

EMPLOY PERSONAL PROTECTION AT A HAZARDOUS MATERIALS INCIDENT

“Protect Yourself to Protect Others – Master PPE and Safety in Hazmat Response”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► Available delivery methods: In-House Training

Introduction

This hands-on training equips participants with the knowledge and practical skills needed to effectively select, don, use, and remove personal protective equipment (PPE) when responding to hazardous materials (HazMat) incidents. Grounded in current safety standards and emergency response protocols, the course ensures all personnel are prepared to manage personal risk in high-hazard environments.

The course emphasizes understanding PPE categories, respiratory protection, contamination control, and decontamination procedures to ensure responders can operate safely and efficiently in line with international standards and local regulations.

Objectives

- By the end of this course, participants will be able to:
- Identify the types and characteristics of hazardous materials
 - Understand the role of PPE in a HazMat environment
 - Select appropriate levels of PPE for specific chemical/biological threats
 - Properly don, doff, and inspect PPE, including SCBA
 - Implement contamination control and decontamination procedures
 - Operate safely within hazardous environments using PPE protocols

Why Attend

- HazMat environments are unpredictable — PPE saves lives
- You'll gain confidence and competence in life-saving safety procedures
- Complies with NFPA, OSHA, and local HazMat regulations
- Offers practical, hands-on experience with full protective ensembles

Target Audience

This course is designed for:

- Firefighters and emergency responders
- HazMat teams and rescue technicians
- Industrial safety personnel
- Environmental health officers
- Site workers in chemical processing or hazardous waste management

Individual Benefits

Participants will:

- Enhance personal safety and situational control
- Build hands-on experience with real-world PPE usage
- Reduce risks of contamination and exposure
- Increase employability and readiness for emergency roles

Organizational Benefits

Organizations will:

- Ensure compliance with regulatory PPE and safety standards
- Protect staff during critical incidents
- Improve the effectiveness of emergency response teams
- Reduce incidents of injury, exposure, and liability

Instructional Methodology

- **Instructor-Led Briefings** – On-site safety and HazMat theory
- **Hands-On PPE Training** – Donning, doffing, SCBA use
- **Case Studies** – PPE failures and successful interventions
- **Simulations** – High-stress HazMat scenarios
- **Checklists & Tools** – PPE inspection guides and decon SOPs

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: Understanding Hazards and PPE Fundamentals

- **Module 1:** Introduction to Hazardous Materials (07:30 – 09:30)
- **Module 2:** Types of Hazards: Chemical, Biological, Radiological (09:45 – 11:15)
- **Module 3:** PPE Overview and Regulatory Framework (11:30 – 01:00)
- **Module 4:** PPE Levels A–D and Selection Criteria (02:00 – 03:30)

Day 2: Donning and Doffing PPE

- **Module 1:** PPE Suit Components and SCBA Familiarization (07:30 – 09:30)
- **Module 2:** Practical Donning & Doffing Procedures (09:45 – 11:15)
- **Module 3:** PPE Pre-use Inspections and Fit Testing (11:30 – 01:00)
- **Module 4:** Team Exercise – Timed PPE Drills (02:00 – 03:30)

Day 3: Risk Zones, Exposure Control & Safety

- **Module 1:** Hot, Warm & Cold Zones – Scene Layout (07:30 – 09:30)
- **Module 2:** Exposure Pathways and Risk Assessment (09:45 – 11:15)
- **Module 3:** Use of Monitoring Equipment & Buddy System (11:30 – 01:00)
- **Module 4:** Simulation – Controlled Movement in Contaminated Zones (02:00 – 03:30)

Day 4: Decontamination Protocols

- **Module 1:** Types of Decon (Emergency, Mass, Technical) (07:30 – 09:30)
- **Module 2:** Setting Up Decontamination Corridors (09:45 – 11:15)
- **Module 3:** Managing PPE Waste and Contaminated Equipment (11:30 – 01:00)
- **Module 4:** Practical Drill – Live Decontamination Exercise (02:00 – 03:30)

Day 5: Emergency Scenarios and Certification

- **Module 1:** PPE Failures & Troubleshooting in Emergencies (07:30 – 09:30)
- **Module 2:** Full-Scenario Drill – HazMat Response with PPE (09:45 – 11:15)
- **Module 3:** Final Evaluation – Written and Practical (11:30 – 01:00)
- **Module 4:** Certification Ceremony & Course Debrief (02:00 – 03:30)

Certification

Participants will receive an **Internationally Recognized Certificate of Competence in Personal Protective Equipment for HazMat Incidents**, demonstrating capability in safe PPE usage and incident readiness.

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.
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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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