



ISO 14001:2004 EMS

Environment Management System White Paper

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WHAT IS ISO14001:2004 EMS STANDARD?

An ISO 14001 EMS addresses the impact of a company's activities, products and services on the environment. The EMS provides a formalized structure for ensuring that environmental concerns are addressed, and works to both control a company's significant environmental impacts and achieve regulatory compliance.

The ISO 14000 family includes most notably the ISO 14001 standard, which represents the core set of standards used by organizations for designing and implementing an effective environmental management system. Other standards included in this series are ISO 14004, which gives additional guidelines for a good environmental management system, and more specialized standards dealing with specific aspects of environmental management. Essentially, the standards are concerned with what an organization does to minimize harmful effects on the environment caused by its activities: either during production or disposal, either by pollution or by depleting natural resources.



Providing ISO 14001 consulting, Training and Certification facilitation services across the world.



ISO 14001 : 2004 Model



Key Elements for Implementing ISO 14001: 2004 EMS

- Environmental Policy Statement
- Identification of Significant Environmental Aspects & their impact
- Development of Objectives and Targets
- Implementation Plan to Meet Objectives and Targets
- Identifying Training requirements
- Management review

BENEFITS OF ISO 14001:2004

ISO 14001 provides a framework for implementing an EMS which meets an organization's stakeholder interests. This systematic approach can lead to benefits like the following:

- Reduce liability and risk
- Facilitate better business processes
- Minimize waste and energy bills
- Lower distribution costs
- Improved corporate image
- Improve compliance
- Meet concerns of interested parties
- Gain international recognition
- Improve marketing potential



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WHAT DOES STERLING INTERNATIONAL CONSULTING OFFER IN THE FIELD OF ISO 14001 :2004 CERTIFICATION ?

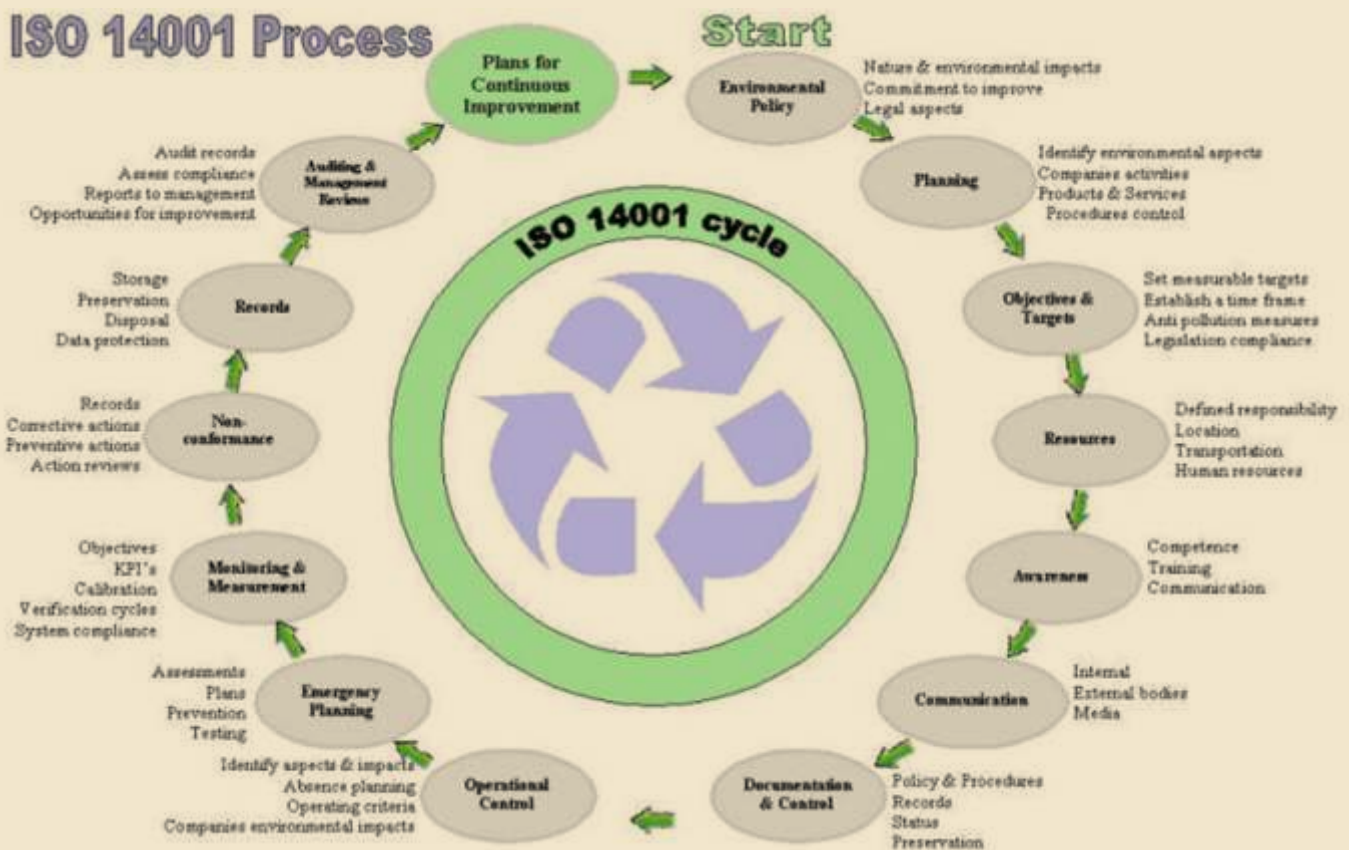
We the "Sterling International Consulting" are a team of highly qualified consultants and trainers having vast industrial experience. We partner organizations across the world to implement and achieve ISO 14001 certification. Our consulting approach is highly professional, time bound and effective resulting in ease of implementation and adds value to the business processes of the client organization. We provide ISO 14001 training, consulting, implementation and certification services in India, USA, UK, Saudi Arabia, UAE, Europe and African countries.

