

## HAZARDOUS MATERIALS & INVENTORY MANAGEMENT

*"Safely Storing, Tracking, and Managing Hazardous Substances in Compliance with Global Standards"*

### Schedule

Date	Venue	Fees (Face-to-Face)
01 - 02 Jul 2026	Dubai, UAE	USD 1995 per delegate

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

### Introduction

The improper storage and handling of hazardous materials (HAZMAT) pose serious safety, environmental, and legal risks. Managing such materials demands precise inventory control, regulatory awareness, and robust operational practices to prevent accidents and ensure compliance.

This intensive 2-day course equips participants with practical skills for handling, storing, tracking, and auditing hazardous substances. Participants will learn to manage inventories using proper classification, labelling, segregation, and control strategies in alignment with international standards such as OSHA, GHS, and ISO.

### Objectives

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

- Identify, classify, and label hazardous materials using GHS and other frameworks
- Understand legal requirements for HAZMAT storage, segregation, and documentation
- Apply inventory management practices specific to hazardous substances
- Implement control measures for risk mitigation and emergency response
- Maintain accurate records and conduct compliant audits of HAZMAT inventories

## Why Attend

- Learn how to store and manage chemicals and hazardous goods safely
- Improve workplace safety by reducing inventory-related HAZMAT risks
- Ensure compliance with OSHA, GHS, local, and international regulations
- Minimize loss, leakage, or cross-contamination risks in storerooms
- Gain practical tools for audits, MSDS tracking, and emergency planning

## Target Audience

This program is designed for:

- HSE and safety officers
- Inventory and warehouse personnel handling hazardous goods
- Facility and plant managers
- Chemical and lab technicians
- Auditors and regulatory compliance professionals

## Individual Benefits

Key competencies that will be developed include:

- Hazard classification and risk recognition
- Inventory tracking systems for hazardous materials
- Regulatory documentation and labelling standards
- Emergency planning and spill response preparation
- Inspection, reporting, and audit readiness

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced risk of HAZMAT incidents and associated costs
- Improved safety and compliance culture in storerooms and facilities
- Accurate, real-time hazardous material inventory records
- Strengthened emergency response and control procedures
- Alignment with industry standards and inspection readiness

## Instructional Methodology

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

- Strategy Briefings - Regulations, classifications, and HAZMAT controls
- Case Studies - Chemical spills, compliance failures, and audits
- Workshops - Hazard labelling, segregation layout, and spill response
- Peer Exchange - Sharing facility-specific HAZMAT challenges
- Tools - GHS charts, MSDS templates, and inventory log formats

## 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: Foundations of Hazardous Materials Management

- Module 1: Understanding Hazardous Materials and Classifications (07:30 - 09:30) • GHS, NFPA, OSHA hazard categories • Explosives, flammables, corrosives, toxics
- Module 2: Legal and Safety Requirements for HAZMAT Handling (09:45 - 11:15) • Storage guidelines, labelling, placarding • Safety Data Sheets (SDS) and documentation
- Module 3: Inventory Management for Hazardous Goods (11:30 - 01:00) • Tracking systems, barcoding, segregation rules • Stock rotation and expiry monitoring
- Module 4: Workshop - Classify and Label HAZMAT Inventory (02:00 - 03:30) • Practice labelling and recordkeeping using GHS

### Day 2: Compliance, Auditing, and Emergency Response

- Module 5: Storage, Segregation, and Facility Design (07:30 - 09:30) • Compatibility charts, ventilation, secondary containment • Spill control stations and signage
- Module 6: Emergency Preparedness and Spill Response (09:45 - 11:15) • PPE, evacuation, response plans • Fire suppression and containment
- Module 7: Auditing and Continuous Improvement (11:30 - 01:00) • Compliance checklists, internal audits • Root cause analysis and record updates
- Module 8: Final Workshop - Simulate a HAZMAT Spill Drill (02:00 - 03:30) • Execute an emergency response and evaluate actions

## Certification

Participants will receive a Certificate of Completion in Hazardous Materials & Inventory Management, verifying their capability to handle, store, and audit hazardous substances in compliance with safety and regulatory standards.

## Why Choose MAWA Events

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### In-House / Customized Training

Interested in running this course for your team?

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