



Health, Safety and Environment

Pollution Control and Waste Management

Course Introduction

This course helps to raise both personal and public awareness of environmental issues including the benefits of reducing, re-using, and recycling of general environmental waste materials. These materials would otherwise be taken to landfill sites where they contribute greatly to environmental issues and encourage pollution in various forms. The course helps its attendants identify items which can be recycled through a recycling management program. This Training Course will give details on these various types of contaminants and the new frontiers in eliminating or minimizing these contaminants, the use of effective non-hazardous products in your company and also environmentally acceptable methods of disposal for both hazardous and non-hazardous wastes.

Target Audience

- Health and Safety Officers
- Environmental Health and Safety professionals
- Health and Safety Managers
- All professionals use health and safety requirements in their work processes

Learning Objectives

- The implications of the production, resource management, and environmental impact of solid waste management
- The components of solid waste management infrastructure systems, to minimize these effects
- Recycling, Reuse, and Reclamation of solid wastes
- Relationships between inappropriate waste management practices and impacts on water, soil, and sediment quality
- Current practices prominent in Waste

- The Implementation of systems available in solid waste management
- Assessing environmental guidelines, human activities, and environmental quality of impacted soils and water
- Integrating solid waste management options and imposed environmental legislation and guidance to develop legal and safe solution

Course Outline

• DAY 01

Sustainable Waste Management: An International Context

- Waste Management Policies
- Sustainable Waste Management: Best Practice
- Environmental Risks and Their Management and Control
- Managing Pollution in the Environment
- Understanding the Life Cycle of Waste

• Day 02

Waste Prevention

- Waste Prevention Best Practice in the Industry
- The True Cost of Waste
- Behavior and Culture of Waste Management
- Industrial Solid Waste: Audits and Minimization Strategies
- Management of Landfills
- Industrial Waste Strategies

• Day 03

Re-Use and Recycling of Waste

- The Role of Materials Recovery Facilities (MRFs)
- The Role of Transfer Stations
- The Science of Composting in Waste management
- Open Windrow Composting
- 'In-Vessel Composting' (IVC)
- Food Waste

• Day 04

Waste Recovery

- AD of Food waste
- Good Practice in the Management of Food Waste
- Waste Incineration with Energy Recovery
- Energy from Waste Incineration (EfW)
- EfW for Municipal Waste
- Landfill: Hazards and Risks

• Day 05

Land Waste Disposal

- Principles of Sustainable Landfill in Various Countries
- Landfill: Engineering Considerations
- Long-Term Storage of Waste
- The Future of Waste Management
- Course Summary

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 12, 2025	May 16, 2025	5 days	4950.00 \$	Singapore - Singapore
Aug. 17, 2025	Aug. 21, 2025	5 days	4250.00 \$	KSA - Jeddah
Nov. 10, 2025	Nov. 14, 2025	5 days	4250.00 \$	UAE - Abu Dhabi