



Energy Efficiency and Cost Saving Strategies

Energy efficiency is said to be the pillar of the sustainable energy policy. Energy efficiency may result in increase of revenue, environmental value, national security, personal security, and human comfort. Individuals and organisations that are direct consumers of energy may want to conserve energy in order to reduce energy costs and promote economic security. Industrial and commercial users may want to increase efficiency and thus maximise profit.

CONTENTS

- Introduction to Energy Efficiency
- Energy Efficiency in Heating, Ventilating and Air Conditioning (HVAC) Systems
- Energy Efficiency in Electrical Systems
- Energy Efficiency in Mechanical Systems
- Energy Management Tools
- Energy Analysis
- Advances and New Technologies in Energy Efficiency
- Exercises and Case Studies

OBJECTIVES

At the end of the programme, participants will be able to:

- develop a working knowledge of the various energy efficiency and conservation procedures and techniques;
- implement strategies and methodologies to create an effective energy efficiency and conservation programme ;
- enhance their knowledge and skills to identify and address energy efficiency and conservation problems at all levels;
- implement energy efficiency and conservation procedures that are cost effective and aligned to the organisation's strategic goals; and
- improve performance by developing detailed specifications with service partners.

WHO SHOULD ATTEND

Engineering Professionals, Technical / Maintenance Managers, Executives and Project Team Members.

FACILITATOR

Ir. N. Jayaseelan is a Registered Professional Engineer with the Board of Engineers, Malaysia. He obtained his Higher National Diploma in Mechanical Engineering from Leeds Polytechnic (UK) and subsequently a Bachelors Degree (Honours) in the same discipline from the University of Malaya. He has about 23 years of working experience in various industries, which include manufacturing, building maintenance, foundry, water and sewerage industries, etc. He has vast theoretical and practical knowledge of the various M&E equipment used in industry. He also writes technical articles for various journals and magazines.

He is a recipient of the Association of Overseas Technical Scholarships (AOTS) award on two occasions, awarded by the Ministry of Economy, Trade and Industry of Japan. He was also a member of the working group to draw up the energy efficiency and energy conservation guidelines for pumps and compressors for Malaysian industries organised by the Institution of Engineers, Malaysia, Pusat Tenaga Malaysia, and the Ministry of Energy, Water and Communications (KTAK).

For further enquiries, please contact:
Ms Carmen / Ms Ravathi / Pn Hafifah



FMM Institute

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Visit us at www.fmm.edu.my

ADMINISTRATIVE DETAILS

Dates : **Feb 23-24, Jul 27-28, Nov 9-10, 2011**

Time : 9.00 am – 5.00 pm

Venue: FMM Institute

Wisma FMM, 2nd Floor

No. 3, Persiaran Dagang

PJU 9 Bandar Sri Damansara

52200 Kuala Lumpur

Fees : FMM Members – RM750 per participant

Non Members – RM950 per participant

(Fees include course materials, Certificate of Attendance, lunch and refreshments)

SBI Scheme 100%

Registration is on a first-come-first-served basis. Cheques made in favour of the “**FMM Institute**” should be forwarded one week before the commencement of the programme. Completed registration form, that is faxed, mailed or e-mailed to FMM Institute, would be deemed as confirmed.

All cancellations must be made in writing. There will be no charge for cancellation received 10 or more working days before the start of the programme. Cancellation received 6 – 9 working days before the start of the programme is subject to a cancellation fee of 50% of the course fees. Cancellation received 5 working days and below before the start of the programme is subject to a cancellation fee of 100% of the course fees. If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost.

10% group discount is applicable for registration of three (3) or more participants from the same organisation and of the same billing source.

The FMM Institute reserves the right to change the facilitator, reschedule or cancel the programme and all efforts will be taken to inform participants of the changes.

REGISTRATION FORM

Energy Efficiency and Cost Saving Strategies

FMM Institute

Kuala Lumpur

The Manager

FMM Institute

Tel: 03-62867200

Fax: 03-62776712 / 62756064

Please tick (✓) accordingly:

PSMB Scheme: SBL Non Contributor

Required vegetarian meal: Yes No

Dates: Feb 23-24, 2011 Jul 27-28, 2011

Nov 9-10, 2011

Dear Sir/Madam,

Please register the following participant(s) for the above programme.

(To be completed in **BLOCK LETTERS**)

1. **Name** **Designation** **E-mail**

Nationality **IC No.**

2. **Name** **Designation** **E-mail**

Nationality **IC No.**

3. **Name** **Designation** **E-mail**

Nationality **IC No.**

(If space is insufficient, please attach a separate list)

Enclosed cheque/bank draft No. _____ for RM _____

being payment for _____ participant(s) made in favour of the "FMM Institute".

Submitted by:

Name: _____

Designation: _____ E-mail: _____

Company: _____

Address: _____

Tel No.: _____ Fax No.: _____ Date: _____

FMM Membership No.: _____ My Corporate Identity No.: _____