

Singapore Certified Energy Manager (SCEM) Examinations

Information to Participants

1 INTRODUCTION

The Singapore Certified Energy Manager (SCEM) programme is jointly administered by the National Environment Agency (NEA) and the Institution of Engineers, Singapore (IES) under an SCEM Steering Committee and is supported by a Curriculum and Examinations (C&E) Board and a SCEM Registry.

To qualify for the SCEM certification at Professional Level, a person has to pass the examinations for 4 compulsory core modules and 2 elective modules¹ within 3 years and acquire 2-3 years of relevant working experience (refer to section 9 for details). The SCEM Examinations adopts a centralized examination system. The C&E Board has formed independent examination panels to oversee the examination process for each of the modules.

2 DATES OF EXAMINATIONS

The dates and timing for the 15th SCEM Examinations are as follow:

| Date | Modules | Time |
|-------------------|--|-------------------|
| 20 Sep 2016 (Tue) | Energy Management & Economics (EME) | 1000hrs – 1200hrs |
| 23 Sep 2016 (Fri) | Motor Driven Systems (MDS) | 1000hrs – 1200hrs |
| 27 Sep 2016 (Tue) | Energy Measurement & Appraisal (EMA) | 1000hrs – 1200hrs |
| 30 Sep 2016 (Fri) | Air-Conditioning and Mechanical Ventilation Systems (ACMV) | 1000hrs – 1200hrs |
| 11 Oct 2016 (Tue) | Building Envelope and Lighting Systems (BELS) | 1000hrs – 1200hrs |
| 13 Oct 2016 (Thu) | Integrative Design for Energy Efficiency (IDEE) | 1000hrs – 1200hrs |
| 18 Oct 2016 (Tue) | Energy Recovery and Reuse (ERR) | 1000hrs – 1200hrs |
| 19 Oct 2016 (Wed) | Steam and Compressed Air Systems (SCAS) | 1000hrs – 1200hrs |
| 21 Oct 2016 (Fri) | Combined Heat and Power Systems (CHPS) | 1000hrs – 1200hrs |

¹ Attending classes for core and elective modules is optional unless the candidate has failed the paper three or more times (Refer to section 4).

3 VENUE

The 15th SCEM Examinations will be held at the **Employment and Employability Institute (e2i)** located at 80 Jurong East Street 21, Singapore 609607. Details of the examination halls/rooms will be given to participants at a later date.

4 ELIGIBILITY TO SIT FOR EXAMINATION

Attending SCEM training classes for core and elective modules (listed in Table A below) prior to examinations is optional.

Candidates who have attempted any module three or more times will be required to undergo retraining for the affected module(s) before he/she is allowed to register for the examination for the affected module(s).

Table A - List of Core and Elective Modules

| Core Modules | | Elective Modules | |
|--------------|--|------------------|---|
| 1 | Energy Management & Economics (EME) | 1 | Building Envelope and Lighting Systems (BELS) |
| 2 | Energy Measurement & Appraisal (EMA) | 2 | Integrative Design for Energy Efficiency (IDEE) |
| 3 | Air-Conditioning and Mechanical Ventilation Systems (ACMV) | 3 | Steam and Compressed Air Systems (SCAS) |
| 4 | Motor Driven Systems (MDS) | 4 | Combined Heat and Power Systems (CHPS) |
| - | | 5 | Energy Recovery and Reuse (ERR) |

5 FEES

For candidates with SCEM Training Grant from NEA

The fees for the examination would be covered under the SCEM Training Grant for the first sitting only. Candidates who are re-attempting papers would have to pay the examination fees² directly to their respective RTPs.

² Candidates are to check the fees with their respective RTPs

For candidates with SCEM Training Grant from e2i

The fees for the examination would be covered under the SCEM Training Grant for the first sitting only. However, candidates will need to pay the module and exam fee upfront to their respective RTPs and will only be entitled to claim the Training Grant upon passing the exam. Candidates who are re-attempting papers would have to pay the examination fees² directly to their respective RTPs.

Information on the SCEM Training Grant (from e2i) can be found at the Energy Efficient Singapore (e2singapore) website below.

http://www.e2singapore.gov.sg/Incentives/Singapore_Certified_Energy_Manager_Training_Grant.aspx

For candidates who are non-grant holders

Candidates would have to pay the examination fees² directly to their respective RTPs.

6 APPLICATION

Applicants are required to register with the RTPs by **Wed, 17 Aug 2016**. Any registration after the deadline will **NOT** be entertained.

7 STRUCTURE OF EXAMINATION

The examination will be conducted based on a '**close-book**' format for all modules. Each paper will last for 2 hours and consists of 20 multiple-choice questions (40%) and 3 long questions (60%).

8 FINAL RESULTS AND NOTIFICATION

Examination results will be given to candidates on a Pass/Fail basis. No examination scores or marks will be given to the candidates. Results will be available within twelve weeks after the examination.

9 INFORMATION ON SCEM CERTIFICATION

Participants are reminded to retain the examination results slips which are required for SCEM certification. Candidates who meet the certification criteria may apply for SCEM Certification with the SCEM Registry.

For clarifications on SCEM certification, please contact the SCEM Registry at scem@iesnet.org.sg

Information on application for SCEM certification can be found at the IES website below.

http://www.ies.org.sg/pageview.php?page_id=361