



مركز الوقت للتدريب
Time Training Center

**HAZARDOUS WASTE HANDLING
AWARENESS COURSE**

Introduction

Hazardous Waste Handling Awareness course provides essential knowledge and practical skills to ensure the safe management of hazardous waste in accordance with EPA, OSHA, and RCRA regulations. Participants will gain a thorough understanding of critical concepts, including the identification of hazardous waste, best practices for safe handling and storage, emergency response procedures, and the complexities of regulatory compliance. Designed for employees engaged in the generation, handling, or management of hazardous waste, this training is indispensable for maintaining a safe and compliant work environment across diverse industries.

Learning Objectives

- Define hazardous waste classifications and characteristics
- Understand key EPA, OSHA, and RCRA regulations
- Apply proper handling, storage, and labeling practices
- Select and use appropriate PPE for hazardous waste tasks
- Understand transportation and disposal procedures
- Promote pollution prevention and waste minimization

Course Details

Mode of Training	Classroom or Online
Duration	5 Days

Who Should Attend

- Employees generating or handling hazardous waste
- Maintenance, production, and warehouse personnel
- Environmental, Health, and Safety (EHS) officers
- Facility managers and compliance coordinators
- Professionals involved in hazardous waste transportation and disposal

Certificate(s)

Participants who complete a minimum of 80% of the total training hours will receive a **Certificate of Completion** issued by **Time Training Center**. This certificate reflects their active participation and commitment to professional development in the relevant field.



Course Outline

Module 1: Introduction to Hazardous Waste

- Definition and classification of hazardous waste
- Overview of the Resource Conservation and Recovery Act (RCRA)
- Importance of hazardous waste management

Module 2: Regulatory Framework

- Key regulations: EPA, OSHA, and DOT standards
- Understanding generator classifications and responsibilities
- Recordkeeping and documentation requirements

Module 3: Hazardous Waste Identification

- Characteristics of hazardous waste: ignitability, corrosivity, reactivity, toxicity
- Listed wastes: F, K, P, and U lists
- Methods for identifying and categorizing waste

Module 4: Safe Handling and Storage Practices

- Proper labeling and container requirements
- Storage time limits and accumulation standards
- Spill prevention and control measures

Module 5: Personal Protective Equipment (PPE) and Safety Measures

- Selection and use of appropriate PPE
- Decontamination procedures
- Emergency response planning and first aid

Module 6: Transportation and Disposal

- Packaging and labeling for transportation
- Understanding the manifest system
- Disposal methods and treatment options

Module 7: Pollution Prevention and Waste Minimization

- Strategies for reducing hazardous waste generation
- Recycling and recovery options
- Best practices for sustainable waste management



Module 8: Course Review and Assessment

- Summary of key concepts
- Knowledge assessment through quizzes or practical exercises
- Issuance of certificate of completion

Methodology

We employ a comprehensive and applied learning strategy, integrating theory with real-world implementation:

- ❖ **Conceptual Learning:** Expert-led sessions on catalytic theory and engineering principles
- ❖ **Interactive Workshops:** Group exercises, presentations, and technical discussion forums
- ❖ **Case-Based Learning:** Industry-specific examples and troubleshooting scenarios
- ❖ **Technology Integration:** Digital tools, simulations, and catalyst modeling applications
- ❖ **Assessment:** Pre-tests, post-tests, and Competence Validation Exams for Certified courses to ensure knowledge transfer and skills validation

Note: Instructors may adjust the training approach to fit technical requirements or participant engagement levels.

Instructors

Our instructors are certified environmental and safety professionals with extensive experience in hazardous waste management, regulatory compliance, and industrial safety programs. They combine technical expertise with practical application to ensure participants gain actionable knowledge. Detailed trainer profiles will be shared upon request.

About Time Training Center

Time Training Center is a leading professional training institute in Abu Dhabi that provides students and professionals with quality education and skill development programs. Time Training Center is accredited by the Abu Dhabi Center for Technical Vocational Education & Training (ACTVET) with a specialization in Computer and Management Training programs and certified by QA QC with ISO 9001:2015.

Operating in Abu Dhabi for over 3 decades, Time Training Center has established brand value as a high-quality Management & Technical Training Center in Abu Dhabi. We have also secured strong loyalty from corporate companies and associations with our holistic and practical teaching approach.

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