

ISO 50001 Training Courses



ISO 50001 courses are designed to help you understand and implement an energy management system (EnMS) based on ISO 50001 with confidence. With training, you could achieve greater savings while avoiding common mistakes. ISO 50001 can also help you with [ESOS](#).

BSI Group, also known as the British Standards Institution, is a multinational business services provider whose principal activity is the production of standards and the supply of standards-related services including training.

Courses Available

RRC in Partnership with BSI offer the following **ISO 50001** courses:

- ISO 50001 Requirements - 1 day
- ISO 50001 Implementation - 2 days
- ISO 50001 Lead Implementor - 5 days
- ISO 50001 Internal Auditor - 2 days
- ISO 50001 Lead Auditor - 5 days

Teaching Methods Available

Classroom

Throughout the UK through BSI

- Expert teaching from highly experienced BSI trainers.
- Venues - 16 UK venues.
- Professional training environment - providing the perfect environment to learn with refreshments throughout the day including lunch.
- Detailed course notes.
- Internationally recognised BSI Training Academy certificate

Please call for more details on venues, dates and pricing.

ISO 50001 Requirements Course



This one-day **ISO 50001:2018** requirements course uses an activity-based, delegate-centred approach. This helps you share energy management experiences and knowledge with other attendees, bringing the information presented alive to improve retention and support your implementation process when you return to work.

You'll learn about **ISO 50001**, common terms and definitions in the standard as well as the key concepts and requirements related to **ISO 50001:2018 Energy Management Systems (EnMS)**.

ISO 50001 Requirements allows you to gain an understanding of effective occupational health and safety management in an organisation. The course content covers:

- Understand and explain the importance and benefits of having an effective energy management system in place
- Develop and implement an EnMS that allows your organisation to continually improve how it uses energy
- Manage energy consumption and efficiency
- Understand how energy performance is a key element of an organisation's performance and the benefit of integrating an EnMS with an organisation's overall strategy
- Motivate colleagues and engage their commitment and cooperation
- Informing senior management team of the requirements, help the decide on next steps and provide guidance on implementation decisions and auditing requirements
- Recognise the importance of energy management systems in accelerating climate change action in support of United Nation climate change agreements
- Recognise the importance of corporate social responsibility, sustainability and governance initiatives as well as how to protect the brand and reputation

ISO 50001 Requirements will help you to explain:

- What is an energy management system
- Why an EnMS is important to an organisation and its benefits
- The background of ISO 50001:2018 and its intended outcome
- The terms and definitions used
- The key concepts and structure of ISO 50001:2018
- The main requirements of ISO 50001:201

ISO 50001 Implementation Course



The ISO 50001 Implementation course is a 2 day course which provides the skills and knowledge required to implement the requirements of ISO 50001:2018. It covers the technical and non-technical tools and techniques needed to establish, implement and maintain an EnMS.

Pre-requisites: You must have ideally completed an Energy Fundamentals course, and must have completed an **ISO 50001 Requirements** Training Course; as the requirements of ISO 50001:2018 are not taught on this course.

ISO 50001 Implementation covers:

- Preparing project plans
- Integrating EnMS into business processes
- Gaining top management buy-in
- Carry out energy reviews
- Defining energy baselines and energy performance indicators
- Building awareness
- Identifying objectives and energy targets

By the end of the **ISO 50001 Implementation** course, you will be able to:

- Develop and implement an EnMS based on ISO 50001:2018
- Ensure that objectives and energy targets are aligned with the organisation's strategic intent and intended results
- Develop a project plan to implement ISO 50001:2018
- Identify the resources, competencies and resources required to implement an EnMS
- Integrate ISO 50001:2018 requirements into your business processes and with other ISO and non-ISO management systems
- Continually improve your organisation's energy performance and costs, environmental impacts and other objectives

ISO 50001 Lead Implementor Course



This 5 day course combines the **ISO 50001 Requirements** and **Implementation** courses, with an additional 2 days of content with examination.

This will provide you with: An in-depth understanding of the standard; the best practice methods to implement the standard within your organisation; and ensure its effectiveness by teaching you management skills such as leadership, effective delegation, problem solving and motivation. It is designed for those who are responsible for the management and implementation of an ISO 50001 management system.

