ISO

14001

ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 14001 CERTIFICATION
Improve and enhance environmental performance by Environmental Management System (EMS)

1. INTRODUCTION

The rapidly deteriorating environment has awakened the conscience of the governments all over the world. This has led to the establishment of various rules and regulations that aim to curb the effect of changing the environment. Every individual, as well as organizations are required to check the impact of their activities on the environment. For this purpose, ISO 14001 certification becomes a great tool for any organization in the world. It acts as a proof of commitment for the organizations towards environmental sustainability. ISO 14001 standard sets a framework for implementation of an Environmental Management System (EMS) as a proof of an organization's commitment towards the environment. ISO 14001 helps in implementing the Environmental Management System (EMS) in an organization.

THE LATEST EDITION OF THE CERTIFICATION IS ISO 14001 :2015, ISSUED IN SEPTEMBER 2015.

Popularity of ISO 14001 Certification

There is no doubt that ISO 14001 is one of the most popular standards for implementing Environmental Management Systems in organizations. Since its introduction in 1996, over 300000 organizations have sought ISO 14001 certification to minimize the impact of their activities on the environment.

What is Environmental Management System?

A set of records, policies, and plans that aims at maintaining a sustainable environmental interaction of your organization is called an Environmental Management System or EMS. ISO 14001 standard not just helps you with establishment and maintenance of your EMS, but it also makes sure that the EMS is tailored as per the requirements of your organization. An effective EMS makes your organization compliant to all the environmental laws and it demonstrates your seriousness towards fulfilling environmental responsibilities.

50,000+ CERTIFICATES GLOBALLY

250+ AUDITORS

25,000+ CLIENTS

OVER 55 OPERATING COUNTRIES

WHAT EMS CAN OFFER YOU AND YOUR ORGANSATION

Improve environmental performance by using resources more efficiently & helping organizations achieve competitive advantage

All "management ISOs" have a similar core benefit and a basic advantage. The guidelines provide a framework for action that If implemented appropriately, it ensures internal control.   In the case of ISO 14001, the performance of the standard ensures that the activities, products or services of an organization and the interaction with the environment are monitored. This, in turn, can enhance the longterm viability of the organization and, if appropriate, greater consideration of the value of its assets.
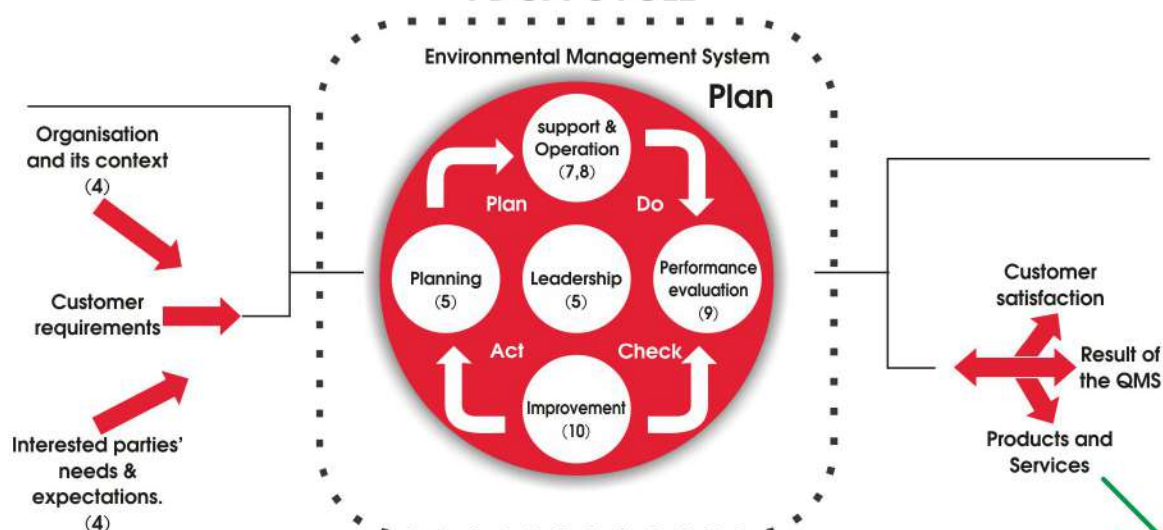
There are other numerous benefits of achieving ISO 14001:

Achievement of ISO 14001 - The accomplishment of ISO 14001 additionally gives affirmation to the Board of Directors, Trustees and owners that there is management control with regard to ecological dangers inherent within an organization.

Economic Benefit - In a global marketplace where all industries must compete in one way or another, demonstrating ethical, environmental leadership through "good environmental stewardship" may be the decisive factor in choosing to provide the goods or services an organization provides.   Having ISO 14 001 also can give a unique selling point (USP) that increasingly provides one of the fundamentals when promoting an organization.

Internal Audit - ISO 14001 provides the framework for verifying which controls have been implemented through internal audit andprovides a means for monitoring and improvement. Internal Audits and management reviews, when joined with a review from certification bodies like NQA, provide assurance that EMS is meeting the necessities of the organization and ISO 14001 Standard.

