Bangladesh Professional Engineers Registration Board

Institution of Engineers, Bangladesh (IEB)

APPLICANT'S MANUAL

for Professional Engineer (PEng) and IntPE Application

Version 4.1 — March 2026

Web: bperb.net | Email: registrar@bperb.net

Glossary of Terms

Sl.	Abbreviation	Full Form
1	**BAETE**	Board of Accreditation of Engineering and Technical Education
2	**BAU**	Bangladesh Agricultural University
3	**BPERB**	Bangladesh Professional Engineers Registration Board
4	**BNBC**	Bangladesh National Building Code
5	**BUET**	Bangladesh University of Engineering and Technology
6	**CPCS**	Core Professional Competence Standards
7	**CPD**	Continuing Professional Development
8	**CSE**	Computer Science and Engineering
9	**CUET**	Chittagong University of Engineering and Technology
10	**DUET**	Dhaka University of Engineering and Technology
11	**ECs**	Engineering Competencies
12	**EEE**	Electrical and Electronic Engineering
13	**GAPC**	Graduate Attributes and Professional Competency
14	**IEA**	International Engineering Alliance
15	**IEB**	Institution of Engineers, Bangladesh
16	**IntPE**	International Professional Engineer
17	**IPEA**	International Professional Engineers Agreement
18	**KUET**	Khulna University of Engineering and Technology
19	**PEng**	Professional Engineer
20	**RAJUK**	Rajdhani Unnayan Kartipakkha
21	**RE**	Registered Engineer
22	**RUET**	Rajshahi University of Engineering and Technology
23	**TEU**	Textile Engineering University

Table of Contents

1.0 Introduction

Engineering education in Bangladesh has evolved significantly over recent decades, playing a critical role in the nation's economic and infrastructural development. This manual guides practicing engineers through the process of obtaining licenses and recognition from IEB-BPERB, which complies with the International Professional Engineers Agreement (IPEA) and the International Engineering Alliance (IEA). IEB-BPERB focuses on competence, compliance, and continual improvement in alignment with GAPC Version 4. BPERB is currently a provisional member of IPEA and is working towards full authorized membership (see Section 2.3 for details).

BPERB was established in 2001 under an amendment to the IEB Constitution (Article 68; see Section 2.0 for full governance details). In 2003, IEB also established the Board of Accreditation for Engineering and Technical Education (BAETE) to accredit four-year engineering bachelor's programmes. BAETE became a full signatory of the Washington Accord in 2024, reinforcing the international recognition of Bangladeshi engineering graduates.

1.1 Jurisdiction

BPERB, as an independent body of the Institution of Engineers, Bangladesh (IEB), issues licenses and provides professional recognition for engineers working in Bangladesh. Its jurisdiction covers all engineers holding at least a bachelor's degree in any branch of engineering from a programme accredited by IEB-BAETE.

1.2 Academic Programmes and Disciplines

Engineering education in Bangladesh encompasses a wide range of disciplines, including but not limited to:

- Civil Engineering — Infrastructure development, structural engineering, transportation, water resources, and environmental engineering.
- Electrical and Electronic Engineering (EEE) — Electrical systems, electronics, communication, and power engineering.
- Mechanical Engineering — Design, analysis, and manufacturing of mechanical systems.
- Computer Science and Engineering (CSE) — Software development, data science, artificial intelligence, and computer networking.
- Chemical Engineering — Chemical processes, materials science, and environmental technology.
- Other disciplines including biomedical, textile, industrial, naval architectural, metallurgical, and agricultural engineering.

2.0 Governance of IEB-BPERB

BPERB functions as an autonomous body for the registration of professional engineers in Bangladesh. BPERB ensures that engineering practice in Bangladesh meets international standards, supports national development, and safeguards public safety and welfare. The IEB Council frames Bye-Laws for BPERB on its recommendation, as per Article 55.

The Registration Board is the highest authority for PEng awarding and registration decisions. Major administrative and financial decisions also require Board approval. The IEB Council is kept informed of BPERB's decisions through the Honorary General Secretary.

