



INTERNATIONAL CERTIFICATION SERVICES

ENERGY MANAGEMENT SYSTEM

WHY DO I NEED EnMS :

- Most energy efficiency achieved through change in how energy is managed rather than through installation of new technologies.
- An energy management system provides a method for integrating energy issues into existing management systems for continual improvement
- The PDCA model of management systems has proven successful for quality, health and safety, and environment (changes culture, engages management, changes behavior)

WHO NEED IT ?

- ISO 50001:2011 - Energy Management System -An Overview
- ISO 50001 is based on the management system model of continual improvement also used for other well known standards such as ISO 9001 or ISO 14001. This makes it easier for organizations to integrate energy management into their overall efforts to improve quality and environment management.

ISO 50001:2011 Proves a Framework Of Requirements For Organizations To :

- Develop a policy for more efficient use of energy
- Fix target s and objectives to meet the policy
- Use sat to better understand and make decision about energy use
- Measure the results
- Review hoe well the policy works and
- Continually improve energy management.



ISO 50001 WHY IS IT IMPORTANT ?

Energy id critical to organizational operations and can be a major cost to organizations, whatever their activities. An idea can be gained by considering the use of energy through the supply chain of a business, form raw material through to recycling. In addition through the economic costs of energy to the organization, energy can impose environmental and societal cost by depleting resources and contributing to problems such as climate change. The development and development technologies for new energy source and renewable sources and can take time. Individual organization can not be control energy prices, government policies or the global economy but they can improve the way they manage energy in the here and now. Improve energy performance can provide rapids benefits for organization by the maximizing the use of it energy sources and energy related asset thus reducing both energy cost and consumption. The organization will also make a positive contribution towards reducing depletion of energy resource and mitigating worldwide effects of energy use such as global warming, ISO 50001 is based on the management system model that is already under stood and implemented by organization worldwide. It can make a positive difference for organization of all types in the very near future, while supporting longer terms efforts for improved energy technologies.

Certification To ISO 50001 :

Like other ISO management system standards, certification to ISO 50001 is possible but not obligatory. Some organizations decide to implement the standards solely for the benefits it provides. Others decides to get certified to it. Show external parties they have implemented an energy management system. ISO does not perform certification.

ISO 50001 Energy Management Certification Process:

To comply with the ISO 50001 energy standards an organization must follow and develop the following processes, policies and protocols internally :

- Management responsibility for energy management
- ISO 50001 energy policy
- Energy planning, review and baseline process
- Energy KPIs
- Energy objective, target and action plans
- Energy communication and training process
- Energy design requirements
- Energy documentation requirement
- Energy operational control and emergency procedures
- ISO 50001 energy performance monitoring



ISO 50001 (EnMS) Benefits :

- Reduced overhead costs, thus increasing profitability
- Enhance competitiveness
- Reducing fuel consumption
- Increased awareness and assurance of legal other and internal compliance requirements
- Reduced emission such as green house gases, particulate matter, NOx and SOx
- Increase efficiency of energy sources, equipment, process and maintenance related energy uses activities.



WHY ICS ?

ICS is committed to give solution under one roof for inspection on quality backed by code of integrity system, impartiality and professional conduct being innovative giving respect to legal and ethical mannerism for certification in the client authorized area of health, wealth, safety, environment and social responsibility. Satisfactory level measured by clients and used as tool for improving our performance continually. Conformity assessment body.

Leveraging on a robust network of 27 offices strategically located all over India, besides 14 offices in oversea, manned with over 450 engineering professional specialized in various discipline we have well established quality assurance system, competent well qualified and highly experienced personnel in various technology and management system.

Are you looking for the Energy Management System
Call for further information at:

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