

Training
Course

**Waste Management and
Pollution Control**



Course Plan

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

Course 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 solutions



Who Should Attend?

- Health and Safety Managers
- Environmental managers
- Facility Managers
- Operations Personnel & Managers, Shift Supervisors & Shift Team Leaders
- Process and warehouse staff

Training Methods:

- ✓ Online Video material.
- ✓ Presentation.
- ✓ Live Interactive sessions.
- ✓ Course presenter will make extensive use of all tools that will be needed for the virtual environment.
- ✓ Questions & Answers

Course Outline:

Day One

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 Two

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 Three

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 Four

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 Five

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

Training Details

Course Duration	5 Days
Pre-Schedule	16 – 20 Dec 2024
Venue	Dusit Thani Hotel - Dubai
Training Fees Per Person	KWD 1250 (One Thousand Two Hundred Fifty)
Course Fees Include	<ul style="list-style-type: none">✓ Tuition documentation✓ Curriculum and Training Handout✓ Five Star Lunch✓ Completion Certificates