The Board comprises the following members:

Chairman	An eminent IEB Fellow nominated by the Central Council from a panel of three candidates proposed by a search committee formed by the IEB President.
Vice-Chairmen (2)	Eminent IEB Fellows nominated by the Central Council using the same process as the Chairman.
Member-Secretary	A Corporate Member of IEB nominated by the Central Council.
Ex-Officio Members (3)	The IEB Vice-President (Academic & International Affairs), the IEB Honorary General Secretary, and the BAETE Chairman.
BUET Representative	Vice-Chancellor of BUET or a nominee at Senior Professor level (engineering faculty).
Other University Representatives (2)	Vice-Chancellors from DUET, RUET, KUET, CUET, TEU, or BAU, or nominees at Senior Professor level.
Ministry of Education (1)	Representative not below the rank of Additional Secretary, nominated by the Central Council.
Private University (1)	Senior Professor nominated by the Central Council.
IEB Fellows (2)	Corporate Members (Fellows) nominated by the Council.
Public Sector Engineers (2)	Engineers not below Chief Engineer rank, with strong academic and professional records; must be IEB Fellows.
Private Sector Members (4)	Nominated by the Council as per IEB Bye-Laws.
Other Professions (5)	Eminent professionals from fields other than engineering, nominated by the Council.
International Body (1)	Representative from a regional or international engineering professional body, invited by the Council.

Terms of office for the Chairman, Vice-Chairmen, Member-Secretary, and non-ex-officio Members are four years, with staggered turnover so that at most half the Members may be replaced every two years on the Board's recommendation. Any position holder may be re-nominated for a maximum of one additional term.

2.1 Committees of BPERB

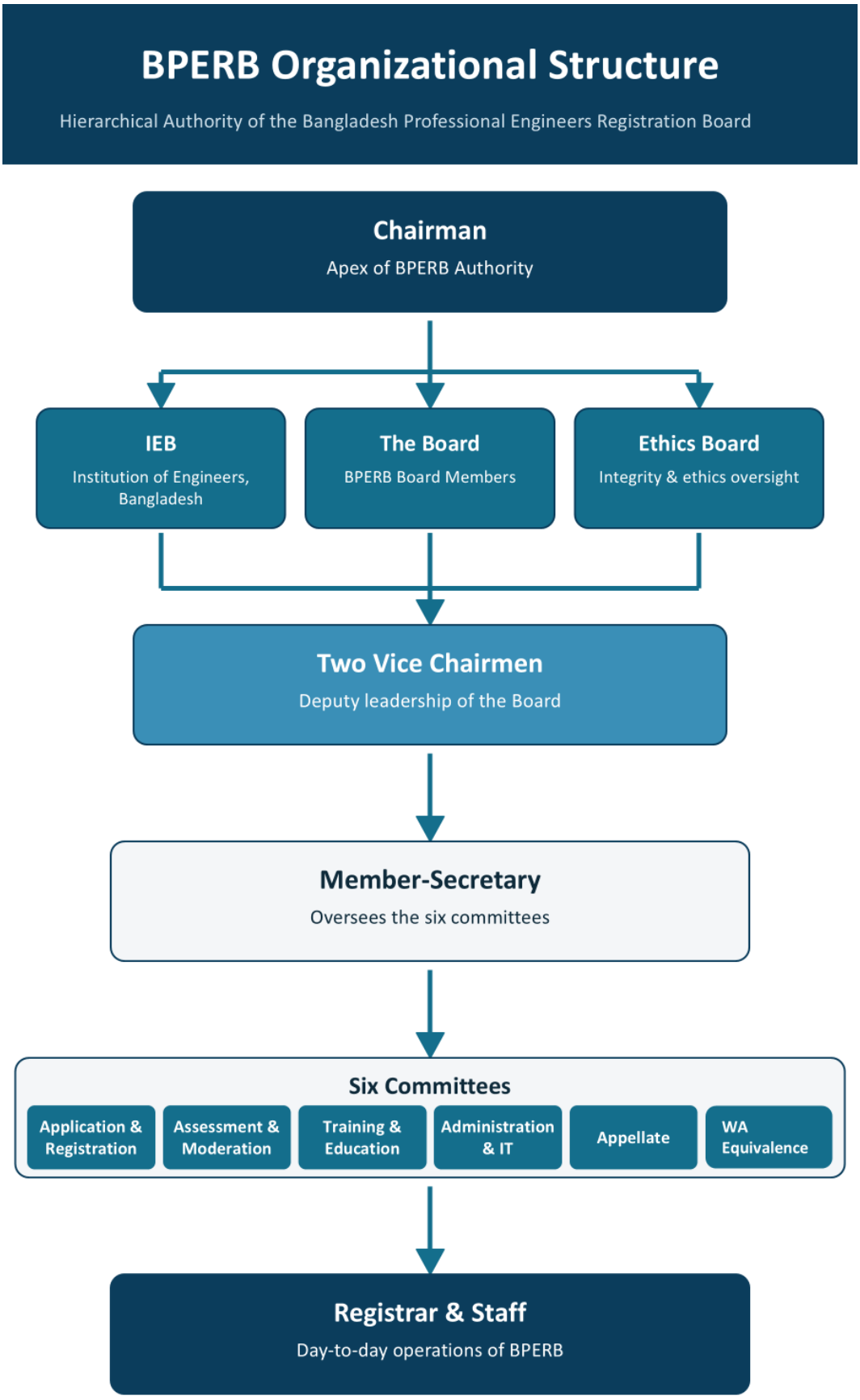
To support consistent, fair, and transparent processes, BPERB operates through six standing committees:

