

RENDER HAZARDOUS MATERIALS INCIDENTS SAFE

“Neutralize the Threat. Restore Safety. Save Lives.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► **Available delivery methods:** In-House Training

Introduction

This advanced course is designed to provide emergency response personnel with the technical knowledge and hands-on skills needed to effectively identify, assess, and mitigate hazardous materials (HAZMAT) incidents. It focuses on safe handling procedures, containment, decontamination, and hazard control methods in alignment with international hazardous materials response protocols.

Objectives

Upon successful completion, participants will be able to:

- Identify types, properties, and classifications of hazardous materials
- Assess incident scenes involving chemical, biological, radiological, or explosive substances
- Employ proper personal protective equipment (PPE) for HAZMAT response
- Render hazardous areas safe using approved isolation, containment, and neutralization techniques
- Coordinate with local, national, and international HAZMAT agencies
- Perform decontamination procedures and post-incident recovery operations

Why Attend

- Learn to take immediate, decisive action during HAZMAT emergencies
- Enhance your response capability in high-risk environments
- Ensure workplace and public safety in compliance with regulatory bodies
- Be prepared for both industrial and transportation-related HAZMAT events

Target Audience

- Firefighters and rescue teams
- Industrial safety and emergency response teams
- Airport and maritime security units
- Law enforcement and military responders
- Mining, petrochemical, and logistics sector staff

Individual Benefits

- Gain specialized expertise in hazardous materials safety
- Improve confidence in managing dangerous goods incidents
- Enhance employment and promotion prospects in high-risk industries
- Obtain globally recognized HAZMAT response certification

Organizational Benefits

- Strengthen your organization's emergency preparedness
- Ensure compliance with international safety and environmental regulations
- Minimize downtime, injury, and environmental damage during incidents
- Develop a trained internal HAZMAT team capable of immediate response

Instructional Methodology

- Interactive lectures and visual aids
- Hands-on training with PPE, detectors, and decontamination units
- Hazard simulations and response drills
- Incident command system role-playing
- Knowledge assessments and practical evaluations

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

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: Introduction to Hazardous Materials Response

- **Module 1:** Classification & Identification of Hazardous Substances (07:30 – 09:30)
- **Module 2:** Toxicology, Reactivity & Exposure Pathways (09:45 – 11:15)
- **Module 3:** Incident Recognition, Risk Assessment & Scene Safety (11:30 – 01:00)
- **Module 4:** Case Studies: Real HAZMAT Incidents & Lessons Learned (02:00 – 03:30)

Day 2: Site Operations and PPE

- **Module 1:** PPE Levels A-D: Selection and Use (07:30 – 09:30)
- **Module 2:** Donning, Doffing, and PPE Limitations (09:45 – 11:15)
- **Module 3:** Site Control: Isolation Zones, Decon Corridors & Entry Points (11:30 – 01:00)
- **Module 4:** Workshop: Full PPE Field Drill (02:00 – 03:30)

Day 3: Containment and Control Techniques

- **Module 1:** Spill Control & Leak Sealing Methods (07:30 – 09:30)
- **Module 2:** Overpacking, Plugging & Patching Containers (09:45 – 11:15)
- **Module 3:** Vapour Suppression and Product Recovery (11:30 – 01:00)
- **Module 4:** Hands-On Exercise – Controlled Hazard Scenario (02:00 – 03:30)

Day 4: Decontamination and Recovery Operations

- **Module 1:** Emergency and Technical Decontamination Procedures (07:30 – 09:30)
- **Module 2:** Monitoring Equipment: PID, FID, and Radiation Meters (09:45 – 11:15)
- **Module 3:** Environmental Protection & Waste Disposal Protocols (11:30 – 01:00)
- **Module 4:** Simulation – Decon Line Setup and Casualty Processing (02:00 – 03:30)

Day 5: Coordination, Assessment & Certification

- **Module 1:** ICS Roles, Communication, and Liaison with Agencies (07:30 – 09:30)
- **Module 2:** Final HAZMAT Field Scenario – Team Response (09:45 – 11:15)
- **Module 3:** Knowledge Test and Practical Skills Assessment (11:30 – 01:00)
- **Module 4:** Certification Ceremony and Wrap-Up (02:00 – 03:30)

Certification

Participants will receive a **Certificate of Competency in Hazardous Materials Incident Response**, valid for 3 years and aligned with NFPA 472/1072 and international emergency response standards.

Why Choose MAWA Events

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