

Major Hazards & Emergency Planning



A major hazard release or emergency can be catastrophic. This four-day course offers practical risk assessment that will enable you to minimise the chance of this happening or limit the effect of the release. It also gives practical advice about emergency procedures and drills.

Designed for people employed in industry, it is of particular interest for managers with responsibility for safety. It is also suitable for those who are involved in risk assessment as well as safety professionals, shift supervisors, process engineers, and process chemists.

Overview

This four-day short course is one of a number run by the Department of Chemical and Process Engineering. You will be trained by experts from industry, specialists in health and safety training and staff from the University of Sheffield.

The course is a mixture of lectures and multi-media presentations as well as interactive workshops and real-life case-studies.

Fees

The cost of this four-day course is £1000 per person.

Venue

The course takes place in Mappin Hall at the University of Sheffield

Dates

Course Content

- **Past incidents** — Flixborough, Bhopal, Piper Alpha and Milford Haven
- **COMAH and Seveso II** — a practical overview of COMAH regulations
- **Consequence analysis** — understand the consequences of a release of noxious gas into the environment
- **Major accident hazards to the environment** — examples and methods to assess risk
- **Source terms** — gas dispersion, vapour cloud explosion and other consequence models
- **Predictive models and typical incidents** — vapour cloud explosions, flash fires, pool fires and BLEVE fireballs
- **Toxicity, thermal radiation and overpressure**
- **Aspects of off-shore emergency planning** — off-shore hazards, competency & environmental factors, co-operation amongst rescue services and PFEER (Prevention of Fire & Explosion & Emergency Response) regulations
- **Aspects of emergency planning for major chemical hazards**
- **Preparing on-site and off-site emergency plans**
- **Emergency exercises and drills**
- **Emergency plans for the chemical industry** — the local authority role
- **Risk assessment** — individual and societal risk, risk evaluation and risk criteria
- **Transportation of dangerous goods**





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- Please register me for the above short course on

_____ (date)

The fee includes refreshments, course lecture notes and hand-outs.

- Please send details of future course dates

Name: _____

Job Title: _____

Company/Organisation: _____

Address: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

Please indicate if you have any special needs or dietary requirements:

Please tick as appropriate:

- I enclose a cheque for £1000 (payable to "University of Sheffield")
- Please invoice me for £1000 prior to the course
(please supply purchase order number: _____)
- Please send me details of other four-day courses run by
Department of Chemical and Process Engineering
- Please send me details of the MSc(Eng) "Process Safety and Loss Prevention"

Send this form to:

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