MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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EMERGENCY RESPONSE TO CHEMICAL SPILLS

"Ensuring Safe, Rapid, and Compliant Containment of Hazardous Chemical Releases"

Schedule

Date	Venue	Fees (Face-to-Face)
23 – 25 Jun 2026	Doha, Qatar	USD 2495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training, In-House Training

Introduction

Chemical spills—whether large or small—can pose serious risks to human health, the environment, and facility operations. Rapid, informed, and coordinated emergency response is essential to minimize harm and ensure regulatory compliance.

This practical 3-day course equips participants with the knowledge and hands-on skills needed to respond effectively to hazardous material (HAZMAT) incidents, focusing on chemical spill containment, clean-up techniques, personal protective equipment (PPE), and emergency planning. The course is aligned with global safety standards and applicable local regulations.

Objectives

By the end of this course, participants will be able to:

- Identify the types, hazards, and behavior of spilled chemicals
- Activate and implement emergency response protocols for chemical releases
- Select and use appropriate containment, neutralization, and clean-up methods
- Apply correct PPE and decontamination procedures
- Coordinate with emergency services and regulatory authorities effectively

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Why Attend

- Gain confidence in managing small to large-scale chemical spills safely
- Reduce response time and prevent escalation of hazardous situations
- Understand chemical classifications, labeling systems, and SDS usage
- Ensure legal and regulatory compliance in chemical emergency response
- Participate in simulated spill response exercises for real-world readiness

Target Audience

This program is designed for:

- Emergency Response Team (ERT) Members
- Safety, HSE, and Environmental Professionals
- Laboratory and Maintenance Supervisors
- Plant Operators and Chemical Handlers
- Anyone responsible for chemical safety and spill containment

Individual Benefits

Key competencies that will be developed include:

- HAZMAT identification and risk evaluation
- Containment and control of liquid and gas releases
- Use of emergency kits, absorbents, and neutralizing agents
- Selection and safe use of PPE in chemical environments
- Effective communication and reporting during emergencies

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Faster, safer, and more effective chemical spill response
- Improved workplace safety culture and awareness
- Reduced risk of environmental contamination and legal penalties
- Better preparedness for audits and regulatory inspections
- Enhanced coordination with external emergency services

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings – Chemical hazards, response procedures, and standards
- Case Studies – Industrial spill incidents and corrective actions
- Workshops – Spill kit usage, containment planning, PPE selection
- Peer Exchange – Spill challenges and response gaps from various sectors
- Tools – Spill response checklists, site diagrams, chemical hazard labels

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Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Understanding Chemical Spills and Their Hazards

- Module 1: Types and Classifications of Chemicals (07:30 – 09:30) • Toxic, flammable, corrosive, reactive chemicals
- Module 2: Routes of Exposure and Health Effects (09:45 – 11:15) • Inhalation, skin contact, ingestion
- Module 3: Chemical Labels, SDS, and GHS System (11:30 – 01:00) • Symbols, signal words, key data interpretation
- Module 4: Workshop – Chemical Identification Drill (02:00 – 03:30) • Read and analyze sample SDS and hazard labels

Day 2: Response Planning and Spill Containment

- Module 5: Emergency Response Plan Activation (07:30 – 09:30) • Chain of command, alarms, scene assessment
- Module 6: Spill Containment and Clean-Up Techniques (09:45 – 11:15) • Diking, absorbents, neutralizers, ventilation
- Module 7: PPE Selection and Use for Spill Response (11:30 – 01:00) • Respirators, gloves, suits – levels of protection
- Module 8: Workshop – Simulated Containment Exercise (02:00 – 03:30) • Respond to a mock chemical spill scenario

Day 3: Decontamination, Communication, and Recovery

- Module 9: Decontamination Procedures and Waste Handling (07:30 – 09:30) • Personnel and equipment decon, disposal regulations
- Module 10: Reporting, Investigation, and Regulatory Liaison (09:45 – 11:15) • Incident logs, regulatory notifications, root cause
- Module 11: Post-Incident Recovery and Site Remediation (11:30 – 01:00) • Testing, air monitoring, site re-entry protocols
- Module 12: Final Workshop – Full-Scenario Emergency Simulation (02:00 – 03:30) • Team-based response plan with reporting and debrief

Certification

Participants will receive a Certificate of Completion in Emergency Response to Chemical Spills, validating their capability to identify, contain, and manage chemical spill incidents safely and in compliance with relevant health, safety, and environmental standards.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**