- Application and Registration Committee — Establishes and reviews the application process, verifies candidate eligibility, and registers successful candidates as PEng.
- Assessment and Moderation Committee — Establishes and reviews assessment criteria and processes, develops assessor selection criteria and training modules, moderates assessments, and recommends qualified candidates.
- Training and Education Committee — Establishes and reviews CPD criteria and guidelines, audits submitted CPD records, and educates candidates about the application process and code of ethics.
- Administration and IT Committee — Ensures authenticity of candidates, administers PEng assessments, maintains document repositories, receives complaints, and takes disciplinary action.
- Appellate Committee — Reviews appeals from candidates who disagree with assessment decisions.
- WA Equivalence Committee – Certifies the Washington Accord equivalence of non-accredited bachelor's programmes.

The Registrar is responsible for the day-to-day operation of BPERB, including administration and finance, in consultation with the Member-Secretary. The Registrar is assisted by an executive assistant, an accountant, a computer operator, and office support staff. Although not a Board member, the Registrar attends Board meetings and records discussions and decisions, and serves as the primary contact person for applicants and external entities.

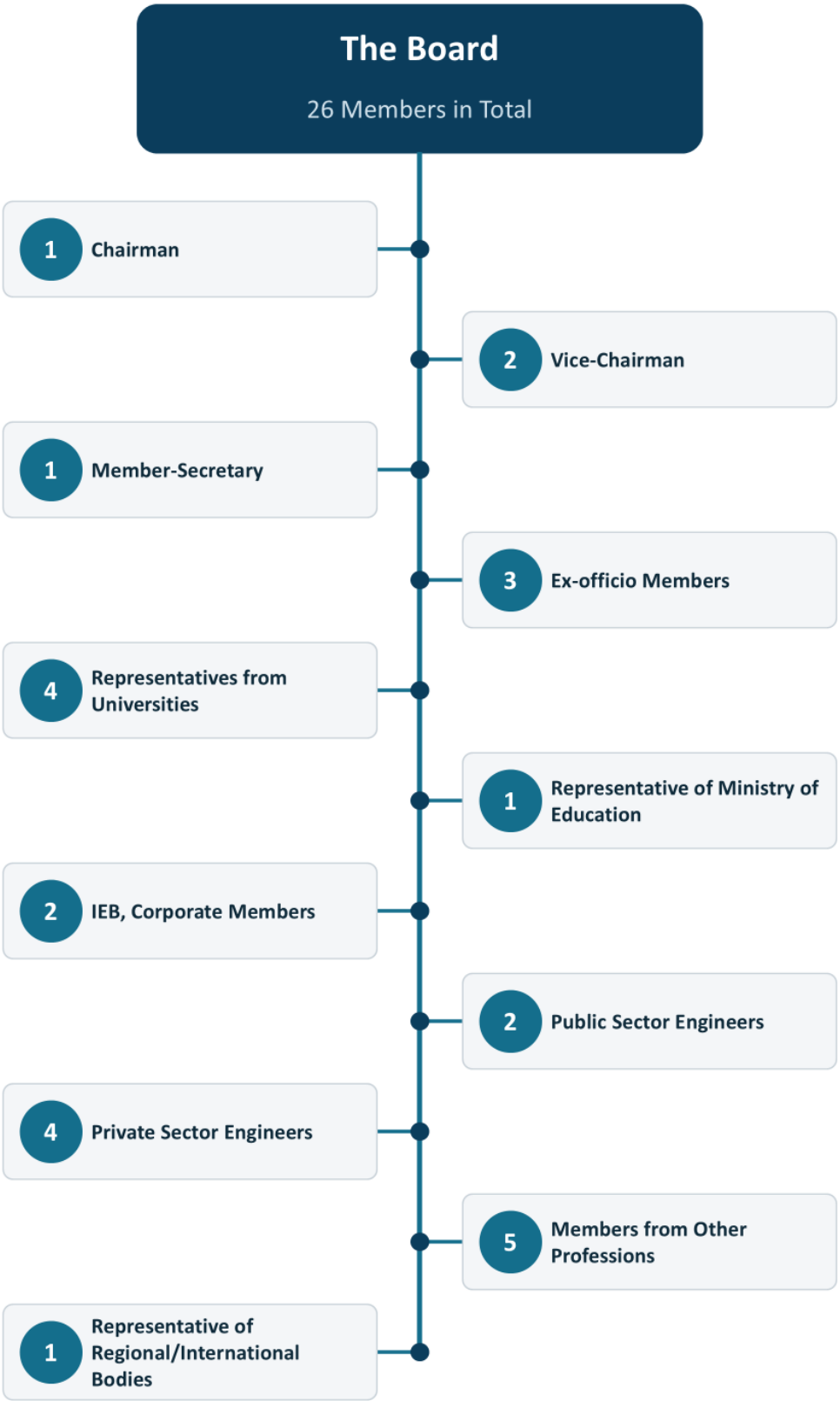
BPERB is financially self-supporting in its routine activities. Primary income comes from application and renewal fees. If a deficit occurs, IEB provides the necessary funds. IEB also supports BPERB's capacity-building and international engagement efforts. BPERB welcomes contributions from industry supporters where no conflict of interest exists.

BPERB serves as the de-facto National Monitoring Committee for National PEng and also functions as the Monitoring Committee for International Professional Engineers (IntPE) in Bangladesh.


BPERB Organizational Structure
