

Environmental Management Systems: Monitoring and Modelling

Health & Safety
Sharm El-Sheikh (Egypt)
02 - 06 Mar 2025

UK Training

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The image features a chessboard with several chess pieces, including a king and pawns, set against a background of concentric circles. The king piece is the most prominent, positioned in the foreground on the right. The chessboard is a light gray and white checkered pattern. The background consists of a series of concentric, light gray circles that create a sense of depth and focus on the chess pieces.

Environmental Management Systems: Monitoring and Modelling

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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 an organizational commitment to a systematic approach and, to continual improvement of their environmental performance.

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

Course Objectives of Environmental Management Systems: Monitoring and Modelling

- 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 waste streams and, opportunities for recycling waste

Environmental Management Systems: Monitoring and Modelling Course Outlines

Day 1

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
- Introduction to ISO 14001:2004

Day 2

Environmental Management Systems

The logo for UK Training Partner features the text 'UK Training' in a small, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The text is positioned over a background of a chessboard with several chess pieces (a king, a pawn, and a knight) and a series of concentric white circles radiating from behind the pieces.

- Environmental Policy
- Concepts of the Environmental Standard ISO 14001:2004
- Initial Environmental Review IER
- What are Environmental Aspects and Impacts?
- Environmental Disasters
- Producing an EMS Document Framework

Day 3

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
- Preparing an Environmental Impact Assessment Checklist

Day 4

Environmental Impact Assessment EIA

- Elements of the EIA Process
- Carrying out an EIA
- Analysis of Impacts
- Environmental Disaster
- List the Steps of an EIA Process

Day 5

Internal Environmental Auditing

- Carrying Out an Environmental Audit
- Management Review Process
- Checking and Evaluation of Compliance Obligations
- EMS Performance Monitoring, Measurement, Analysis and Evaluation

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