

EMF Credits – Singapore

1. Does a compulsory licence regime(s) exist? If so describe its operation. E.g. must be licensed to practise engineering and sign off engineering work.

Compulsory licence regime exists by virtue of the Professional Engineers Act which is administered by the Professional Engineers Board. However, this only applies to professional engineering works in the building and construction industry in the prescribed branches of engineering of civil, electrical and mechanical engineering, that is, only registered persons are allowed to sign off construction-related works involving civil, electrical and mechanical engineering works which are regulated.

The licensing regime includes regulating the use of PE title and privileges of independent practice.

2. Does a voluntary registration regime(s) exist? If so, describe its operation, and the activities that can only be performed by registered person, e.g. only registered persons allowed to sign off construction-related work and devices inspected under occupational safety and health regulations.

Other than the prescribed branches of engineering (namely, civil, electrical and mechanical engineering), voluntary registration with the Institution of Engineers Singapore may exist depending on need or demand.

3. Describe the credit that will be given to any person registered on any section of the IRPE without the need to form any further agreements beyond the EMF (i.e. without bilaterals). E.g.

- a. Credit for holding a suitable qualification

Individuals holding an engineering degree that meets the requirements of the Professional Engineers (Approved Qualifications) Notification will be deemed to have met the academic qualification requirement for registration.

(Note: The Professional Engineers Board, who is responsible for updating the Notification, has informed that it is drafting amendments to the Notification to include all Washington Accord accredited programs. We expected this to be ready within the next couple of months.)

- b. Credit for 7 years' experience

Credit for relevant practical experience that is obtained elsewhere will be considered.

- c. Credit for 2 years' responsible charge

Credit can be included as in (b) above.

- d. Credit for demonstrating competence to the agreed international standard (other than local knowledge)

Credit can be included as in (b) above.

- e. Credit for sufficient recent CPD (last 5 years)

Credit for CPD that is obtained elsewhere will be considered.

4. Describe the extra credit that may be achieved beyond that described in 3 through the formation of a bilateral agreement. This credit is only available to registrants on the section of the IRPE to which the specific bilateral applies

As credit will be considered for practical experience and CPD that are obtained elsewhere, extra credit may not be necessary.

5. Describe the assessment or other conditions that all registrants, irrespective of which IRPE section they are on, would have to meet prior to registration/licensing, e.g.
 - a. Residency requirements for a period of time

There is no residency requirement to obtain registration. However, a licensed professional engineer should have an address in Singapore at which he can be contacted or sent any document using his particulars in the register. And if he is responsible for supervision or inspection of implementation of engineering works in Singapore, he is expected to be in Singapore during the duration of the works.

- b. Local employment for a period of time

Nil.

- c. Demonstration of local knowledge through an assessment

Applicants are expected to have knowledge of local practice (in areas such as standards, code of practice, rules and regulations, code of conduct & ethics). This is verified by means of an examination and professional interview.

- d. Demonstration of competence recently

An examination and professional interview will be carried out to verify demonstration of competence. All licensed PE are to fulfil the prescribed CPD requirements before an annual practicing certificate is issued.

6. Describe assessment areas in which assessment may be required, at discretion of registering authority. E.g.

- a. Communication skills

Applicants attending the professional interview will need to demonstrate ability to communicate with interviewers.

- b. Language capability

The official language is in English.

7. Describe any benefits that IRPE registrants might receive in addition (but separate) to registration/licensing benefits. E.g.

- a. Ease of entry to membership of a learned society.

Membership in the learned society in Singapore, namely The Institution of Engineers Singapore is dependent mainly on academic qualifications; hence, IRPE registrants would have ease of entry to membership.

8. Where the jurisdiction is an APEC member, what differences to the above list, if any, apply to APEC Engineers?

There is no difference in application of requirements between those on the APEC Engineer Register and the EMF International Register of Professional Engineers.