

HAZARDOUS WASTE MANAGEMENT AND POLLUTION PREVENTION

“Minimizing Environmental Impact through Safe Waste Management and Pollution Control”

Schedule

Date	Venue	Fees (Online)
22 Jul 2026	Online	USD 450 per delegate

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

Introduction

Proper management of hazardous waste is critical for protecting human health, ensuring regulatory compliance, and minimizing environmental impact. Organizations must adopt systematic approaches to identify, handle, store, and dispose of hazardous materials while implementing pollution prevention strategies.

This intensive 1-day online course provides participants with practical knowledge and tools to manage hazardous waste effectively and implement pollution prevention measures. Participants will learn about regulatory requirements, risk assessment, waste minimization techniques, and best practices for environmental stewardship.

Objectives

- By the end of this course, participants will be able to:
- Understand hazardous waste types, sources, and associated risks
 - Comply with national and international hazardous waste regulations
 - Apply proper handling, storage, and disposal techniques
 - Implement pollution prevention and waste minimization strategies
 - Conduct risk assessments for hazardous materials
 - Promote a culture of environmental responsibility and sustainability

Why Attend

- Learn practical methods for managing hazardous waste safely
- Reduce environmental impact and ensure regulatory compliance
- Enhance organizational sustainability and social responsibility
- Understand waste minimization and pollution prevention strategies
- Improve safety practices for personnel handling hazardous materials

Target Audience

This program is designed for:

- Environmental, health, and safety (EHS) professionals
- Engineers and technicians handling hazardous materials
- Facility and operations managers
- Compliance and sustainability officers
- Managers and staff responsible for waste management programs

Individual Benefits

Key competencies that will be developed include:

- Strong understanding of hazardous waste types, risks, and regulations
- Ability to implement proper handling, storage, and disposal practices
- Knowledge of pollution prevention and waste minimization techniques
- Improved risk assessment and environmental management skills
- Enhanced ability to support organizational sustainability goals

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Safer handling and disposal of hazardous materials
- Compliance with environmental and safety regulations
- Reduced environmental and operational risks
- Improved sustainability and pollution prevention initiatives
- Enhanced corporate reputation and stakeholder trust

Instructional Methodology

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

- Strategy Briefings - Hazardous waste types, regulatory requirements, and pollution prevention principles
- Case Studies - Real-world examples of waste management and pollution control
- Workshops - Practical exercises on waste handling, storage, and disposal
- Peer Exchange - Group discussions on challenges and best practices
- Tools - Checklists, risk assessment templates, and waste management guides

Course Outline

Detailed 1-Day 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: Hazardous Waste Management and Pollution Prevention

Module 1: Introduction to Hazardous Waste (07:30 – 09:30)

- Types and sources of hazardous waste
- Health, safety, and environmental risks
- Regulatory frameworks and compliance requirements

Module 2: Waste Handling, Storage, and Disposal (09:45 – 11:15)

- Safe handling procedures
- Storage and labeling requirements
- Disposal techniques and environmental considerations

Module 3: Pollution Prevention and Waste Minimization (11:30 – 01:00)

- Strategies to reduce waste generation
- Process improvements and cleaner production methods
- Resource efficiency and circular economy concepts

Module 4: Case Studies, Tools, and Best Practices (02:00 – 03:30)

- Analysis of real-world hazardous waste incidents
- Practical tools for risk assessment and waste management
- Implementing sustainable practices in the workplace

Certification

Participants will receive a Certificate of Completion in Hazardous Waste Management and Pollution Prevention, validating their competence in safe waste handling, regulatory compliance, pollution prevention, and sustainability practices.

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