Sterling offers comprehensive services that will help you achieve your ISO 14001:2004 EMS goals. We can:

- Conduct an initial gap analysis and aspect impact analysis.
- Help you establish policies and objectives
- Identify documentation requirements and assistance in achieving required level of documentation.
- Manage implementation schedules, training, follow-up actions
- Help you select a Registrar that has experience in your industry and achieve successful certification to ISO 14001

In addition to consulting (onsite and online), we provide following training:-

- "ISO 14001 Overview Training"
- "ISO 14001 for the SME"
- "Developing Your Environment Mgmt. System Documentation"
- "Internal Auditor training"
- "ISO 14001 Implementation training"



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WHY GO FOR AN ISO 14001 ENVIRONMENT MANAGEMENT SYSTEM IMPLEMENTATION AND CERTIFICATION?

- Public concern
- Media attention
- Employees wanting an environmental friendly workplace
- Customer requirements and marketing benefits
- Polluter pays principle
- Internationalization
- New knowledge & technology
- Stronger enforcement
- New legislation

SUMMARY OF ISO 14001:2004 EMS

ISO 14001 environmental management standards exist to help organizations minimize how their operations negatively affect the environment. The major objective of the ISO 14000 series of norms is "to promote more effective and efficient environmental management in organizations and to provide useful and usable tools - ones that are cost effective, system-based, and flexible and reflect the best organizational practices available for gathering, interpreting and communicating environmentally relevant information".



The intent of an ISO 14001 environmental management system (EMS) is to develop a systematic management approach to the environmental affairs of the organization. The expected outcome of this approach is continual improvement in environmental management:-

- By setting an environmental policy, then making the environmental concerns of the organization clear (Aspects) and defining what will be done to control them (Objectives and Targets), planning is accomplished.
- Then, by establishing organizational structure, personnel responsibilities, competency and training, implementation begins.
- Communication practices, documentation control & procedural documents, operational control and emergency preparedness define the operation portion of the program. These items are usually included in an EMS Manual, which documents a program to accomplish the Objectives and Targets set above.
- The organization's methods for measuring and monitoring its environmental impacts is also included along with practices for identifying non-conformance and for implementing corrective and preventive actions.
- These, along with routine systems audits and record keeping constitute the EMS checking and corrective action program. And finally, the program has a routine management review of its activities.

With requirements related to continual improvement in the main body of the Standard, it is clearly a cornerstone of ISO 14001. Organizations are challenged to meet this commitment, year after year. The intention is that the management system is improved on a continual basis by focusing on improving their environmental performance through objectives and targets and rely on the combination of their corrective/preventive action program, internal audit program and management review to improve the EMS.

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ISO 14001:2004 EMS AUDITING

Two types of auditing are required to become registered to the standard: auditing by internal staff trained for this process (internal audits) and audits by external certification body (external audit). The aim is to ensure conformance with requirements, to determine the effectiveness of the EMS, to detect and correct nonconformities, to verify records are maintained to demonstrate compliance and the effectiveness of the EMS, to identify training needs, provide unbiased facts to the management, to highlight strength as well as weaknesses and to identify areas for further improvement

ISO 14001: 2004 CERTIFICATION

ISO does not itself certify organizations. Many countries have formed accreditation bodies to authorize certification bodies, which audit organizations applying for ISO 14001 compliance certification. The EMS is evaluated by a "certification body" to determine whether the EMS conforms to ISO 14000, if so, the organization is said to have "ISO 14001 certification."

An ISO certificate is not a once-and-for-all award, but must be renewed at regular intervals recommended by the certification body, usually around three years.

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Contact us at info@uaeiso.com to get your organization ISO 14001:2004 certified.



What we do today, right now, will have an accumulated effect on all our tomorrows. - A. Stoddard

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