CERTIFIED ENERGY AUDITOR (CEA)

Organised by : MAESCO (Pertubuhan Syarikat Syarikat Perkhidmatan Tenaga Malaysia) Malaysia Association of Energy Service Companies

Supported by : Suruhanjaya Tenaga Energy Commission

14 CPD Points by Suruhanjaya Tenaga

Date : **20-23 November 2017**

Venue : PKNS BizPoint, Seksyen 7, Shah Alam, Selangor

Fees : RM4500 (promotional price)

- ~~**RM 6000.00** / person (Public)~~
- ~~**RM 5500.00** / person (MAESCO members)~~

HRDF CLAIMABLE

Minimum Qualification Requirements

- An engineering or architectural degree, or a registered Professional Engineer (P.E.), or Registered Architect (R.A.) with at least 3 years' verifiable experience in energy auditing.

OR

- A non-engineering degree with at least 4 years' verifiable experience in energy auditing.

OR

- A diploma holder in any technical field, with at least 6 years' verifiable experience in energy auditing.

- It is possible for a person with the correct academic qualification but not having the relevant energy related experience, to undertake the course and the examination. On passing the exam they will be awarded the "Energy Auditor in Training" status. They may apply for full certification within 3 years without having to retake the examination. Their competencies will be assessed against the published requirements to ensure that they have the relevant experience to become certified.

www.maesco.org.my

MAESCO Energy Auditor Certification

MAESCO is introducing a certification scheme for energy auditor. The purpose is to raise the standards in energy auditing service offered by energy service professionals. The scheme will make available a list of competent and qualified energy auditors from which interested parties can select suitably qualified personnel to conduct energy audits at their facility.

The final objective is to eventually only allow the certified energy auditor to be the one qualified to audit any facility especially those covered by EMEER 2008 Regulations or any energy audit programme by the Government and their agencies. MAESCO will seek to get the certification scheme to be acknowledged by ST.

Two types of certification are Introduced:

1.Certified Energy Auditor (Buildings) and

2.Certified Energy Auditor (Industry) .

The minimum qualification for the certification process will take into account the diversity of education and practical experience an individual may have. The followings list the proposed requirements to be listed as a Certified Energy Auditor.

Steps to Certification:

- Attend mandatory training course with MAESCO or approved training partner.

- Attend and pass the required examination with 70%+ pass mark.

- Submit a complete certification application form and relevant documents to MAESCO.

- MAESCO Committee will review the application and advice on their decision.

After completing the entire requirement, MAESCO will award the candidate CEA certification. An annual fee is applicable to maintain the certification and certified energy auditors must remain up-to-date with changes in professional service by compiling 10 CPD points every two years.

Supporting Documents:

- Proof of education qualification
- Proof of previous energy audit experience
- Copy of previous energy audit reports

Course Outcomes

On completion of the training participant will be able to perform energy auditing tasks according to best practice standards and international norms and should be able to:

- Evaluate the energy consumption of an organisation.

- Analyse the energy data of the organisation to identify key trends or issues.

- Identify the areas of significant energy use for that organisation.

- Apply the principles of benchmarking

- Identify the key opportunities for energy improvements using sound audit principles.

- Apply sound financial principles to energy management projects including life cycle costing and savings to investment analysis.

- Undertake the role as a lead energy auditor

Course Outline

- Energy Auditing
- Understanding Energy Bills
- Energy Analysis
- EA Report & Presentation
- Economic Analysis
- Building Envelope
- Lighting
- ACMV
- Motors & Drives
- Compressed Air System
- Heating Systems
- Cogeneration
- Alternative Energy

To Register:

http://www.maesco.org.my/certified-energy-auditor-cea.html

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