

EMF Credits – Korea

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.**

Our nation's regimes are divided into two domains of technology and skill. One is Industrial Engineer, Engineer, Professional Engineers and the other is Craftsman, Master Craftsman. Each one is licensed under the process of written test, experience review, and interview (in case of Professional Engineers and Master Craftsman) according to National Technical Qualifications Act. And a pocketbook is offered to the one who passes the exams.

According to Professional Engineers Act, the designs or reports (designs and etc) should be signed off by professional engineers. And according to Engineering Technology Promotion Act, engineering work of proprietor of engineering activities should be signed off by engineers in charge of it.

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.**

It is registered and reported in accordance with legislation of each field. If he or she fills out registration form and submit it to jurisdiction with proper documentations, a registration certificate is handed over by chief of jurisdiction.

1) Register of the Professional Engineer Office: Professional Engineer Act

2) Report of Proprietor of Engineering Activities: Professional Technology Promotion Act

3) Register of Information and Communication Work Business: Information and Communication Work Business Act

4) Design of Electric Facilities and Register of Supervision Business: Electric Technology Management Act

5) Design of Fire Facilities and Register of Supervision Business: Fire Arrangement Work Business Act

6) Register of Construction Work: Framework Act on the Construction Industry

7) Register of Responsible Supervision Business: Construction Technology Management Act

And there are lots of legislations in relation to them.

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
- b. Credit for 7 years' experience
- c. Credit for 2 years' responsible charge
- d. Credit for demonstrating competence to the agreed international standard (other than local knowledge)
- e. Credit for sufficient recent CPD (last 5 years)

At the moment, there is no credit. The related system is being improved for mutual validation between nations of EMF Professional Engineers such as arrangement of legislation.

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.**

There is no specific credit. It could be agreed mutually.

EMF Credits – Korea

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
- b. Local employment for a period of time
- c. Demonstration of local knowledge through an assessment
- d. Demonstration of competence recently

All Registrants have to pass the exams and they have to meet one of the following conditions to apply for the exams

- Over 7-year work experiences after graduation of 4-year university (of science or engineering)

- Over 4-year work experiences after licensing Engineer

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

- a. Communication skills
- b. Language capability

No specific requirement.

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.

There are no benefits, but the related legislation is expected to be studied.

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

The above list is applied to an APEC member as well as an EMF member.

Reference

National Technical Qualifications Act

Professional Engineers Act

Engineering Technology Promotion Act

Information and Communication Work Business Act

Electric Technology Management Act

Fire Arrangement Work Business Act

Framework Act on the Construction Industry

Construction Technology Management Act