

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

Presented by:

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**Boulevard Grand Ballroom,
Imperial Hotel, Kuching**

Outline of Presentation

BEM Circular No. 002

Continuing Professional Development (CPD) Requirements

Types of CPD Activity

CPD Hours Requirement

BEM Circular No. 002 (Rev No. : 1) CPD Requirements

CPD Programme:

- *The cumulative CPD Activities over a calendar year which contribute towards the Continuing Professional Development of a Registered Professional Engineer with Practising Certificates (PEPC), a Registered Professional Engineers (PE) or a Registered Inspectors of Works (IOW).*
- *Such a contribution would be reflected by the CPD Hours collected by the said PEPC, PE or IOW.*

BEM Circular No. 002 (Rev No. : 1) CPD Requirements

CPD Activities:

- *Engineering or related activities, not within the job scope of a Registered PEPC, PE or IOW while being employed or professionally engaged, such that these activities directly contribute to the competence of the said PEPC, PE or IOW.*

BEM Circular No. 002 (Rev No. : 1) CPD Requirements

CPD Hour:

- One (1) hour of involvement in a CPD Activity undertaken by a Registered PEPC, PE or IOW. Under all circumstances the BEM has the final discretion in determining the actual CPD Hour to be accorded to a CPD Activity.

BEM Circular No. 002 (Rev No. : 1) CPD Requirements

5 types of CPD Activity:

- | | | |
|----------------|---|---------------------------------------|
| Category 1 | : | Formal Education |
| Category 2(a) | : | On Job Learning |
| Category 2 (b) | : | Private Study |
| Category 3 | : | Conference and Technical Training |
| Category 4 | : | Presentation or Publication of Papers |
| Category 5 | : | Engineering Service Activities |

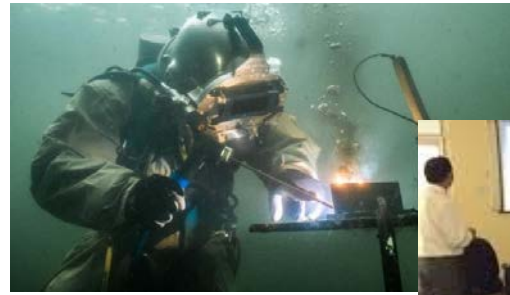
CATEGORY 1: FORMAL EDUCATION

- *Engineering or related studies leading to the award of a certificate, diploma, degree or higher degree with a formal assessment process and recognized by BEM or Malaysian Qualifications Agency (MQA).*
 - Formal education (full time, part time or long distance) i.e. postgraduate diploma, Master or PhD, professional/competency certificates
 - Test, exam, dissertation/thesis at the end of the education/training programmes.
 - Time claimed can actual hours of lectures and/or research undertaken



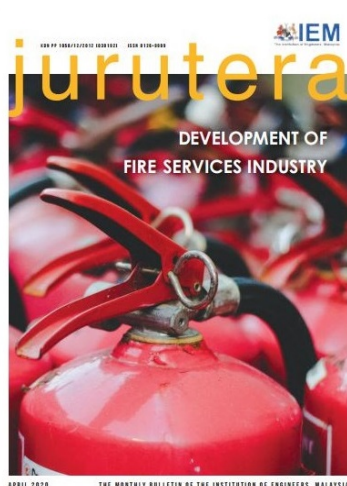
CATEGORY 2A: ON JOB LEARNING

- Engineering or related understudy and learning from a subject matter expert or equivalent, so as to be able to perform new engineering tasks.
 - On the job learning – workplace requirement e.g. AUTOCAD software, new machine, product briefing, etc.



CATEGORY 2B: PRIVATE STUDY

- Self-study of engineering or related reading materials with the aim of increasing knowledge, capability and competency.
 - Reading Books, journal, manual
 - Familiarisation with the operation of technological aids, computer programs, equipment etc.



CATEGORY 3: CONFERENCE & TECHNICAL TRAINING

- The attendance and participation of a Registered PEPC, PE or IOW in engineering conferences, seminars, workshop, forums and similar technical gatherings and trainings which provide the environment to gain insight and knowledge as well as be abreast with engineering development.
 - Attending seminars, conferences, symposiums, talks on engineering including cross-boundary disciplines seminar (non-engineering subjects are accepted as it is considered job-related purpose to enhance the competency of an engineer).
 - Inspection - Technical/site visit not in the normal course of duty as consultants/employees.



CATEGORY 4: PRESENTATION OR PUBLICATION OF PAPERS

- Presentation of research based or case study papers in engineering or related areas in a conference, seminar or similar activities.
 - Same paper but recycle with new update for other forum can be claimed.
 - Same paper but no update, reuse for other purpose, cannot claimed under CAT. 4, but can claimed under CAT.5.
- Publication of research based or case study papers in engineering or related areas in refereed journal.
 - Publication of research based or case study papers in engineering or related areas in peer-reviewed or refereed journal



CATEGORY 5: ENGINEERING SERVICES ACTIVITIES

- Engineering or related activities performed in the course of contributing to and promoting the engineering profession such as giving talks, serving on committees, participating in engineering programme accreditation, becoming a mentor to graduate engineers or intern inspectors of works, and serving as an industry adviser to an institution of learning.



