

Course code: A1151

# INTERNAL AUDIT FOR ISO 50001

ISO 50001 is an international standard in Energy management systems that supports organizations to use energy more efficiently through the development of an energy Management System. The standard purposes to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use, and consumption. This course prepares your staff to serve as ISO 50001 Internal Auditors evaluating existing quality systems against the ISO 50001 standard. Participants learn the details of each of steps of conducting an internal audit, but specifically how to use a process focus as required by the ISO 50001 standard.

## OBJECTIVE

- To describe the concept overview of the ISO 50001 auditing.
- To provide knowledge on how internal audit is organized and describe how Risk-Based Thinking is applied in ISO 50001 Internal Audits.
- To describe the guidelines of management system auditing according to ISO 19011.
- To explain the importance of customer-specific requirements in the internal audit process.
- To explain role and responsibility of the internal auditor.

## CONTENT



### • Session 1: Introduction

Describe process 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 internal audit system.

### • Session 3: Internal Audit Perspective of Related Standards

Describe ISO 50001 standard requirement is implemented in conjunction with quality management system. Explain risk-based thinking fosters a proactive culture of prevention and improvement

### • Session 4: Internal Audit Process and Practice

Describe EnMS internal auditing process that implemented in conjunction with quality management system. Explain each steps of internal audit process to improve effectiveness of the audit result. How to issue nonconformity and elaluate itemize nonconformities.

### • Session 5: Conclusion

Conclude techniques that can lead to more effective audits and efficient outcomes.

\*Exercise workshop will also be delivered in each key sessions\*

## PREREQUISITES

Knowledge in quality/safety/technical is necessary. Experience in any industry will be more benefit.



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