

The full ISO 14000 series

By

Dr. Shashi Bala

Asstt Professor

Faculty of Engineering, University of Lucknow

Definition:

ISO 14000 is defined as a series of international environmental management standards, guides, and technical reports. The standards specify requirements for establishing an environmental management policy, implementing programs to meet objectives, determining environmental impacts of products or services, planning environmental objectives, conducting corrective action and management review.

Popular ISO's series

- ISO 14000
- EMS- General Guidelines on Principles, Systems and Supporting Techniques
 - ISO 14001
- EMS- Specification with Guidance for Use
 - ISO 14004
- EMS - General Guidelines on Systems, Principles and Supporting Techniques
 - ISO 14010
- EA- General Principles of Environmental Auditing
 - ISO 14011
- EA- Auditing of Environmental Management Systems
 - ISO 14012
- EA- Qualification Criteria for Environmental Auditors
 - ISO 14013
- Management of Environmental Audit Programs
 - ISO 14014
- Initial Reviews
 - ISO 14015
- Environmental Site Assessments
- ISO 14020
- EL- Basic Principles of Environmental Labeling
 - ISO 14021
- EL- Self Declaration- Environmental Claims- Terms and Definitions
 - ISO 14022
- EL- Symbols
 - ISO 14023
- EL- Testing and Verification Methodologies
 - ISO 14024
- EL- Practitioner Programs- Guiding principles, practices and certification procedures of multiple criteria (type1)

- ISO 14031

Environmental Performance Evaluation

- ISO 14040

LCA- General Principles and Practices

- ISO 14041

LCA- Goal and Definition/Scope and Inventory Assessment

- ISO 14042

LCA- Impact Assessment

- ISO 14043

LCA- Improvement Assessment

- ISO 14050

Terms and Definitions

- ISO 14060

Guide for the Inclusion of Environmental Aspects in Product Standards

An EMS (Environment Management System) that meets the requirements of ISO 14001:2015 is a management tool enabling an organization of any size or type to:

- Identify and control the environmental impact of its activities, products or services of industry or human being.
- Continually improve its environmental performance
- Implement a systematic approach to setting environmental objectives, achieving these objectives, and demonstrating that they have been achieved
- Ensure legal compliance (aided by ISO 14001 registration/certification)

Importance; ISO 14001 certificate serves as a driver and reminder that it is everybody's job to protect the environment by preventing pollution and continually improving the air living one breathe, the water use for drinking and other purpose, and the earth as inhabit. Not only are there external benefits, but reducing our environmental impact will also benefit our organization by reducing the amount of waste and consumption of resources and lower operation cost. We can better our environmental performance by becoming more efficient by adopting better controls as ISO 14001 requires systematic plans for our actions.