



Energy Management System (SS ISO 50001) in achieving NetZero Economy

Training Course

A Better World Through Partnership

As one of Singapore's largest providers of testing, inspection, and certification solutions, **SETSCO** is your partner in progress.

Course Description

Climate change is an unprecedented and urgent crisis, posing one of the greatest challenges of our time. It demands immediate, decisive, and unified action from every sector. Singapore, under the Energy Conservation Act (ECA) and the ambitious Green Plan 2030, is leading the charge to cut emissions to about 60 million tonnes of CO2 equivalent by 2030, with a bold vision of achieving a Net Zero economy by 2050. By implementing a robust Energy Management System (EnMS) based on ISO 50001 principles and best practices, your organisation can drive significant improvements in operational efficiency, bolster its reputation, enhance competitiveness, and mitigate risks.

Why SETSCO?

With over 40 years of extensive experience, we have been trusted by the biggest names in the international markets

We're your partner in making better happen. We listen, understand, and work closely on requirements, forge relationships that endure, and keep performance standards high—improving the game for everyone.

About the course

- **Energy Transition and NetZero**

Gain a comprehensive understanding of the journey from energy transformation to achieving a NetZero economy.

- **ISO 50001 Standard Framework**

Equip yourself with an in-depth understanding of the ISO 50001 standard, including best practices for implementation within your organisation. Develop essential management skills such as leadership, effective delegation, problem-solving, and motivation to ensure the standard's effectiveness.

- **Integration of ISO 50001 Principles**

Learn to integrate ISO 50001 principles and best practices into your energy management strategies, driving your organisation towards a NetZero economy.

Trainer: Derrick Hong

@ PowerQ Technology Pte Ltd

Derrick has more than 27 years of industrial experience in the energy, environmental sector, and has conducted numerous Energy Audit and Energy Saving Performance Projects, Environmental Sustainability Design, Green Certification consultancy services (including ISO 50001 certification projects).

Professionally, he is a Singapore Certified Energy Manager (SCEM by NEA), Certified Energy Auditor (EA by BCA), Green Mark Accredited-Professional (GMAP by SGBC/BCA) and Certified Sustainability Report Specialist (by ICSP). In addition, a technical committee for Singapore Standard on Energy Standard for Energy Management System on SS ISO 50001, 50006 & 50015 under the Singapore Standards Council.

Learning outcomes

- Gain an in-depth understanding of the ISO 50001 standard, its structure and key principles
- Learn how ISO 50001 can serve as a framework for efficient energy management within an organisation, and understand the concepts and requirements of the standard.
- Explore essential concepts, terminology and core requirements specified in ISO 50001. Understand the significance of energy policy, energy planning, performance indicators, and legal compliance within the standard.
- Learn the processes to initiate, develop, and maintain an effective Energy Management System (EnMS) compliant with ISO 50001.
- Understand the step-by-step process of implementing an EnMS, including strategies for energy performance improvement, monitoring, measurement, and continual improvement.



Course Content

- Understanding Climate Change and the NetZero Economy
- Energy Transition and The Changing Energy Landscape
- Introduction to Energy Management
- ISO 50001 Overview, Requirements, and Framework
- Process-Based Energy Management Implementation
- Energy Management Reporting and Certification Process
- Emerging Trends in Clean Energy Technologies

Who should attend

- Facilities Executives, Managers and Directors
- Energy Managers / EEOA
- Sustainability Officers and Engineers
- M&E Consultants

(*PE PDU points : To be confirmed)

Registration

Register online at
<https://www.setsco.com/setsco/Info/html/id/2.html>

Contact details

Mr. See Wah Kiaw
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Training Dept Email: training@setsco.com

Course Schedule

Date : 18th July 2024, Thursday

Time : 9:00am – 5:00pm

Venue : 531 Bukit Batok Street 23,
Singapore 659547

Course Fee (Before 9% GST) : S\$450.00

Course Fee (After 9% GST) : S\$490.50

Certificate of Attendance will be issued upon completion of Training.

***Refreshment and Lunch are provided.**