

ECD 2.0 Logbook

Particulars of Mentor and Mentee

Particulars of Graduate Engineer under Training

Name of Candidate: _____

Identity Card Number: _____

Date of Birth: _____ Nationality: _____

BEM Graduate Registration No: _____ Date: _____

IEM Membership No: _____ Date: _____

Discipline of Engineering: _____

Address: _____

Telephone No. _____ (Off) _____ (Hse/HP)

E-mail: _____

Degree Awarded: _____ Year of Graduation: _____

Colleges / Universities attended (with dates) after SPM / STPM

1. _____
2. _____
3. _____
4. _____

Industrial training / experiences during undergraduate course

Employment		Employer	Designation	Key Role and Responsibilities
From	To			

Particulars of Mentor:

Name: _____ IEM M'ship, Grade & No: _____

Name and Address of Company/Organisation: _____

_____ Tel No: (0) _____

Present Designation: _____

Engineering Discipline: _____ Year elected as IEM Corporate Member: _____

Brief particulars of working experience:

Particulars of Mentor (if there is a change):

Name: _____ IEM M'ship, Grade & No: _____

Name and Address of Company/Organisation: _____

_____ Tel No: (0) _____

Present Designation: _____

Engineering Discipline: _____ Year elected as IEM Corporate Member: _____

Brief particulars of working experience:

Section I

Records of

Competencies Attained

(Preparation for Portfolio of Evidence Report)

COMPETENCY CATEGORY A (Detailed)

A	Use a combination of general and specialist engineering knowledge and understanding as a basis for optimising the application of existing and emerging technology.
A1	Maintain and extend personal knowledge, understanding and technical skills in own and allied fields of specialisation.
A2	Learn and broaden personal knowledge and experience in the technology, products or services related to own specialisation, preferably with a view to improvement.
A3	Comprehend and apply knowledge and understanding of the relevant engineering codes, standards, specifications, applications, especially those appropriate to local context, requirements, and application.

Evidence of your competence in Category A	Element	Date Obtained

COMPETENCY CATEGORY B (Detailed)

B	Apply appropriate theoretical and practical methods to the analysis and solution of engineering problems.
B1	Identify projects and/or opportunities/problems.
B2	Conduct appropriate research and undertake design and development of engineering solutions.
B3	Implement design solutions and evaluate their effectiveness.

Evidence of your competence in Category B	Element	Date Obtained

COMPETENCY CATEGORY C (Detailed)

C	Provide technical and commercial management.
C1	Plan for effective project / job task implementation.
C2	Plan, budget, organise, direct and control tasks, people and resources.
C3	Lead teams and develop staff to meet changing technical and/or managerial needs.
C4	Bring about continuous improvement through quality management.

Evidence of your competence in Category C	Element	Date Obtained

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COMPETENCY CATEGORY D (Detailed)

D	Demonstrate effective interpersonal skills
D1	Communicate in National or English Language with others at all levels.
D2	Present and discuss proposals.
D3	Demonstrate personal and social skills.

Evidence of your competence in Category D	Element	Date Obtained

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COMPETENCY CATEGORY E (Detailed)

E	Demonstrate a personal commitment to professional standards, recognizing obligations to society, the profession and the environment.
E1	Comply with relevant codes of conduct.
E2	Manage and apply safe systems of work.
E3	Undertake engineering activities in a way that contributes to sustainable development.
E4	Carry out and record continuing professional development (CPD) necessary to maintain and enhance competence in own area of practice.
E5	Understand the legal matters pertaining to engineering profession.

Evidence of your competence in Category E	Element	Date Obtained

PRACTICAL TRAINING & EXPERIENCE RECORDS SUMMARY

Quarterly Summary of Competencies Obtained

From - To (Month & Year)	Position Held / Name of Employer	Brief description of Duties (Full details to be documented in Section C)	Area of Experience (Design, Site, Management Teaching, Research)	Competency Elements Gained

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COMMENTS OF MENTOR

PRACTICAL TRAINING & EXPERIENCE RECORDS SUMMARY

Annual Summary of Competencies Obtained

Category	Element	Brief Evidences	Mentor's Comments	Date
A Engineering Knowledge Application	A1			
	A2			
	A3			
B Problem Solving	B1			
	B2			
	B3			
C Management	C1			
	C2			
	C3			
	C4			
D Interpersonal Skill	D1			
	D2			
	D3			
E Professional Ethics	E1			
	E2			
	E3			
	E4			
	E5			

Mentor recommendations:

Year 1/2/3 Recommendation:

Support for PI

Require more exposure

Date

Name of Mentor:

Discipline:

IEM Membership No.:

Signature & PE Stamp of Mentor:

Section II

Practical Training Records

(Preparation for Technical Annex)

PRACTICAL TRAINING RECORD – 3-MONTH PERIOD

Name of Candidate: _____

Effective from: _____ To: _____

Brief description of practical training experience

Details of project(s) participated

Types of skills / competencies obtained:

Name of Mentor: _____ Discipline: _____

IEM Membership No.: _____

Signature & PE Stamp of Mentor:

Appendix

Professional Career

Development Activities

(Courses and Training Attended)

COURSES AND TRAINING ATTENDED

Name of Candidate: _____

DATE(S)	COURSE/TRAINING DESCRIPTION	COURSE/TRAINING INSTITUTION	CERTIFICATION
