

## Admission Requirements for Members in Energy Discipline

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

Candidates applying the class of Member in Energy Discipline of the HKIE are required to satisfy the following:

### 1. Academic Requirements

One of the following academic requirements for Member in Energy Discipline:

- (i) A first engineering degree (Honours) accredited by the Institution relevant to Energy Discipline
- (ii) An accredited first engineering degree as listed in the Washington Accord relevant to Energy Discipline and maintained by the Institution
- (iii) Other acceptable qualifications, such as passes in relevant subjects of Engineering Council (UK) part II Examinations up to and including year 2001 or passes in relevant subjects in the Engineering Council Postgraduate Diploma in and after year 2002 up to and including 2012
- (iv) Other non-recognised Honours engineering degree level qualifications may be considered for the class of Member based on an individual assessment. Candidates are required to complete Form 1/AQ. Please refer to section 2 of “M3 Routes to Membership” for details

### 2. Training & Experience

#### Scope of Experience

Energy Engineering is a multidisciplinary in nature. The scope of experience shall include the knowledge and application of the science and practice of energy engineering covering the production, conversion, transmission, storage and utilization of energy in various forms. The applicant should have a broad based experience and responsibility in one or more of the following fields as well as a good understanding of other related aspects.

- Energy system/plant/equipment design, manufacture and supply
- Installation, commissioning, operation and maintenance of energy-related infrastructure
- Energy performance assessment of built environment
- Energy/Carbon audit and management
- Energy policy, security and safety
- Education and training in Energy Engineering
- Research and development of new, alternative energy options for sustainable development

## Routes of Gaining Experience

### (i) Formal Training Route

2 years' training in Energy Engineering

Applicants having completed the formal training (Scheme "A" Training) and acquired adequate responsible experience to manage engineering activities and can demonstrate their experience compliance with the HKIE Competence Standards, should be allowed to sit for Professional Assessment. In general, it would take no less than three years after graduation to satisfy these.

### (ii) General Experience Route

Candidates who have not undertaken pre-approved training will be required to have had a minimum of six years' relevant work experience in Energy Engineering.

Candidates who satisfy the above requirements will be accepted for Professional Assessment.

## 3. Professional Assessment (Please refer to Section 5 of M3 Routes to Membership for details)

All candidates are expected to deliver the following documentation together with their applications:

- (i) Training & Experience Report
- (ii) Drawings and Documents
- (iii) Logbooks (if Scheme "A")
- (iv) Continuing Professional Development (CPD) Record

All documents should be the candidate's own work and documents must be verified by a Corporate Member of the Institution or the employer.

All documents submitted will be treated as confidential and will be returned to the candidate after assessment. Candidates should however retain copies of all documents submitted as the Institution does not accept responsibility for any documents lost or damaged.

All candidates are required to take professional assessment (including an interview and essay/technical write-up<sup>1</sup>).

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<sup>1</sup> Please refer to Form 1/MD Instructions to Applicants Section 4 Scheme of Adopting Results of Language Tests in lieu of essay/technical write-up for HKIE Membership Admission