

ISO 14001:2015 Environmental Management System

Introduction

- Expectations of society for sustainable development have unfold with increasing strict legislation, increasing pollution, improper waste management, climate change, ecosystem degradation and biodiversity loss.
- Environment management system provide organization a framework to protect the environment and react to changing environmental conditions.

What is ISO 14001:2015?

- Irrespective of its size, type and settings EMS enables any organization to:
 - Manage Environmental Impacts arising because of its activities, Products & services.
 - Ensures Compliance to legislations
 - Demonstrate High Environmental Performance to others by comply with policy, Objectives and Targets.

Why Implement an EMS?

Global Environmental Issues:

- Climate Change
- Ozone Depletion
- Water Pollution
- Global Dimming
- Light Pollution
- Deforestation
- Desertification

Local Environmental Issues:

- Air pollution
- Water pollution
- Land pollution

Aim of an EMS

- Systemic approach to:
 - preventing or mitigating adverse environmental impacts
 - mitigating potential adverse environmental conditions
 - meeting compliance obligations
 - enhancing environmental performance
 - life cycle perspective for products and services
 - achieving financial and operational benefits
 - communicating to interested parties.

How To Install EMS?

Step 1 : Based on EMS policy identify the Context, Environmental Aspects and Impacts evaluate the significant Environmental Impacts

Step 2 : To achieve EMS policy formulate EMS Objectives and Targets

Step 3: For effective implementation of EMS and to achieve EMS Policy, Objectives and Targets develop capabilities and support mechanisms necessary.

How To Install EMS? Contd.

Step 4 : Measure, monitor and evaluate the EMS Performance.

Step 5 : To improve its overall performance review and continually improve its EMS. Obtain certification to demonstrate to the interested parties concerned about the EMS Performance.

Benefits of ISO 14001:2015

- Compliance with current and future legislations requirements
- Increase leadership and employees involvement
- Increase stakeholders confidence and company reputation
- Improve efficiencies
- Cost reduction
- Better environmental performance