ISO 50001 Lead Implementor will help you to explain:

- What is an energy management system?
- Why an EnMS is important to an organisation and its benefits
- The background of ISO 50001:2018 and its intended outcome
- The terms and definitions used
- The key concepts and structure of ISO 50001:2018
- The main requirements of ISO 50001:2018

Knowledge and skills gained from completing the **ISO 50001 Lead Implementor** course:

- Plan and implement an ISO 50001:2018 EnMS
- Define the resources required to implement an EnMS
- Establish and manage the project plans for implementing an EnMS
- Integrate EnMS requirements into your business processes
- Develop and utilise the technical aspects of energy review, energy baselines, energy performance indicators, and energy measurements
- Develop energy policies, processes, objectives, targets and documented information
- Identify the leadership skills, based on best practice, to lead the implementation of a management system, including:
 - Leading the implementation process
 - Support and planning tools
 - Facilitating organisational change
 - Effective delegation
 - Motivation

ISO 50001 Lead Implementor course will help you:

- Gain an in depth knowledge of the requirements of ISO 50001:2018
- Develop the confidence to apply this knowledge within your organisation
- Be able to perform detail gap analysis and project plan
- Know what each clause requires for effective implementation
- Develop the management skills to effectively lead the implementation of an effective ISO 50001 management system within your organisation
- Be able to prove your knowledge by completion of the course exam

ISO 50001 Internal Auditor Course



ISO 50001 Internal Auditor is a 2 day course that will teach you the fundamentals of planning, conducting and reporting on an internal audit on your energy management system based on ISO 50001:2018, as well as elements of ISO 19011:2018 and ISO 50003. You will also gain an appreciation of verifying improvements in energy performance, and in assessing the effectiveness of an energy management system.

Pre-requisites: An understanding of the requirements in ISO 50001:2018, as covered in the Requirements course is necessary, as this course does not cover any understanding of the requirements of this standard.

The **ISO 50001 Internal Auditor** course enables you to:

- Explain and apply the guidelines of management systems auditing according to ISO 19011:2018
- Explain the application of these guidelines to auditing ISO 50001:2018
- Plan an internal audit of ISO 50001:2018
- Prepare internal audit activities
- Conduct an internal audit
- Prepare and distribute the internal audit report
- Complete the audit
- Audit follow up

Upon completion of the **ISO 50001 Internal Auditor** course, you should be able to:

- Recognise areas your Certification Body (CB) will be generally looking for to comply with generic internal auditing requirements in management system standards. This will include the meanings and intention of certification criteria and associated theories, methodologies, techniques or tools
- Have the necessary knowledge and skills to carry out an internal audit of your organisation's energy management system
- Apply and document internal audit activities and outputs in a concise, consistent and informative manner
- Assess and attest that your energy management system is in conformity with ISO 50001 and it is implemented effectively
- Be confident that you are demonstrating energy performance improvements
- Prepare your organisation for third-party audit of its energy management system

ISO 50001 Lead Auditor Course



The 5 day **ISO 50001 Lead Auditor** course teaches you the knowledge and practical skills required to undertake and lead a successful second-party EnMS audit. You will acquire the skills to plan, conduct, report and follow up on an EnMS audit.

Pre-requisites: It is strongly recommended you attend the ISO 50001 Requirements course (or equivalent), and an energy management fundamentals course. It will also help if you have experience in conducting some internal audits and supplier audits.

On completion of **ISO 50001 Lead Auditor**, successful delegates will have the knowledge and skills to:

Knowledge

- Explain the purpose of an EnMS, EnMS standards, management system audit, of third-party certification, and the business benefits of improved energy performance
- Explain the role of an auditor to plan, conduct, report and follow-up an EnMS audit in accordance with ISO 19011 and ISO/IEC 17021 of improved energy performance

Skills

- Plan, conduct, report and follow-up an audit of an EnMS to establish conformity (or otherwise) with ISO 50001, and in accordance with ISO 19011 and ISO/IEC 17021 where appropriate