Frequently Asked Questions (FAQ)

Practical Module for Singapore Certified Energy Manager (SCEM) Professional level

General

1. Is the practical module compulsory and why?

a) Yes, with effect from **1 March 2027**, the practical module will be a core module under the SCEM (Professional level) Curriculum for:

i. New candidates who enrolled in the SCEM course with Registered Training Providers (RTPs)[1]; and
ii. New independent candidates who registered for their first SCEM examination i.e. candidates who did not sign up with RTPs for the SCEM course but meet the requirements to take the SCEM examinations.

b) The hands-on training is designed to further enhance the quality and technical competency of energy professionals in Singapore. The module will equip candidates with the practical skills and technical competencies required to effectively manage and track energy usage through exposure to real industrial energy systems.

[1] *Institution of Engineers Singapore (IES) Academy , Sustainable Energy Association of Singapore (SEAS)*

2. Who conducts the practical module and where is it held?

The Energy Efficiency Technology Centre (EETC) of the Singapore Institute of Technology (SIT) conducts the training and assessment. It is held at EETC's training facility (E6-09-09) at SIT Punggol Campus, 1 Punggol Coast Road, Singapore 828608.

3. What are the industrial systems covered in the practical module?

The module covers 6 industrial systems as follows:

i. Compressed air systems (S1)
ii. Boiler and steam systems (S2)
iii. Fan and Motor-Driven systems (S3)
iv. Pump and piping systems (S4)
v. Electrical Measurement and Lighting Systems (S5)
vi. Airconditioning and Heat Pump systems (S6)

4. What is the duration of the practical module?

A candidate will require a total of 6 days to complete the practical module, with each industrial system being conducted over a 1-day session. The schedules for each industrial system will be released by EETC at a later date. The 6 days could be non-consecutive, depending on the training schedules.

5. What is the fee for the practical module? Will there be any subsidy provided?

a) The total fee for the practical module covering 6 industrial system is S$6,000 (excluding GST). The fee is S$1,000 (excluding GST) per industrial system, covers the training and assessment fee.

b) The practical module is currently pending funding support from Skills and Workforce Development Agency (SWDA). More details will be released by EETC at a later date.

6. I am currently enrolled in the SCEM Professional Level training. Do I need to register for the practical module?

No. Current SCEM candidates are not required to register for the practical module. However, they must pass all **4 core modules** and **2 elective modules** by **1 June 2030, or before the expiry of their SCEM exam result, whichever is earlier**.

Candidates who do not meet this requirement by that date will be required to take and pass the practical module, in addition to the 6 modules, to apply for SCEM certification.

7. I am an existing certified SCEM. Do I need to take the practical module and pass the assessment in order for my SCEM certification to be valid?

No, the practical module is not mandatory for existing SCEMs but they are encouraged to attend the module. See Section on "SCEM Certification" for more information.

Registration

1. How do I register for the practical module?

Registration is available directly with EETC. Registration link will be provided by EETC at a later date.

2. Is there any pre-requisite to register for the practical training module?

a) Yes, before registering for the practical module,

i. For candidates who have signed up with RTPs for the SCEM course, they must complete the courses for **all** related core SCEM modules for the respective industrial systems; and
ii. For independent candidates who take the SCEM examination directly without going through the SCEM course offered by RTPs, they must pass the SCEM examinations for **all** related core SCEM modules for the respective industrial systems.

b) The pre-requisite required for each industrial system is listed in the table below.

Industrial systems	**Related core modules**
Compressed air systems (S1)	1. Energy Measurement & Audit (EMA); 2. Energy Management & Economics (EME)
Boiler and steam systems (S2)	

Electrical Measurement and Lighting Systems (S5)	
Fan and Motor-Driven systems (S3)	1. Energy Measurement & Audit (EMA); 2. Energy Management & Economics (EME); 3. Motor Driven Systems (MDS)
Pump and piping systems (S4)	
Airconditioning and Heat Pump systems (S6)	1. Energy Measurement & Audit (EMA); 2. Energy Management & Economics (EME); 3. Air-Conditioning and Mechanical Ventilation (ACMV) Systems

Training and assessment

1. What is the frequency of the training offered by EETC?

The details will be released by EETC at a later date.

2. How will the training and assessment be conducted ?

All training and assessment will be conducted in-person at EETC's training facility (E6-09-09) at SIT Punggol Campus, 1 Punggol Coast Road, Singapore 828608.

3. Is it compulsory to take the assessment?

Yes, candidates must take and pass the assessment which comprises both individual and group assessment.

4. Am I allowed to retake the assessment if I fail?

Yes. Candidates may take re-assessment for the industrial system(s) which they failed. The fee for re-assessment is S$600 (excluding GST) per industrial system.

5. When will the group and individual assessment be conducted?

Both the individual and group assessment will be conducted on the same day as the training session for the respective industrial system.

6. Can I take the practical assessment without attending the training?

Yes. independent candidates with at least of 3 years of practical experience in the respective industrial systems, may apply to take the assessment only and provide relevant supporting documentation. EETC will evaluate the applications and inform applicants on their eligibility to take the assessment only for the particular industrial system that their experience is relevant to.

7. What is the fee for assessment only if I do not have to take the practical training?

The assessment fee will be S$600 (excluding GST) per industrial system.

SCEM Certification

1. Do I need to pass my practical module to be certified as a SCEM?

a) Yes, with effect from **1 March 2027**, new candidates will be required to pass 6 theory module examinations (4 core and 2 elective modules) and the practical module assessment within 4 years. The 4-year period will commence from the start of the examination run (1 February or 1 August) in which the candidate attempts their first SCEM theory paper.

As illustration, if a candidate attempts his/her first SCEM theory paper at the 37th SCEM exams (August 2027), the 4-year period commences on 1 August 2027 and the deadline to pass all 6 theory module examinations and practical module assessment will be 31 July 2031.

Similarly, if a candidate attempts his/her first SCEM theory paper at the 38th SCEM exams (February 2028), the 4-year period commences on 1 February 2028 and the deadline to pass all 6 theory module examinations and practical module assessment will be 31 January 2032.

Candidates are responsible for tracking their progress towards SCEM certification.

b) Candidates who meet the certification criteria may apply for SCEM certification with the SCEM Registry administered by the Institution of Engineers Singapore. A certificate of registration which is valid for one year, will be issued to successful applicants.

2. Is the practical module required for SCEM certification renewal?

No. There is no change to the renewal criteria i.e SCEMs who have attained at least 16 Professional Development Units (PDUs) per year may renew their SCEM certification with SCEM registry.

Enquiries

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