

## **Criteria and Procedures for candidates with engineering academic qualifications which are not accredited engineering degrees for Professional Assessment**

(Candidates must read this leaflet in conjunction with M3 Routes to Membership)

### **1. Introduction**

Candidates with engineering academic qualifications which are not accredited engineering degrees with top-up experience over the requirements of general experience route would be allowed to take professional assessment upon meeting certain conditions and requirements.

### **2. Criteria**

- (i) An applicant must possess a first degree in engineering; and
- (ii) The curriculum of the engineering degree concerned must match with the requirements of a corresponding Discipline, i.e. 60% of the curriculum are engineering subjects relevant to that Discipline; and
- (iii) The applicant must possess 8 years post-degree experience relevant\* to the applying Discipline, including demonstration of the following key elements.

#### **(a) Design / Operations / Maintenance**

The applicant should have worked as part of a project team on substantial project tasks that must include system design / operations / maintenance elements for real-life applications, e.g. industrial / commercial companies, academia or government etc.

#### **(b) Technical Broadening**

Good understanding and fair judgment on issues related to the aspects of risk assessment, system reliability and scalability, information security and data privacy, health and safety, and energy and environment conservation, etc. in the projects involved.

#### **(c) Non-technical Broadening**

Good understanding on professional, managerial, legal and ethical issues.

### **3. Procedure**

- (i) An applicant should submit the HKIE form for Application for the Class of Member or Additional Discipline (Form 1/MD), accompanying by the following documents:
  - Certified true copy of transcript of Degree
  - Experience report elaborating the following elements:
    - (a) Design / Operations / Maintenance
    - (b) Technical broadening
    - (c) Non-technical broadening
  - Continuing Professional Development (CPD) Record

- (ii) Initial checking would be conducted by the Secretariat on the applications. All completed applications would be submitted by the Secretariat to the respective Discipline Advisory Panels for assessment.
- (iii) The respective Discipline Advisory Panels would assess and make recommendations on whether the degree(s) possessed by the applicant could match with the requirements of the Discipline.
- (iv) Following (iii), the respective Discipline Advisory Panels would assess and make recommendations on whether the applicant satisfies the experience requirements.
- (v) An applicant who satisfies the academic and experience requirements as stated in Section 2 would be allowed to take professional assessment.
- (vi) The professional assessment would be conducted in accordance with the requirements stated in M3 – Routes to Membership.

\* *The 8 years post-degree experience relevant to applying Discipline must satisfy the experience requirements of that Discipline pursuant to the Routes to Corporate Membership, M3.*