

CPD

Brunei

PUJA (B) requires all members to have at least 20 hours of CPD every year. There is no requirement for Engineer Division of PUJA to apply to main council for attending CPD or CAFEO. ED only requires to report to PUJA Council for information purpose.

Singapore

In Singapore context, IES will have to apply to PE Board for their members attending the conferences etc eg attending CAFEO once IES has the programme. Hence the organiser of the event eg CAFEO organiser would not need to do the application. Currently IES membership does not require CPD points for renewal, so no application required.

Malaysia

A policy on Continuing Professional Development (CPD) to further enhance professionalism among the professional engineers was implemented since 2003. Continuing Professional Development is defined as systematic maintenance, improvement and broadening of knowledge and skill and development of personal qualities for execution of professional and technical duties throughout the engineers' working life.

The objective of CPD for Professional Engineer is the maintenance of technical knowledge and skill (i.e. competency) to do a job. At the same time it requires all engineers to stay abreast of new engineering development in their field and changes in codes and regulations. The CPD's requirement is for professional engineers to upkeep with knowledge of the field in which the professional engineer is engaged in. This is in line with a global trend requiring engineers to equip themselves with the latest developments in their engineering field of specialisation

IEM has been appointed as a designated Certified Body (CB) to implement and administer the BEM's Policy on CDP for the Registered Engineers in the country. IEM will evaluate the training programmes for in-house activities and as well assessing the submission of the training providers (external). Apart from assessing the submission of the training programmes, the Institution also conducted audits on the selected programmes for verifying conformity.

Myanmar Engineering Council

Demanding of Engineering Continuous Professional Development (CPD)

Recognition related procedures in Myanmar

1. This is a system that PE / R.S.E must follow and carry out in the (CPD) Continuing Professional Development System.

2. CPD hour can be obtained from the sectors described below.
 - (a) Formal Education and Training Activities
 - (b) Informal Learning Activities - on job learning
 - (c) Informal Learning Activities - private study
 - (d) Conference and Meeting
 - (e) Presentation and Papers
 - (f) Service Activities
 - (g) Industry Involvement (for academician)
3. The performance within the last (3) years of the signing and submitting time can be reported in the calculation of the above CPD from the above recognized.
4. If described in exaggeration,
 - 2(a) The formal education and training activities are recognized and marked for learning in the schools and universities. The learning time must be described with hour or term. The evidence must be submitted. The benefits can be taken without limitation of hours.
 - 2(b) The informal learning activities - on job learning comprises for learning in the work places. The learning term and hours must be described with the evidence. Just most (20) hours can be benefited with limitation.
 - 2(c) The informal learning activities - private study is a reading and learning of a book or journal or magazine relating to the engineering subjects. The books, subjects and time that are read must be described. It is better if the evidence is submitted. Just most (10) hours can be benefited with limitation a year.
 - 2(d) The conference and meeting is a giving the marks for attending of the engineering related conferences, workshops, seminars and meetings. The evidence must be attached if the attended contents, term and hours are described fully. The benefits can be taken without limitation.
- 2(e) Presentation and papers include in the public presentation for reading and submitting of engineering related papers. The marks are given on one paper. The title of paper is needed to be described and the evidence must be attached. Just most (30) hours can be benefited. It does not include in the project presentations made in the departments for own business as it is a public presentation.
- 2(f) The service activities comprise in the subjects related associations and benevolent works, and writing of the engineering related articles. Just most (30) hours can be benefited.

2(g) The industry involvement (for academician) is for the practically involvement of the engineers (teachers) working in the engineering education sector in the outside engineering works. Carrying out in the examination matters in the engineering council and engineers association comprise in. Just most (30) hours can be benefited.

5. If CPD did not include in the matters that described the evidence in detail but CPD is giving the marks and recognition to an engineer, the CPD committee will consider and decide in the extraordinary proposal.

6. The proposer is needed to describe the proposals fully as above. The proposer can feel suffered as it has difficulty to scrutinize the proposals if not perfect.

7. (1) mark per hour is fixed normally in the calculation of CPD marks.

8. The requirement of CPD hours is fixed due to the time length of services.

(a)	20 years and its above	20 hours
(b)	15- 19 years	25 hours
(c)	8 years and 14 years	30 hours

Indonesia

The general term in PKB scoring is that each activity is only scored once. If the activity is eligible for two criteria or more, then the activity with a higher score will be used in PKB.

An exemption is activity item 1.5.3. (As recipient of honours or award, etc.), which can be given additional score i.e. for the activities in achieving the honour / award.

If the required enclosed documents are not complete, then the related activities cannot be scored.

All the standard CPD activities are scored based on 3 (three) categories designated by A, B, and C, as provided in the left columns of PKB Form. The scores for each of them are based on:

A. *Relevancy with the field of profession selected on his/her Professional Engineer Certificate (stated as score A)*

The score is a number between 0 and 1, with:

Not in accordance, scored = 0, except for Professional Association Governing Board Member

In accordance, scored = 1

If *relevancy* with profession is already included in PKB scoring, then A = 1.

B. Scoring of each activity that is recognized by PKB program, based on PII CPD Activity Standard.

Scoring is in accordance with the standards defined on the articles of this Scoring Guideline Chapter 1 (Score is stated as score B)

C. Score C = 1, except for: Presentation and Papers Activities (see Article 1.4), in which C = score of writer specifically for

- Internal Technical Report
- Presentation at Technical Meetings
- Profession Meeting Paper and Magazine Article or Magazine Articles

Results of A, B and C scores are used to acquire the Final CPD score. The filling of CPD forms and its evaluation is to be conducted on a per year basis. For each year, the evaluation is to be done through the following process:

1. *Determining each activity score*

$$\text{Score per-Activity} = A \times B \times C \text{ (rounded up)}$$

2. *Determining each activity category sub totals, which may consist of several activities in the same activity category*

Sub Total Score of all Activities on that particular activity type

3. *Determining the total CPD score, which is*

$$\text{The Total Score} = \text{Total of all types of activities}$$