

ISO 50001 - Energy Management Systems Certification



Overview

There is valuable ecological and economic potential in handling energy responsibly. In productive industry in particular, energy is highly significant as a competitive factor. And it is here that the international standard ISO 50001 comes in, it supports companies and institutions in the systematic setting up and operation of energy management systems (EnMS) and the related processes for the continuous improvement of energy efficiency.

Companies in productive industry may profit from possible tax relief and other benefits if they can demonstrate in turn that they handle energy in a responsible manner, increase their energy efficiency and set savings targets.

The Government of India as well as various states are encouraging industries to improve energy management performance through various schemes. ISO 50001 implementation and certification gives solid foundation for the same.

A certified energy management system is not only to be recommended for companies who wish to profit from the statutory benefits, but also for any organization which wishes to sustainably improve its energy efficiency and profitability. In addition to productive industry, this also includes trading and service companies as well as institutions in the public sector.

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Benefits of certification:

- Establish eligibility for government schemes.
- Highlighting and opening up of options for action and of potential savings
- Reduction of energy costs and CO2 emissions
- Improvement in sustainability (resource efficiency)
- Improvement of competitiveness
- Improvement of external impact and market opportunities

Companies which already operate a quality and environmental management system profit from synergies and may under certain circumstances, substantially reduce the certification effort.

Preconditions for certification:

In order to obtain a certification the conditions to be met include the following

- Establish the scope of the EnMS
- Formulate the company's energy policy
- Appoint energy management team
- Determine Significant Energy Uses (SEU's) & Energy Sources
- Determine previous and current energy consumption
- Estimate future energy consumption
- Compile key energy figures
- Define meaningful, measurable and achievable energy goals
- Internal communication concerning EnMS
- Documentation of the EnMS

- Training of personnel
- Make a commitment to continually improve the energy performance

Why choose TUV India?

- Approved for various national & international accreditations for provision of System Certification services
- Wide pool of highly qualified and experienced Auditors & Tutors across India
- Comprehensive and diverse range of value-added services
- Key account management
- One-stop solution for your certification requirements

The route to certificate:

- Offer from TUV India based on the information
- Order for certification
- Agreement of schedule and audit planning
- On-site audit to evaluate certifiability (Stage 1)
- Certification audit (Stage 2)
- Nonconformity management and corrective actions
- Release of the certification process
- Issue of certificate, valid for 3 years
- Annual surveillance audits

About Us:

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Over 1400 competent and experienced TUV India experts spread across India and over 14000 TUV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals, Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing — Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TUV India Training Academy.