

## > Developing a practical Environmental Management System (ME01)

### Course Description

An effectively implemented Environmental Management System can yield numerous benefits for an organization. This course focuses on ensuring that organizations achieve tangible benefits from the EMS implementation process by providing the knowledge and skills to:

- ✓ Maximize the involvement of key stakeholders
- ✓ Ensure that legal compliance and environmental performance improvement issues are captured in the EMS
- ✓ Avoid common design and implementation mistakes made by other large and small organizations
- ✓ Drive the implementation project through a well-developed implementation strategy
- ✓ Obtain top management commitment and involvement through the development and reporting of effectiveness measures

#### Introduction to Environmental Management Systems

- What are Environmental Management Systems?
- Definitions and concepts
- The three components of an environmental management system
- Potential benefits and cost savings

#### Environmental Overview

- Key environmental issues that need to be addressed
- Global, regional and local impacts
- Life cycle assessment
- Addressing the requirements of ISO 14001:1996

#### Key first steps

- Formulating an EMS implementation strategy/timetable
- Developing an EMS structure
- Electronic platforms – the do's and don'ts
- EMS facilitator competencies
- Developing environmental performance indicators (EPIs)
- The role of the ISO 14030 series (environmental performance evaluation)
- Barriers and challenges to EMS implementation projects
- Document formats that work

#### EMS implementation

- The 9 steps for implementing an EMS
- Establishing a steering committee
- Developing an environmental policy
- The difference between environmental aspects and impacts
- Developing the environmental aspects register
- Practical risk assessment processes
- Key legal requirements
- Developing measurable environmental objectives and targets
- Three types of environmental performance indicators
- Operational controls
- Preparing procedures quickly with end-user ownership
- Avoiding common pitfalls
- Practical systems maintenance processes
- EMS certification – the pro's and con's

