility or at a training institute in Falck's worldwide network.




A company within the Falck Group




Storage Tank and Associated Facilities Fire Hazard Management Workshop

‘Delegates will learn how to assess and control fire related risks in flammable liquid storage tanks and associated facilities’


WORKSHOP OBJECTIVE



This specialist workshop is designed to provide delegates with an in-depth knowledge of all aspects of assessing and controlling fire hazards in flammable liquid storage tanks and associated product transfer facilities, thus allowing them to develop, implement or audit appropriate, cost effective Fire Hazard Management policies. Emphasis will also be placed on the practical issues regarding fire response options, preplanning for major fire incidents and maintaining response capability.



The workshop will cover all aspects ranging from tank types and construction to tank fire scenarios, fire prevention measures, incident detection and fire protection systems. Particular attention will be given to the design, implementation and ongoing assurance of firefighting foam application by systems or mobile equipment for flammable liquid storage and transfer facilities. The programme has been developed from the worldwide experience of RPI and will ensure that delegates are updated in the latest techniques in this important field.



The Institution of Fire Engineers has awarded CPD hours to this workshop for Continued Professional Development.

WHO SHOULD ATTEND?

This workshop is directly relevant to personnel responsible for any aspect of Fire Hazard Management at refineries, terminals, gas storage, and petrochemical facilities.

- Fire Responders
- Safety Professionals
- System Design Engineers
- Fire Protection Engineers
- Loss Prevention Engineers
- Health, Safety and Environmental Protection Agencies

WORKSHOP LECTURERS

Our expert fire and safety instructors deliver specialist academic knowledge uniquely combined with practical incident experience gained from working in the field in the Oil, Gas, Petrochemical and other hazardous industries worldwide, with emphasis on refineries and storage terminals. Lecturers for this workshop will be selected from RPIs team of specialists which include:

Dr. Niall Ramsden

Dr. Niall Ramsden is director of Fire Hazard Management consultancy Resource Protection International (RPI) and has been involved in all aspects of fire hazard management for the oil, gas and petrochemical industries worldwide. RPI has been responsible for developing much of the current European and International fuel storage and processing industry's guidance on fire protection.

Niall is a Chartered Engineer, a Chartered Physicist and a member of the National Fire Protection Association (USA) and CEN (European) Foam Systems Committees. He combines technical expertise with hands-on incident experience and attended the Buncefield incident for extended periods, arriving on site within a few hours of ignition and acting as advisor to site operators and to the fire services.

Paul Watkins

Paul Watkins is a graduate of Fire Science from the University of Leeds, UK. With Resource Protection International he specialises in Emergency Planning and Systems Engineering. He has developed and delivered training on a wide range of fire engineering and Risk Analysis topics at venues including the Fire Service College in the U.K. and at the Fire Protection Association.

He is responsible for carrying out fire modelling and Quantitative Risk Assessments (QRA) and, as part of the LASTFIRE project, developed a Risk Workbook to assist in the development of Fire Hazard management policies for large floating roof tanks.



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Specialist training for continued Professional Development

PROGRAMME TOPICS

MODULE 1: 5th – 6th MARCH 2012

FIRE FIGHTING FOAM AND FOAM APPLICATION

- Introduction to foam
- Foam properties and foam types
- Environmental issues of foam selection and application
- How to use foam
- Fundamentals of Foam System Design
- How to store foam
- Foam System Testing and Integrity Assurance (FSIA)

Awarded 10 CPD hours by the Institution of Fire Engineers

MODULE 2: 7th – 9th MARCH 2012

STORAGE TANK FIRE RESPONSE

- Fire response options to tank fires
- Monitor application of foam
- Waterspray requirements for tank fires
- Foam systems for tank fires
- System Design examples
- Case studies
- Development issues for large capacity Major Incident Response Units (MIRU)
- Scenario based Emergency Planning for Tank Fire Incidents
- Equipment deployment planning
- Syndicate exercises
- The LASTFIRE Project

Awarded 16 CPD hours by the Institution of Fire Engineers

WORKSHOP HOURS

MODULE 1:

5TH MARCH: 1:00 pm to 5:00 pm
6TH MARCH: 9:00 am to 5:00 pm

MODULE 2:

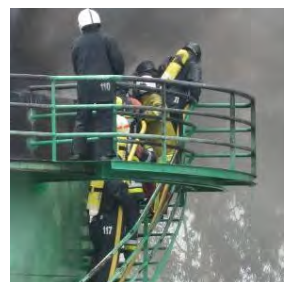
7TH MARCH: 9:00 am to 5:00 pm
8TH MARCH: 9:00 am to 5:00 pm
9TH MARCH: 9:00 am to 1:00 pm

See attached booking form for venue details and workshop fees

All classroom exercises and discussions will be supported and complemented by case histories, video and slide presentations.

Course notes will provide a comprehensive reference source of great value to all delegates on return to their job location.

All workshops are delivered in English.



RETURN COMPLETED FORMS TO
Email: admin@resprotint.co.uk
Fax: +44 (0)1296 395669

EARLY BOOKING DISCOUNT
SAVE 5% if Booked AND Paid for by 31st JANUARY

Booking Form

Storage Tank and Associated Facilities

Fire Hazard Management Workshop – United Kingdom

BOOK AND PAY
BY 31ST JAN 2012
TO
SAVE 5%

Workshop Fees:

Please tick the module(s) you require :

- Module 1: 5th-6th March 2012** £875 + VAT = £1,050 pounds sterling per delegate
- Module 2: 7th-9th March 2012** £1450 + VAT = £1,740 pounds sterling per delegate
- Module 1 & 2: 5th-9th March 2012** £2,250 + VAT = £2,700 pounds sterling per delegate

Early booking discount will be applied to the above fees if booked and paid for prior to 31st January 2012.
'Early Booking' payments received after 31st January will incur a supplementary invoice to make up the full fee.

Full name:	
Job Title:	
Company name:	
Address:	
Postal code:	Country:
Tel:	Fax:
E-mail:	

Workshop Venue:

Holiday Inn Hotel (UK)
New Road, Weston Turville nr. Aylesbury
Bucks HP22 5QT
United Kingdom
www.holidayinn.co.uk
e-mail: reservations-aylesbury@ihg.com
Tel: +44(0)1296 734026 Fax: +44(0)1296 392211

Delegates are responsible for booking and paying for their own hotel and travel costs.

Delegates wishing to book accommodation at the Holiday Inn Hotel should contact the hotel direct and quote "Resource Protection" to qualify for a discounted Bed & Breakfast rate if available (or check on-line first for special offers).

Important Terms & Conditions:

- Workshop fees are payable prior to the event. Payment can be made by cheque or bank transfer (please ask for details).
- Credit Card Payments cannot be taken.
- Registration shall ONLY be confirmed on receipt of payment.
- Early Booking payments received after 31st January will incur a supplementary invoice to make up the full fee.
- Cancellations, if notified in writing 30 days prior to event, will be subject to a 10% administration charge.
- There will be no refunds for cancellations received less than 30 days prior to the event.
- Substitutions can be made at any time, without charge.
- Workshop fee includes: instruction, lecture notes, lunches and refreshments during breaks in classroom tuition.
- Resource Protection International reserve the right to cancel the event in which case a full refund of any fees received will be

I ENCLOSE A CHEQUE FOR

£

Cheques payable to Resource Protection International

Payments can also be made by bank transfer. Please ask for details.

Credit Card Payments cannot be taken.

SIGNED

Return forms, along with appropriate fees, to:

Resource Protection International

UK Co Reg No: 2753740