



Energy Management System (ISO 50001:2011) Implementation Course

NEW

PDU to be awarded by Professional Engineers Board, Singapore

Date : 03 – 05 June 2014

Time : 9:00am – 5:00pm

Venue : Park Mall
#08-02 Park Mall
Singapore 238459

Energy management is very crucial issue for the success and survival of every business. ISO 50001:2011 is the latest standard designed to help organizations to achieve effective energy management.

The course creates complete awareness about the requirements of systems, processes and documentation in line with ISO 50001 requirements to improve energy performance. Delegates will be able to relate ISO 50001 to organization's energy costs and GHG (Green house gases) emissions.

This 3 days course introduces you to requirements of ISO 50001 standards, to help understand and appreciate the advantage of implementing an EnMS. The course further prepares you to establish systems, processes & prepare documentation in line with ISO 50001 requirements.

Experienced SGS tutor will take through various workshop, discussion, lectures, quiz etc., to ensure effective learning during the course.

Target Audience

- Managers / executives / personnel who are involved in developing and implementing Energy Management System
- Professional / personnel who are likely or currently involved in implementing and maintaining an Energy Management System to meet the ISO 50001 Standard
- Facilities / Energy / Environmental / Quality Managers, Executives and Supervisors.
- Personnel who wish to know more about the standard and its requirements.

Objectives

Upon completion of this course, delegates will be able to:

- Describe an Energy Management System
- Explain energy efficiency and energy performance
- Understand the requirement of ISO 50001:2011
- Identify and prepare documents in line with ISO 50001:2011
- Prepare a plan for implementing a EnMS
- Conduct energy review; establish baseline and EnPI
- Develop and establish processes, policies, objectives and measurement requirements
- Prepare the organization for certification

Programme Outline

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 programme includes the following main topics:

- Introduction to Energy Management
- Understanding Energy Management
- Interpretation of ISO 50001:2011 Requirements
 - Roles of Top Management and Management Representative
 - Energy Planning activities
- Implementing ISO 50001:2011
 - Implementation Plan
- Energy Policy and Energy Planning
 - Writing an Energy Policy
 - Preparing an Energy Plan
- Energy Review
 - Conducting Energy Review
- Responsibility, Awareness and Documentation
- Legal and Other Requirement
- Measurement and Monitoring

Organized by:



Supported by:



Sustainable Energy Association of Singapore (SEAS)

9 Penang Road, #08-02 Park Mall Singapore 238459 | Tel: +65 6337 9886 | Fax: +65 63376658 | www.seas.org.sg

About SEAS

Sustainable Energy Association of Singapore (SEAS) an industry association launched in 2006, today has 160 members in the area of Energy Efficiency, Solar, Wind, Biomass, Carbon and Clean Energy Financing. SEAS aims to be the voice of sustainable energy industry and promote the business of its member companies.

Today, SEAS is also specializing in running trainings, courses and conferences only in the area of sustainable energy. SEAS aims to be the one stop, information and training provider, in the area of sustainable energy. Our trainers and lectures are not only highly qualified academic professionals but also industry specialists and professionals that are successful and sought after practitioners in the area of Sustainable Energy. Majority of Key Qualified Personnel (KQP) and Accredited Energy Services Companies are members of SEAS. They have, as a group successfully executed a multitude of energy projects with varying complexities both locally and regionally.

About the Trainer

Mr. Eric Gwo-Tai Huang is the Global Project Manager, Energy/Sustainability in SGS Group. He has been responsible for facilitating SGS's response to the introduction of both ISO 50001:2011 and BS EN 16001:2009 to the energy management market. Mr. Huang has 24 years environmental engineering and management experiences in audit, consulting, engineering and operation, and specialising in energy and climate change. Mr. Huang has conducted numerous of energy management system audit, energy & climate change consulting/audit, waste management, waste treatment/recycling, site remediation, site decontamination, vibration measurement, industrial service, and river basins pollution management projects.

In accordance with SGS procedure and International Register of Certificated Auditors (IRCA) requirements, Mr. Huang was part of the design team for the Energy Management Auditor/Lead Auditor Course. He also is a tutor of IRCA ISO 50001:2011 Energy Management Systems (EnMS) Lead Auditor Training Course (IRCA Certified Course No: A17574). Besides delivering numerous runs of IRCA ISO 50001 Lead Auditor Training Course in Taiwan, he also delivered the same in UK, Hong Kong, USA and Russia. His trainings also include ISO 50001 Implementation and EnMS Lead Auditor Conversion with his footprint covering Vietnam, Egypt, China, Germany, Turkey, Singapore, India, Chile and Japan.

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Registration Form

- Yes! I would like to register for this programme.
 I am unable to attend but please put me on your mailing list.

	Early Bird (Registration with payment made on/before 30 April 2014)	Normal Fee (Closing Date: 23 May 2014)	Group Fee (Closing date: 23 May 2014)	No. of Delegates	Fee Payable
<input type="checkbox"/> SEAS Member	S\$1,498	S\$1,926	-		
<input type="checkbox"/> Non Member	S\$1,926	S\$2,247	S\$1,819		

- * Fees are inclusive of GST.
- * Fees include refreshments, lunch and programme collateral.
- * Enjoy group discount for 4 or more delegates registered at the same time from the same organization and same billing source.
- * Only one type of discount scheme is applicable at any one time.
- * Please print and complete additional sheets where necessary.
- * Important: Walk-in delegates will only be admitted on the basis of space availability and with full payment made on site.

Participant's Details

1. Name (*Dr/Mr/Mrs/Ms): _____ NRIC: _____
Designation: _____ HP No: _____ Email: _____
2. Name (*Dr/Mr/Mrs/Ms): _____ NRIC: _____
Designation: _____ HP No: _____ Email: _____
3. Name (*Dr/Mr/Mrs/Ms): _____ NRIC: _____
Designation: _____ HP No: _____ Email: _____

Organization's Details

Company Name: _____
Company Address: _____

Postal: _____
Contact Person's Name (*Dr/Mr/Mrs/Ms): _____
Tel: _____ Fax: _____
Email: _____

Administrative Information

Registration and Payment

Please complete the enclosed registration form and forward it together with your cheque at least 7 days before the commencement of the programme to

**Sustainable Energy
Association of Singapore**
9 Penang Road
#08-02 Park Mall
Singapore 238459

Crossed cheque should be made payable to
"Sustainable Energy
Association of Singapore"
Application will close on **23 May 2014**.

Cancellation

SEAS reserves the right to change programme venue, cancel or reschedule the programme if necessary or warranted by circumstances beyond our control.

There will be no refund of fees for withdrawal. However, if the registration participant is unable to attend, a representative may be allowed to attend at no extra cost. Please inform us of the changes by fax or via email 3 days before the commencement of the programme.

Confirmation of Registration

Confirmation of registration will be given 5 working days before the commencement date via email. Registration is confirmed only upon receipt of payment.

If you do not hear from us
Please contact Ms Sherlene Lim at:
Tel: 63379886
Email: training@seas.org.sg
Fax your registration form to 63376658