- Service to the profession
- Member of Engineering Programmes accreditation panel
- Participation in CPD Audits
- Review of technical papers prior to publication
- Serving BEM, IEM Committees, Other Professional Institutions, national committees, technical societies
- Preparation of draft, papers, minutes of meeting related to engineering and national interest
- Arbitrators (unless your job is Arbitrator)
- Expert Witness (unless your job is Expert Witness)
- Teaching Program course at IPTA/IPTS (as long as it is voluntary job)
- Examiner for Professional Assessment Exams/Professional Interview
- Preparation of PTK Papers (voluntary basis; not salaried for)
- Conduct in-house training under voluntary basis
- Mentor (voluntary)
- Organising national conference (Voluntary)
- Organising field trips (voluntary)

CPD REQUIREMENTS

- To renew the annual/triennial Certificate of Registration:

PEPC

- Annual average of 50 CPD Hours for rolling three (3) consecutive years

PE

- Annual average of 25 CPD hours for rolling three (3) consecutive years

IOW

- 30 CPD hours for every three (3) years

CPD REQUIREMENTS - PEPC

Item 8.

- The weightage and the allowable maximum CPD Hours for each of the recognized CPD Activities stated in Para 7 are given in the table below:*

	CATEGORY OF CPD ACTIVITY	TIME WEIGHTED FACTOR	MAX CPD HOURS*
1	Formal Education	2	No limit
2 (a)	On Job Learning	1	Maximum 20
2 (a)	Private Study	0.5	Maximum 10
3	Conference and Technical Training	1	No limit
4	Presentation or Publication of Papers Note: 1 paper/presentation = 1 Hour	10	Maximum 30
5	Engineering Service Activities	1	Maximum 30

CPD REQUIREMENTS - PEPC

Item 11.

- *In the event that a Registered PEPC in his application for the renewal of the annual Certificate of Registration, fails to meet the required number of CPD Hours over three (3) consecutive rolling years shall be renewed at the sole discretion of the BEM*

CPD REQUIREMENTS - PE

Item 14.

The weightage and the allowable maximum CPD Hours for each of the recognized CPD Activities stated in Para 13 are given in the table below.

	CATEGORY OF CPD ACTIVITY	TIME WEIGHTED FACTOR	MAX CPD HOURS*
1	Formal Education	2	No limit
2 (a)	On Job Learning	1	Maximum 10
2 (a)	Private Study	0.5	Maximum 5
3	Conference and Technical Training	1	No limit
4	Presentation or Publication of Papers Note: 1 paper/presentation = 1 Hour	10	Maximum 20
5	Engineering Service Activities	1	Maximum 15

CPD REQUIREMENTS - PE

Item 17.

- In the event that a Registered PE in his application for the renewal of the annual Certificate of Registration, fails to meet the required number of CPD Hours over three (3) consecutive rolling years shall be renewed at the sole discretion of the BEM.*

CPD REQUIREMENTS - IOW

Item 20.

- The weightage and the allowable maximum CPD Hours for each of the recognized CPD Activities stated in Para 19 are given in the table below.*

	CATEGORY OF CPD ACTIVITY	TIME WEIGHTED FACTOR	MAX CPD HOURS*
1	Formal Education	2	No limit
2 (a)	On Job Learning	1	Maximum 10
2 (a)	Private Study	0.5	Maximum 5
3	Conference and Technical Training	1	No limit
4	Presentation or Publication of Papers Note: 1 paper/presentation = 1 Hour	10	Maximum 20
5	Engineering Service Activities	1	Maximum 15

CPD REQUIREMENTS - IOW

Item 23.

- *At the sole discretion of the BEM, a Registered IOW who in his/her application for the renewal of the triennial Certificate of Registration, has failed to submit to the BEM a CPD Programme with the required minimum of 30 CPD Hours, may be allowed to continue to be registered subject to strict remedial actions as follows failing which may cause the refusal by the BEM of the said application for renewal:*
 - a) *His/her having already obtained at least 15 CPD Hours at the point of making the application;*
 - b) *Having obtained at least 15 CPD Hours in the first year of being allowed to continue to be registered;*
 - c) *Having obtained a minimum of 45 CPD Hours (inclusive of the 15 CPD Hours mentioned in item b. above) when the next application of renewal of registration is submitted to the BEM.*

CPD requirements - Update

BEM had conducted an audit of CPD Report Year 2022 with the following observations from 240 PEPC, 165 PE, and 45 IOW

Some Observations	PEPC	PE	IOW
	%	%	%
Declare in Wrong Category	17.5%	12.1%	0.0%
Declare Part of Work as CPD Activity	9.2%	7.9%	13.3%
Overclaimed / Excessive CPD	5.8%	3.6%	60.0%
Not Claim under Category 2b (Private Study)	40.8%	62.4%	60.0%

CPD requirements - Update

The Board approved that PE, PEPC and IOW, who are of age 65 and above to fulfill half (1/2) of the CPD Requirement with CPD hours.

Registration Category	CPD Hours Requirement	
	Age 65 and below (no change)	Age 65 and above (New policy)
PE	Annual average of 25 CPD Hours over 3 rolling consecutive years	Annual average of 13 CPD Hours over 3 rolling consecutive years
PEPC	Annual average of 50 CPD Hours over 3 rolling consecutive years	Annual average of 25 CPD Hours over 3 rolling consecutive years
IOW	Annual average of 30 CPD Hours triennially over 3 years	Annual average of 15 CPD Hours triennially over 3 years



Q & A

THANK YOU



"Committed To Engineering Excellence"

BOARD OF ENGINEERS MALAYSIA

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