ISO Learning by Quality Associates

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Course code: S1051

ISO 50001 EnMS

Energy Management Systems Requirement

ISO 50001 is an international specific requirements for establishing, implementing and maintaining energy management. The standard aims to help organizations continually reduce their energy use, and therefore their energy costs and their greenhouse gas emissions. This standard is applicable to all organizations, regardless of size or complexities. The standard is applied to demonstrate the ability to consistently manage energy that meet regulatory requirements. This course helps aspiring participants to understand how ISO 50001 helps to continually improve organisational energy management system using its best practice. Participants learn the details of each clauses of the standard requirement to be able to apply within their organization.

OBJECTIVE

- To describe the concept overview of the ISO 50001 requirement.
- To provide knowledge on energy management system (EnMS) and describe how Risk-Based Thinking is applied in ISO 50001.
- To explain the importance of customer-specific requirements in the energy management system.
- To build awareness in quality and encourage continual improvement within organization.
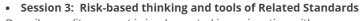
CONTENT

- **Session 1: Introduction**
Describe energy management approach and how to use process mapping to understand a process. Identify which elements impact process performance and determine measures that can be used to monitor and improve the performance of the process.

- **Session 2: Terms and Definitions**
Describe relevant terms and definitions that normally use in the quality system.

- **Session 3: Risk-based thinking and tools of Related Standards**
Describe quality concept is implemented in conjunction with energy management system. Explain risk-based thinking fosters a proactive culture of prevention and improvement

- **Session 4: Interpretation of standard requirement**
Describe the ISO 50001 requirement clause by clause that implemented in conjunction with energy management system. Explain concept and awareness to improve effectiveness of the quality system.

- **Session 5: Conclusion**
Conclude requirement and explain step to implement the system.

Exercise workshop will also be delivered in each key sessions

PREREQUISITES
Basic knowledge in quality is optional. Experience in any industry will be more benefit.