



*Training Course:
Waste Management and Pollution Control*

22 - 26 December 2024

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Waste Management and Pollution Control

Training Course code: HE23657 From: 22 - 26 December 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 € Euro

Introduction

This training course provides a comprehensive understanding of waste management, from collection to disposal, within legal and regulatory frameworks. Participants will learn to reduce costs, explore opportunities in waste prevention, re-use, and recycling, and understand energy generation from biological waste. The course covers effective methods for managing both hazardous and non-hazardous waste, emphasizing environmentally friendly practices. Key topics include identifying and valuing waste streams, auditing waste life cycles, evaluating contractor performance, and leveraging the 7 R's of waste management. Monitoring and performance review techniques are also featured.

Objective

- The environmental impact, resource management and the implications of the production of solid waste management
- How to minimize the effects of the components of solid waste management infrastructure systems
- Recycling, reuse, and reclamation of solid wastes
- The 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.

Target Audience

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

- Process and warehouse staff

Outline

Day One: Sustainable Waste Management

- 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 a sustainable landfill in various countries
- Landfill: Engineering considerations
- Long-term storage of waste
- The future of Waste Management
- Course summary

Registration form on the Training Course: Waste Management and Pollution Control

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