

Webinar Title: IMPROVING ENERGY PERFORMANCE BY IMPLEMENTING AN EFFECTIVE ISO 50001: 2018 ENERGY MANAGEMENT SYSTEM

Registration Fee (including GST):- Rs 1000/- (Rupees One thousand Only) per participant inclusive of GST

Expert Speaker (Name/ Designation) – SHRI ANKUR DHIR, NATIONAL LEVEL CONSULTANT CUM TRAINER FOR MANAGEMENT SYSTEM STANDARDS

Webinar Date: 11.09.2021 Duration: 15.30 hours to 17.00 hours (one hour thirty minutes)

About Webinar: - ISO 50001:2011 specifies requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy use and consumption.

ISO 50001:2018 Energy Management System (EnMS) is a management system model of continual improvement used for improving energy performance by an organisation. This makes it easier for organizations to integrate energy management into their overall efforts to improve quality and environmental management.

Energy management systems combine best practices in project management, energy monitoring, and energy awareness along with an energy policy that governs an organization's approach towards energy use and performance. This benefits an organization by enabling significant energy savings that are persistent since the organization's personnel must continually monitor energy use and resolve anomalies or incidents that cause energy waste.

ISO 50001 was originally released by ISO in June 2011 .The second edition, ISO 50001:2018 was released in August 2018.

The standard aims to help organizations continually reduce their energy use, and therefore their energy costs and their greenhouse gas emissions.

ISO 50001:2018 provides a framework of requirements for organizations to:

- Develop a policy for more efficient use of energy
- Fix targets and objectives to meet the policy
- Use data to better understand and make decisions about energy use
- Measure the results
- Review how well the policy works, and
- Continually improve energy management.

Implementation of an Energy Management System based on ISO 50001:2018 standard results in following benefits:

- Supports the development of an energy policy and contributes to the structure of an energy plan to achieve targets.
- Facilitates engagement (commitment and agreement) of management and has a positive contribution towards the energy targets.
- Creates awareness and a commitment about energy (i.e. consumption, use, efficiency, renewable sources) within the organization.
- Improves the ability of organizations to manage energy risks concerning possible impacts in an efficient and effective way.
- Strengthens the competitiveness of organizations and reduces their vulnerability with respect to energy price fluctuation and availability of energy.
- **Allows the establishment of a benchmarking process.**
- **Allows organizations to gain credible external visibility of energy saving actions.**
- **Provides a better understanding between predictable energy demand and supply.**
- **Reduces energy costs and improves profitability.**

ISO 50001 focuses on a continual improvement process to achieve the objectives related to the environmental performance of an organization (enterprise, service provider, administration, etc.). The process follows a plan – do – check – act approach.

implementing ISO 50001 yields significant benefits beyond energy and energy cost savings. The conformance with the standard results in some non-energy benefits such as greater productivity and lower maintenance needs. This is because ISO 50001 fosters a change in culture that engages and empowers employees to identify and address energy-saving opportunities as they materialize. Then, by continuously monitoring and improving energy efficiency, companies achieve persistence in energy savings.

By certifying to ISO 50001:2018, companies and organizations can demonstrate their commitment to sustainability to their customers, employees, investors and regulators. In so doing, companies and organizations can gain a competitive advantage in the marketplace by proving themselves as good corporate citizens. This can help enhance their brand, which directly supports their marketing strategy.

The webinar aims at explaining development and implementation of an effective Energy Management System based on ISO 50001:2018 standard so the standard can be implemented in true spirit and organizations can achieve continual improvement in their energy performance

Webinar Coverage:-

- Introduction and advantages of Energy Management and ISO-50001:2018 Energy Management System(EnMS),
- Benefits of implementing ISO 50001:2018 system,
- ISO 50001 Family
- Development of ISO-50001:2018 Energy Management System and best practices around the world
- Principles of Energy Management System(EnMS),
- Energy performance indicators, monitoring and performance measurement
- Key Elements of an Energy Management System based on ISO 50001:2018 standard
- Framework of an Energy Management System based on ISO 50001:2018 standard
- Plan – Do – Check – Act(PDCA) approach of ISO 50001:2018 Energy Management System
- ISO-50001:2018 Standard revision and changes
- Terms and definitions
- Clause wise explanation of ISO-50001:2018 Standard
- Mandatory documented information/records as per ISO 50001:2018 standard,
- How to effectively implement Energy Management System(EnMS) as per ISO 50001:2018 standard
- ISO-50001:2018 certification process
- Case study and examples

Speaker Profile:- Mr. Ankur Dhir is a Graduate Engineer and MBA in Total Quality Management. He is a national level Consultant cum Trainer for ISO Management Systems and lean manufacturing. He is a Lead Assessor for ISO-9001, ISO 14001, ISO 27001 and ISO-45001 management system. He is having more than 18 years of work experiences as consultant cum trainer.



Register to learn (Key Learning's' in bullet points):

- Development of ISO-50001:2018 Energy Management System and best practices around the world
- Benefits of implementing ISO 50001:2018 system,
- Principles of Energy Management System(EnMS),
- Energy performance indicators, monitoring and performance measurement
- Framework of an Energy Management System based on ISO 50001:2018 standard
- Plan – Do – Check – Act(PDCA) approach of ISO 50001:2018 Energy Management System
- Clause wise explanation of ISO-50001:2018 Standard
- Mandatory documented information/records as per ISO 50001:2018 standard,
- How to effectively implement Energy Management System(EnMS) as per ISO 50001:2018 standard
- Case study and examples

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Thanks and regards

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