



**Training on
Energy Management ENMS
ISO 50001:2011 Internal
Audit**

Course Duration: TWO Days

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INTRODUCTION

ISO 50001:2011 is the International Standard for Energy Management, released in June 2011 that replaces the British and European Standard BS EN 16001:2009. It provides the most robust framework for **optimizing energy efficiency** in public and private sector organizations.

The standard helps & supports the organization to establish the systems and processes, to improve their energy performance, efficiency and control the consumptions with systematic approach & use of cutting edge technology. The standard is applicable to all types and sizes of organizations.

Certification to this standard brings to light an organizations commitment towards nature through continual improvement. EnMS will give confidence amongst the customers of energy efficient product/services thereby building the image in competitive market.

BENEFITS OF ENERGY ACCOUNTING AND REPORTING AS PER ISO 50001:2011

- Significant **Financial Savings**
- Enhanced marketing capabilities. Make your business stand out.
- Continual Energy Efficiency improvements
- Ensure timely Legal & regulatory compliance
- System Compatibility; ISO 50001 can be integrated with existing management systems

OBJECTIVES

- Purpose and benefits of an Energy Management System
- Interpret the requirements of ISO 50001:2011 & its process Interrelationship in the context of an audit
- Summarize the applicable legal requirements in energy conservation
- Brief the role of an auditor to plan, conduct, report, and follow up on an energy management system audit in accordance with ISO 19011:2011
- Plan, conduct, report and follow up on a EnMS audit based on good process identification, sampling, and questioning techniques

COURSE CONTENT

The course focuses on implementing the requirements of the ISO 50001:2011 standard to help your organization to develop & implement policy, identify significant energy & improve energy performance and also prepare & maintain required documentation.

The course program includes the following main topics:

- ✓ Introduction to Energy Management ISO 50001 Overview
- ✓ ISO 50001 Requirements Process-based Energy Managements
- ✓ Energy Management Legislation The Audit Process
- ✓ Developing the checklist Conducting the on-site audit
- ✓ Audit Review of Findings Audit: Report, conclusion &
Addressing corrective actions
- ✓ Course review and summary Written Examination

BENEFITS

On Successful completion of the course, the delegates would be able to understand

- Purpose and benefits of an energy management system
- Requirements of ISO 50001:2011 standards;
- Quantification of Energy
- Summarize the role of laws in energy conservation and the requirements of various acts and rules applicable in the industry sector
- Plan, conduct, report and follow up on a EnMS audit based on good process identification, sampling, and questioning techniques
- Manage an EnMS systems audit

CERTIFICATE

**Participants qualifying writtenexamination shall
beawardedcertificateof successful completionofthecourse.**

WHO SHOULD ATTEND

- Energy Managers/energy team members, Energy/ Environmental auditors
- Environmental or Quality Managers, Management representatives
- Any One interested in improving and implementing EnMS
- Students from Engineering, Management, and Science Streams

About us

Shreyas Quality Management System is a Consultancy Development Centre(CDC), Govt. of India Accredited, and IMS(ISO9001QMS,14001EMS & OHSAS18001) certified Training & Consultancy Organization focused on organizational performance improvement through the globally accepted tools such as ISO 9001, ISO14001 EMS, ISO5001EnMS,TS16949,NABL ISO 17025,ISO15189,ISO 27001 ISMS, OHSAS 18001, SIX SIGMA, 5 S/Kaizen, TQM, quality costs, design of experiments(DOE) etc. It has helped many organizations both from manufacturing and service sectors to analyze and improve their performance through well-established systems. It has team members possessing a wide spectrum of professional qualifications, experience and expertise which could effectively and efficiently address improvement issues which are of importance to your business / organization. It has provided consultancy to more than 200 organizations both from manufacturing and service organizations for quality improvement.

Organised by-

SHREYAS QUALITY MANAGEMENT SYSTEM (SQMS)

(Consultancy Development Centre, Govt. of India Accredited, and IMS certified Training & Consultancy Organization)

Training & Consultancy for-

- Six Sigma, TQM - Quality Award, Quality Cost, TPM, SQC
- ISO 9001QMS; ISO 14001 EMS, QS 9000, OHSAS 18001, ISO 27001 ISMS, ISO 50001 EnMS
- ISO 17025/15189 (NABL Accreditation), NABH, HACCP, SEI-CMM,

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