ISO 14001:2015 STANDARD IN THE PDCA CYCLE

BENEFITS OF ISO 14001 STANDARDS ENHANCE YOUR VISION WITH A POWERFUL QMS

From global market leaders to smaller start-ups, ISO 14001 is the environmental standard of choice for over 300,000 organizations spread across **170+** countries. Recognized around the globe, ISO 14001 helps organizations reduce their environmental impact while growing their business – ultimately achieving sustainable success. As an internationally accepted standard, it outlines the most effective ways to put a successful environmental management system (EMS) in place. The standard was developed to help organizations build resilience by remaining commercially successful without overlooking their environmental responsibilities.

> **ISO 14001 is beneficial for almost every organisation in ensuring an effective & efficient EMS.**

- IMPROVED ENVIRONMENTAL MANAGEMENT
- LEGAL COMPLIANCE
- REDUCED OPERATING COSTS
- IMPROVED STAKEHOLDER RELATIONSHIPS
- PROVEN BUSINESS
- ABILITY TO WIN MORE BUSINESS

PRIMARY BENEFITS OF ISO 14001

- Demonstrate compliance with current and future statutory and regulatory requirements

- Increase leadership involvement and engagement of employees

- Improve company reputation and the confidence of stakeholders through strategic communication

- Achieve strategic business aims by incorporating environmental issues into business management

- Provide a competitive and financial advantage through improved efficiencies and reduced costs

- Encourage better environmental performance of suppliers by integrating them into the organization's business systems

ISO 14001:2015 REQUIREMENTS - ENVIRONMENTAL MANAGEMENT SYSTEM

The ISO 14001 standards require an organization to implement a series of practices and procedures that result in an effective environmental management system.

The High-Level structure of ISO 14001 ensures a smooth integration of EMS with other managementsystems. Out of them, the first three are introductory in nature, whereas the last seven contain the specifications for implementation of the Environmental Management System (EMS).

Let's understand the last seven sections in detail:

SECTION 4 – Context of the organization:

This section deals with understanding the requirements of your organization for implementing the Environmental Management System.

SECTION 5 – Leadership:

This section emphasizes the role of top management in the implementation of E MS. It requires the management to effectively communicate the roles and responsibilities to the entire workforce.

SECTION 6 – Planning:

This includes analyzing the current system in place and risk analysis, in order to set objectives for effective EMS. I t also involves analyzing the organization's interaction with the environment as well as its legal obligations.

SECTION 7 – Support:

It includes management of all the resources for your EMS, including the control of documented information.

SECTION 8 – Operation:

It deals with operational requirements for environmental control. It also includes preparing the organization for any potential emergency.

SECTION 9 – Performance evaluation:

This is to ensure that your EMS is efficient. It involves monitoring and measurements for assessing the current system and identifying the scope for improvement.

SECTION 10 – Improvement:

This ensures that your EMS is effective. It includes a constant review of the conformity of your EMS with the set standard of ISO 14001.

ISO 14001 CERTIFICATION PRINCIPLES

Customer Focus – aiming to improve for the betterment of the interested parties and customer, this will help one sustain the customer, increase customer base, communicate their needs and expectations by monitoring throughout the organization

Leadership – to achieve quality objectives leaders need to establish unity of purpose which is by aligning its strategy, policies, procedure and resource this will lead to better coordination of the organization's processes one needs to establish a culture of trust and integrity, provide people with the required resource, training, authority to act with accountability

Engagement of people – for efficiency involves people of all levels. This can be done by communicating with the employees their needs in the organization, sharing knowledge and experience, recognizing people's contributions, learning, and improvement.

Process approach – when activities are understood and then executed, then the efficiency of the delivered output will increase, by understanding the organization's capabilities and determining resource constraints prior to action.

Improvement - improvement is important for an organization to maintain the current level of performance and to even keep on developing, this can be done by giving proper training and letting them understand that how does a work happens with that track, review and audit planning, implementation, recognize and acknowledgment, which will result into anticipation of internal and external risks and opportunity, improved process performance.

Evidence -based decision making – learn from mistakes, it is simply that decisions should be driven from evaluation of data, this will help one take better efficient solutions adding more, intuitions should never be neglected.

Relationship management – manage relations with relevant interested parties such as providers, one can achieve by keeping a well-managed supply chain that provides a stable flow of products and services, determining interested party's relationship that needs to manage PDCA Cycle

ISO 14001:2015 CERTIFICATION JOURNEY

In the 1970s, 1980s and 1990s, there was a growing global focus on environmental protection. Accordingly, a number of global treaties and country specific "codes of practice" were published to provide organizations with a structure for Environmental Pollution Mitigation. ISO 14001 has undergone several reviews since its first publication in 1996. ISO standards are reviewed every five years to determine whether a revision is necessary to maintain them upto-date and relevant. The present standard, ISO 14001:2015, addresses the growing need for the integration of management systems using "Annex SL", a common format for management ISO.

Further key enhancements of the 2015 Standard include:
- Seek an assessment of the external and internal elements that may influence the way environmental management is carried out.
- An overview of the organization's life cycle.
- Reinforcing the authority responsibility from "Top Management".
- Communicating more clearly and effectively through a communication plan.

1992
- BS 7750 standard launch
- Declaration of Rio de janeiro Environment & Development

1993
- Committee if created to develop ISO 14000 Framework
- The European Commission developed EMAS

1996
- ISO publishes the first version of ISO 14001:1996

2004
- ISO updates the Environmental Management System to ISO 14001:2004 revision

2015
- ISO updates the Environmental Management System to ISO 14001:2015 revision

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