

**Follow-ups and Draft Agenda of ACPECC 37, Singapore, 23/05/2018:
(Contributions by Ir. Rocky H.T. Wong, FIEM, done 05/05/2018)**

(A) ACPE Registration:

Reference to third bullet-point on: “AMS to submit the list of definition/scope of each category of engineers”.

- Malaysia’s PRA on Engineering Services; the “Board of Engineers, Malaysia” (BEM), since its latest amendments to “Registration of Engineers Act – 1967” (REA ’67) that came into force 31 July 2015, have established 2 categories of “professional engineers”, on top of its existing category of “registered graduate engineer (GE)”. [A GE is one who has a (WA centric) recognised qualification in any of the fields of engineering].
- In essence, the BEM has 3 categories of “registered” natural person (np) engineers, viz. (a) Graduate Engineer (GE), (b) Professional Engineer (PE) [who was a GE who has passed BEM Professional Assessment Examination (PAE) after his/her Professional Development Period (PDP) of minimum 3 years from date of registration with BEM], and (c) Professional Engineer with Practice Certificate i.e. PEPC. This new category of a PE is one who wishes to be engaged in an Engineering Consultancy Practice (ECP) in the traditional building industry and be a “Submitting Person” (SP) [as defined by the “Road, Drainage and Building Act – 1974” and its companion “Uniform Building By Laws – 1984” (UBBL)] for the purpose of *engineering practice* conforming to prescribed requirements of Malaysia’s CCC (i.e. Completion & Compliance Certification) due process that came into being in 2007.
- Said CCC due process only recognises 3 types of np engineers who are: Civil, Mechanical, and Electrical Engineers. To be a PEPC, a PE with any of the 3 “recognised” engineering disciplines will have to sit for and pass the BEM “Professional Competence Examination” (PCE).
- A BEM registered GE can *practise engineering*, but under supervision – as a part of his/her development & formation for professional status. Both PE and PEPC are registered professional engineers licensed *to practise engineering on an “independent” basis* - are qualified to cross border under MRA terms & conditions. A registered PEPC (operating an ECP ~ a BEM registered body-corporate) is recognised by Malaysia’s CCC due process as a SP who has proven his/her competence in satisfying prescribed requirements of the UBBL for the Malaysian Building Industry, and is therefore a domestic issue.
- Registration with BEM is free of citizenship requirement since 31/07/2015.
- “Main & Sub-set Branches for BEM Registration” are in attached Appendix.

Main and Sub-Set Branches for BEM Registration

*Main and Sub-Sets Branches for BEM Registration as per March 2016.
(BEM may review this classifications from time to time – refer to BEM's website for the latest updates)*

Civil	Mechanical	Electrical	Chemical
1. Building	1. Aeronautical	1. Computer	1. Bio-Chemical
2. Construction	2. Agricultural	2. Electronics	2. Bio-Engineering Technology
3. Environmental	3. Automotive	3. Telecom- munication	3. Energy (Fuel, Natural Gas)
4. Geotechnical	4. Building Services		4. Environmental
5. Highway	5. Manufacturing		5. Petroleum
6. Hydraulic	6. Marine		6. Process (Polymer, Textile, Pharmaceutical, Food)
7. Mining	7. Material		
8. Municipal	8. Mechatronic		
9. Structure	9. Metallurgy		
10. Transport	10. Mining		
11. Water Resources	11. Naval Architecture		
	12. Nuclear		