

**Training Title**

**Hazardous Waste Management & Pollution Prevention - Identification and Assessment**

**Training Duration**

5 days

**Training Venue and Dates**

Hazardous Waste Management and Pollution Prevention	5	14-18 March	\$3,300	Abu Dhabi
Hazardous Waste Management & Pollution Prevention - Identification and Assessment	5	04-08 July	\$3,300	Abu Dhabi
Hazardous Waste Management & Pollution Prevention - Identification and Assessment	5	31 October - 4 November	\$3,300	Dubai

In any of the 5 star hotel. Exact venue will be informed later.

**Training Fees**

- 3300 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

**Training Certificate**

Define Management Consultants Certificate of course completion will be issued to all attendees.

**TRAINING DESCRIPTION**

This five-day course will introduce delegates to the whole concept of managing hazardous wastes which will include their generation, storage, collection, processing, treatment, transportation and disposal. All waste related definitions will be provided and recycling and other methodologies of minimizing waste generation will be included in the course. It will also provide generic guidelines for operating a waste management system and a disposal site based on international experiences. The various pollution prevention strategies currently utilized by many industries together with some generic governmental legislation will also be included. The economic side of minimizing and/or preventing pollution by industry and the associated tangible



rewards will be discussed together with the role that each person has to play in the big picture. Also included will be the role of the United Nations via the United Nations Environment Program (UNEP) and International Environment Related Treaties

Workshops will provide the basic requirements of ISO 14001 which is the specification for an Environmental Management System and its direct relationship to Pollution Prevention

## **OBJECTIVES**

- Learn how to recognize the importance of environmental values in decision making
- Learn how to avoid serious and irreversible damage to the environment
- Learn some of the current common pollution prevention techniques being used by industry today
- Encourage dialogue with like-minded individuals on specific issues of concern in their organizations and the opportunity to develop regional networks to address common issues
- Encourage the “buy green” concept or the use of more environmentally friendly products
- Assist the participants in obtaining a better appreciation of HWM and Global Warming, and emphasize the close relationship between human health & safety and the environment
- Methodologies for the cleanup of contaminated land and the various parameters involved
- The basic requirements of ISO 14001 and its relationship to ISO 9001
- That each participant will know how to obtain environmental performance improvement through the implementation of ISO 14001 .
- Relationship between HWM & Pollution and OHSAS 18001

## **TRAINING METHODOLOGY**

The seminar will encourage discussion, and all the participants will be encouraged to take part. The atmosphere in the classroom will be conducive to asking questions and all the participants will be made to feel welcome in a stress-free atmosphere. A power point slide presentation will be used to supplement lectures, case studies , and group discussions.

## **PRE-REQUISITES**

Those who have experience or exposure to environmental issues, environmental management or waste management or pollution prevention can attend this program.

## WHO SHOULD ATTEND?

- Health & Safety and Environmental Professionals
- Staff responsible for managing hazardous wastes
- Laboratory Technicians
- Staff wishing to reduce risk and liability arising from polluting events
- Technical assistants and anyone who has a role to play in environmental matters of the Organization

## DAILY OUTLINE

### DAY 1

#### Brief History of the Environmental Movement & Introduction to Hazardous Waste

- Global Environmental Issues
- International Environmental Concern
- Global Warming and Hazardous Wastes
- Hazardous Wastes and Health & Safety Concern
- Environmental Awareness and Due Diligence
- Definition of Hazardous and Non-Hazardous Wastes
- The Hazardous Waste – Identification and Classification

### DAY 2

#### Management of Industrial Hazardous Waste

- Introduction to ISO 14001 (Environmental Management System) and what it can and cannot do
- The elements of ISO 14001 and its relationship with ISO 9001 (Quality Management System)
- Some typical Hazardous Waste Regulations and the need for harmonization
- Hazardous waste regulation and required training including; HAZMAT, HAZID, HIRA, HAZWOPER, and emergency response.
- Proper sampling, monitoring and control to assure compliance with regulations
- Life Cycle Management of Hazardous Wastes
- Segregation and Handling of Hazardous wastes.

- **The importance of documentation in hazardous waste management**

### **DAY 3**

#### **Pollution Prevention**

**Discussions on sources of pollution and techniques and technologies for pollution prevention**

- **Exploration and Production , Refining & Transportation- origins of pollution**
- **The toxic 12 chemicals- Stockholm Convention and the role of the UNEP (United Nations Environment Program)**
- **The common thread amongst many third world countries concerning pollution issues**
- **Hazardous Wastes / Chemicals - Production, Handling, and Storage**

### **DAY 4**

**Consideration for major incidents, contingency planning and recommended corrective actions**

- **Discussion of some major preventable accidents**
- **The importance of on-going training and simulated accidents**
- **The importance of regular review of emergency plans**
- **Environmental Objectives & Targets**
- **Environmental Management Programmes**

### **DAY 5**

#### **Environmental Audits**

#### **Corrective and Preventive Action**

#### **Management Review**

#### **Review of Hazardous Waste Management and Pollution Prevention**

- **Case studies to develop the ISO 14001 concept and to re-emphasize the importance of the environmental component in job planning**
- **Other relevant case studies**
- **Conclusion**

**This would be an appreciation/ application program**

**On the 5<sup>th</sup> day there will be examination on Internal Audit.**

**Case Studies, Group Discussions, Last Day Review & Pre & Post Assessments will be carried out.**

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