

BUSINESS CONTINUITY AND CRISIS MANAGEMENT | COURSE BROCHURE

Major Accident Hazard Management

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

Sites storing or processing large quantities of hazardous substances must prevent and prepare for major accidents. This course covers major accident hazard regulations, hazard identification, consequence modelling, safety reports, prevention and mitigation barriers, emergency planning, land-use planning and communication with authorities and the public.

Major accidents can affect workers, neighbours and the environment. You will learn how major hazard sites manage these risks.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Regulatory briefings, barrier analysis exercises, case studies of major accidents and emergency planning workshops.

Course objectives

By the end of this course, participants will be able to:
• Explain major accident hazard regulations
• Identify major accident scenarios
• Understand consequence assessment
• Manage prevention and mitigation barriers
• Prepare safety reports and emergency plans
• Communicate with authorities and the public

Target audience

This course is suitable for:
• Process safety and HSE managers
• Plant managers
• Emergency planners
• Regulators
• Engineering consultants



Course content

Target competencies

Participants will develop competencies in:
- Hazard identification
- Barrier management
- Consequence awareness
- Emergency planning
- Regulatory compliance

Course outline

Day 1: Major Hazards

09:00–10:08	Regulations
10:08–11:00	Major accident lessons
11:00–11:30	**Coffee break**
11:30–11:45	Major accident lessons (continued)
11:45–12:53	Duties
12:53–14:00	Case study

Day 2: Scenarios

09:00–10:08	Hazard identification
10:08–11:00	Consequence assessment
11:00–11:30	**Coffee break**
11:30–11:45	Consequence assessment (continued)
11:45–12:53	Risk criteria
12:53–14:00	Workshop

Day 3: Barriers

09:00–10:08	Prevention barriers
10:08–11:00	Mitigation barriers
11:00–11:30	**Coffee break**



Course content

11:30–11:45	Mitigation barriers (continued)
11:45–12:53	Barrier management
12:53–14:00	Exercise

Day 4: Safety Reports and Plans

09:00–10:08	Safety report content
10:08–11:00	On-site emergency plans
11:00–11:30	**Coffee break**
11:30–11:45	On-site emergency plans (continued)
11:45–12:53	Off-site coordination
12:53–14:00	Exercise

Day 5: Communication

09:00–10:08	Authorities
10:08–11:00	Public information
11:00–11:30	**Coffee break**
11:30–11:45	Public information (continued)
11:45–12:53	Continuous improvement
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in EUR, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (EUR)
Cape Town Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,890.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.–**
Frankfurt Confirmed dates	30 Nov 2026	4 Dec 2026	**€2,650.–**
Online Confirmed dates	30 Nov 2026	4 Dec 2026	**€1,250.–**
Vienna Confirmed dates	4 Jan 2027	8 Jan 2027	**€2,940.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.–**
Istanbul Confirmed dates	25 Jan 2027	29 Jan 2027	**€2,650.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.–**
Dubai Confirmed dates	15 Feb 2027	19 Feb 2027	**€3,150.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Rome Confirmed dates	1 Mar 2027	5 Mar 2027	**€2,450.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.–**
Amsterdam Confirmed dates	22 Mar 2027	26 Mar 2027	**€2,540.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**€1,250.–**
Rome Confirmed dates	12 Apr 2027	16 Apr 2027	**€2,450.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	3 May 2027	7 May 2027	**€1,450.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Dubai Confirmed dates	24 May 2027	28 May 2027	**€3,150.-**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.-**
Barcelona Confirmed dates	7 Jun 2027	11 Jun 2027	**€2,840.-**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.-**
Vienna Confirmed dates	28 Jun 2027	2 Jul 2027	**€2,940.-**
Online Confirmed dates	28 Jun 2027	2 Jul 2027	**€1,250.-**
Barcelona Confirmed dates	19 Jul 2027	23 Jul 2027	**€2,840.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.-**
Rome Confirmed dates	9 Aug 2027	13 Aug 2027	**€2,450.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**
London Confirmed dates	30 Aug 2027	3 Sept 2027	**€2,450.-**
Online Confirmed dates	30 Aug 2027	3 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,890.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.-**
London Confirmed dates	4 Oct 2027	8 Oct 2027	**€2,450.-**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**€1,250.-**
Cape Town Confirmed dates	25 Oct 2027	29 Oct 2027	**€1,890.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Paris Confirmed dates	15 Nov 2027	19 Nov 2027	**€2,860.-**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.-**
Dubai Confirmed dates	6 Dec 2027	10 Dec 2027	**€3,150.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**€1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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