Environmental Monitoring and Modelling – Environmental Management Systems Training

Description

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Introduction

As concern grows for continually improving the quality of the environment, organizations of all types and sizes are increasingly turning their attention to the environmental impacts of their activities, products and services. The environmental performance of an organization is of importance to internal and external interested parties. Achieving sound environmental performance requires organizational commitment to a systematic approach and, to continual improvement of an environmental management system (EMS).

The purpose of this course is to provide delegates with the opportunity of gaining the skills and knowledge to develop, implement and/or improve an Environmental Management System (EMS).

Objectives

By the end of this course delegates will be able to:

- Understand the different types of environmental aspects and their environmental impacts
- Understand the requirements of the environmental management standard ISO 14001:2004
- Develop and implement an Environmental Management System (EMS)
- Prepare a plan for obtaining EMS ISO 14001:2004 certification from a certifying authority
- Identify all the waste stream types and, the opportunities for recycling of waste

The Course Contents

Introduction to Environmental Management

- What Does the Term ‘Environment’ mean
- Benefits of Good Environmental Management
- Key Environmental Management System (EMS) Elements
- Document Framework for an Environmental Management System

Environmental Management Systems

- Environmental Policy
- Concepts of the Environmental Standard ISO 14001:2004
- Initial Environmental Review (IER)
- What are Environmental Aspects and Impacts

Environmental Aspects & Impacts

- Understanding Environmental Impacts
- Understanding Global, Regional and Local Environmental Issues
- How to Determine Significant Environmental Aspects
- Identifying Applicable Regulatory and Standards’ Requirements

Environmental Impact Assessment (EIA)

- Elements of the EIA Process
- Carrying out an EIA
- Analysis of Impacts

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Internal Environmental Auditing

- Carrying Out an Environmental Audit
- Management Review Process