



**Health, Safety  
Security & Environment**



**SCANDINAVIAN ACADEMY**  
Training and Development



# Course: Environmental Monitoring and Modelling: Environmental Management Systems

Code	City	hotel	Start	End	price	Hours
189	Florence (Italy)	Hotel Meeting Room	2024-04-22	2024-04-26	5450 €	25

## The Course

No business can sustain a policy that is unfriendly to either the environment or the safety of people or the safety of society. There is ever increasing pressures from society and legislation for businesses to maintain production processes that are environmentally friendly.

Professionals must be able to appreciate the environmental effects of production and how these issues relate to climate change, biodiversity, and environmental pollution. The course covers such areas and the relationship between environmental protection and production efficiency, environmental management techniques, legislation and emergency response.

### Delegates attending the course will learn about:

- Environmental legislation
- Environmental management
- Waste minimization and pollution prevention
- The types of emergencies that have effects on the environment
- How to plan an environmental management program

## The Goals

- To understand the business benefits of sound environmental management
- To appreciate the environmental management systems
- To know how legislation and international conventions effect businesses
- Become knowledgeable of environmental terms
- Understand the process of waste minimisation

## The Benefits

### Delegates attending the course will gain:

- An Internationally recognized certificate
- Confidence in dealing with environmental issues
- Knowledge on Environmental Management systems



- Sound understanding of environmental effects from production processes
- Appreciation of integrating Environment issues within the management systems

## The Results

**The company that sends personnel to this seminar will gain because:**

- Environmental conscious employees will reduce costs
- Employees will understand of how environmental consequences can be reduced of the surety that the company will follow best environmental practices
- The employees will realize the legal implications of poor environmental management
- The employees will be able to cascade the knowledge gained and increase their ability to respond flexibly to changing circumstances

## The Core Competencies

- Environmental Management
- Environmental Legislation
- Context of Environment
- Environmental Policy
- Emergency Planning

## The Programme Content

### Environmental Context

- How humans interact with the environment
- Definitions: 'climate change', 'air', 'water and land pollution', 'biodiversity' and 'depletion of natural resources'
- The costs of environmental pollution
- The hydrological cycle and the carbon cycle
- Resource Consumption
- Waste minimization

### Environmental Legislation & Management

- Key aspects and requirements of UK legislation
- Environmental Protection Act, IPPC, PPC
- European directives and national legislation impact on commercial activities
- Common Management Systems
- Environmental Management Systems
- EMAS, ISO 14001



## **Environmental aspects & Policy**

- Identify how an organisation's activities can affect the environment
- Identify and describe an organisation's environmental aspects
- Evaluate the significance of environmental effects in order to prioritise an organisation's environmental activities indirect aspects that might have an influence over supplier performance
- How to write an environmental policy
- Appropriate techniques to disseminate the policy
- Case Study

## **Environmental management techniques & Training**

- Practical environmental management techniques in waste minimization
- Prioritise actions needed to improve performance
- Changing work activities to improve environmental performance
- Benefits of environmental awareness and management education
- Factors to be considered in the development and content of the training programme
- The necessity for feedback and evaluation

## **Environmental Auditing, Reporting and Emergency Plans**

- Undertake an internal audit to an agreed specification and make recommendations
- Producing an environmental report adopting good practice features
- Types of emergency situation that might have an impact on the environment
- How prior preparation and provision of training and resources can mitigate any effects
- Course Evaluation and Summary



**The Scandinavian Academy employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:**

- **Theoretical Lectures:**
  - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
  - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
  - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
  - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
  - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
  - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
  - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
  - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
  - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
  - Training programs are held from 10:00 AM to 2:00 PM and include buffet sessions for light meals during lectures.