



HEALTH SAFETY AND ENVIRONMENT | HSE-014

Fire Safety Management and Fire Risk Assessment

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Course content

Why Attend

Fires cause loss of life, property damage and business interruption. Organisations must assess fire risks, implement prevention and protection measures and ensure people can evacuate safely.

This Aractech course explains fire chemistry, fire hazards, fire risk assessment methodology, fire prevention, detection and alarm systems, firefighting equipment, means of escape, evacuation planning, fire safety management and legal compliance. Participants carry out a fire risk assessment of a case building.

Course Methodology

- Technical presentations
- Fire risk assessment workshop
- Case studies
- Evacuation planning exercise
- Group discussions

Course Objectives

- Understand fire chemistry and causes of fire
- Conduct fire risk assessments
- Implement fire prevention measures
- Understand fire detection, alarm and suppression systems
- Plan means of escape and evacuation
- Manage ongoing fire safety and compliance

Target Audience

- Fire safety officers and wardens
- Facilities managers

Course content

- HSE professionals
- Building managers

Course outline

Detailed course outline

Day-by-day outline for Fire Safety Management and Fire Risk Assessment.

Day 1 - Fire Science and Hazards

- 09:00-09:39 | Fire triangle and spread
- 09:39-10:18 | Causes of fire
- 10:18-10:57 | Fire hazards at work
- 10:57-11:00 | Legal requirements
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Legal requirements (continued)
- 12:05-12:43 | Fire statistics
- 12:43-14:00 | Exercise: Fire hazard identification

Day 2 - Fire Risk Assessment

- 09:00-09:39 | Methodology
- 09:39-10:18 | People at risk
- 10:18-10:57 | Evaluating risk
- 10:57-11:00 | Recording findings
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Recording findings (continued)
- 12:05-12:43 | Review
- 12:43-14:00 | Workshop: Fire risk assessment

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Day 3 - Prevention and Protection

- 09:00-09:39 | Fire prevention
- 09:39-10:18 | Detection and alarm
- 10:18-10:57 | Fire extinguishers
- 10:57-11:00 | Sprinklers and suppression
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Sprinklers and suppression (continued)
- 12:05-12:43 | Compartmentation
- 12:43-14:00 | Exercise: Protection review

Day 4 - Escape and Evacuation

- 09:00-09:39 | Means of escape
- 09:39-10:18 | Emergency lighting and signs
- 10:18-10:57 | Evacuation plans
- 10:57-11:00 | Fire wardens
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Fire wardens (continued)
- 12:05-12:43 | People with disabilities
- 12:43-14:00 | Case study: Fire evacuation

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Day 5 - Fire Safety Management

- 09:00-09:45 | Inspection and maintenance
- 09:45-10:30 | Training and drills
- 10:30-11:00 | Hot work control
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Hot work control (continued)
- 11:45-12:30 | Records
- 12:30-13:15 | Improvement
- 13:15-14:00 | Capstone: Fire safety plan

Seminar dates

Available seminar dates

Live dates and pricing for Fire Safety Management and Fire Risk Assessment generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Rome	Classroom	€3,460
14 - 18 December 2026	Kuala lumpur	Classroom	€1,925
18 - 22 January 2027	Vienna	Classroom	€3,225
15 - 19 February 2027	Dubai	Classroom	€1,845
15 - 19 March 2027	Barcelona	Classroom	€2,815
19 - 23 April 2027	Paris	Classroom	€3,825
17 - 21 May 2027	Frankfurt	Classroom	€1,875
21 - 25 June 2027	Geneva	Classroom	€4,315
19 - 23 July 2027	Frankfurt	Classroom	€1,875
16 - 20 August 2027	Rome	Classroom	€3,460

Seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Kuala Lumpur	Classroom	€1,925
18 - 22 October 2027	London	Classroom	€2,315
15 - 19 November 2027	Cape Town	Classroom	€1,625
20 - 24 December 2027	Madrid	Classroom	€3,400
9 - 13 November 2026	Online / Live	Online / Live	€1,815
14 - 18 December 2026	Online / Live	Online / Live	€1,815
18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
15 - 19 March 2027	Online / Live	Online / Live	€1,815
19 - 23 April 2027	Online / Live	Online / Live	€1,815

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17 - 21 May 2027	Online / Live	Online / Live	€1,815
21 - 25 June 2027	Online / Live	Online / Live	€1,815
19 - 23 July 2027	Online / Live	Online / Live	€1,815
16 - 20 August 2027	Online / Live	Online / Live	€1,815
20 - 24 September 2027	Online / Live	Online / Live	€1,815
18 - 22 October 2027	Online / Live	Online / Live	€1,815
15 - 19 November 2027	Online / Live	Online / Live	€1,815
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