



The Certified Energy Manager (CEM®) Program for Professional Certification

CEM Exam

- Date:** 30 January, 2010
- Exam Time:** 9:30 am to 1:30 pm
- Venue:** (Hong Kong) To be Advised
- Exam Code:** CEM / Exam / 01 / HK



THE MARK OF AN ENERGY PROFESSIONAL

Since its inception in 1981, the Certified Energy Manager (CEM®) credential has become widely accepted and used as a measure of professional accomplishment within the energy management field. It has gained industry-wide use as the standard for qualifying energy professionals both in the United States and worldwide. It is recognized by the U.S. Department of Energy, the Office of Federal Energy Management Programs (FEMP), and the U.S. Agency for International Development, as well as by numerous state energy offices, major utilities, corporations and energy service companies. By attaining the status of CEM, you will be joining an elite group of 6,000 professionals serving industry, business and government throughout the U.S. and in 22 countries.

Examination for CEM candidates

This is the CEM exam solely for those who had previously taken the course and/or exam. The exam is an open book and metric units are used as a unit standard.

Exam Fee:

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|------------|--|---------------------|----------------------|
| B1: | Re-sit exam - Full Course taken previously: | US \$ 230.00 | (HK \$ 1,800) |
| B2: | Re-sit exam - No Course taken previously: | US \$ 330.00 | (HK \$ 2,600) |

Note: The B1 candidates who pass in the coming exam will have free certification fee since they have paid before.

The B2 candidates who pass in the coming exam and would like to get a certificate from AEE USA, a further US\$200 certification fee is needed.

All candidates who obtain certification will enjoy 1-year AEE USA free membership worth US\$185.

Examination Requirement

All CEM candidates must satisfactorily complete a **four-hour** written open-book exam which contains 140 multiple choice questions, proctored by an approved exam administrator. Of the following seventeen (15) sections of the exam, candidates must complete at a minimum of eleven (11), including those indicated as **Required**. The first 11 sections answered will be marked if more than 11 sections answered.

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|--|---|
| 1. Energy Accounting and Economics - Required | 9. Building Automation System |
| 2. Energy Audits and Instrumentation - Required | 10. Control Systems |
| 3. Electrical Systems | 11. Thermal Energy Storage Systems |
| 4. HVAC Systems | 12. Lighting |
| 5. Motors and Drives | 13. Boiler and Steam Systems |
| 6. Industrial Systems | 14. Maintenance |
| 7. Building Envelope | 15. Building Commissioning & Measurement & Verification |
| 8. Cogeneration and CHP Systems | |

Certification Eligibility

The prerequisites to qualify for the certification process have been designed to take into account the possible diversity of education and practical experience an individual may have. However each CEM candidate must meet one of the following criteria with the pass of exam:

- An **engineering degree and/or R.P.E. and/or P.E.**, with at least **three (3)** years experience in energy engineering or energy management.
- A **science or business degree**, with at least **five (5)** years experience in energy engineering or energy management.
- A two-year **technical diploma or certificate**, with **eight (8)** years experience in energy engineering or energy management.
- **Ten (10)** years or more **verified experience** in energy engineering or energy management.

(Note: Letters of reference and verification of employment must be submitted.)

Evidence of years of experience must be submitted for CEM status application after passing the exam.

Application forms will be distributed the students after the exam for the CEM certification.

Conditions

- All candidates should firstly fax the form for registration and then mail the cheque for seat confirmation.**
- Every effort will keep the exam date unchanged. However, all candidates will be informed well in advance should there be any change of exam date due to venue booking and other reasons.**
- The organizer reserves the right to cancel the exam should there be insufficient candidates or other reasons. Exam fee will then be refunded 100%.**



< REPLY SLIP >

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Registration

Deadline: 20 Jan 2010 (First come first serve, application may close if class size reaches 40)

To register, please complete the reply slip and fax to (852) 2343 3132 or email to joanshih@ispl.com.hk and then mail to below to secure seat with your crossed cheque payable to:

“AEE Hong Kong Chapter”

c/o ISPL Consulting Ltd.

Room 901, SUP Tower, 75 King’s Road, North Point, Hong Kong.

Attention: Ms Joan Shih (Tel: 2797 9381)

Enquiry

Dr Leonard Chow, AEE Authorized Course Certification Administrator in Hong Kong.

Tel: 2566 3397, leonardchow@ispl.com.hk

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|---|--------------------|
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B1: _____, B2: _____ (Tick as appropriate)

Given Name: _____ Family Name: (Ir/Mr/Ms) _____

Company Name: _____ Position Title: _____

Company Address: _____

Contact Phone: (Office/Mobile): _____ Company Fax #: _____

Email Address: _____

Cheque no.: _____ Amount (HK\$): _____

When was your last time to take the course/exam? _____