

EMF Credits – South Africa

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.

A compulsory licence system will come about at some date in the future underpinned by national law. At present certain functions may only be carried out by a registered person.

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.

Yes. Rational designs in terms of the NBR and various OHS issues require a registered person. Dams with a safety risk require an approved registered person.

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 a university engineering degree covered by the Washington Accord and those who have a foreign degree recognised by ECSA will be given a credit.

- b. Credit for 7 years' experience

Yes

- c. Credit for 2 years' responsible charge

Yes

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

Yes

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

Yes

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.

Not applicable.

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

None

- b. Local employment for a period of time

None

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c. Demonstration of local knowledge through an assessment

Interview to determine knowledge of SA Codes of Practice and other applicable laws, codes of conduct etc.

d. Demonstration of competence recently

Two Referee reports.

All IRPEs would need to apply for registration with ECSA.

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

a. Communication skills

Yes

b. Language capability

Yes

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 of learned societies in SA may be dependent on engineering registration: it depends on the learned society concerned.

ECSA gives a partial exemption for annual fees to registered persons who are members of a recognised voluntary association, e. g. an Institution. ECSA will recognise the IRPE's home learned society for purposes of the same exemption.

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

Not applicable.