Hierarchical Authority of the Bangladesh Professional Engineers Registration Board
Chairman
Apex of BPERB Authority
IEB
Institution of Engineers, Bangladesh
The Board
BPERB Board Members
Ethics Board
Integrity & ethics oversight
Two Vice Chairmen
Deputy leadership of the Board
Member-Secretary
Oversees the six committees
Six Committees
Application & Registration
Assessment & Moderation
Training & Education
Administration & IT
Appellate
WA Equivalence
Registrar & Staff
Day-to-day operations of BPERB

Board Formation

Composition of the BPERB Board — 26 Members



Activities of the Committees

Six committees guiding PEng approval through a fair and transparent process

1 Application & Registration Committee

Key Activities

- Establishes and reviews the application process
- Verifies eligibility of candidates
- Registers successful candidates

2 Assessment & Moderation Committee

Key Activities

- Establishes and reviews assessment criteria and process
- Selects and trains assessors
- Moderates assessments and recommends qualified candidates

3 Training & Education Committee

Key Activities

- Establishes and reviews CPD criteria and guidelines
- Audits submitted CPD records
- Educates candidates on application process and code of ethics

4 Administration & IT Committee

Key Activities

- Verifies authenticity of candidates
- Administers assessments and serves as document repository
- Receives complaints and takes disciplinary action

5 Appellate Committee

Key Activities

- Handles appeals from failed candidates
- Reviews application materials, exam scripts and viva recordings
- Ensures fairness of re-assessment

6 WA Equivalence Committee

Key Activities

- Reviews the applicant's program
- Certifies that the candidate complies with the Washington Accord Graduate attributes

2.2 Strategic Goals: Vision, Mission & Objectives

Vision: To be a nationally and internationally recognised registration body for professional engineers.

Mission:

(a) To set standards for becoming a professional engineer; and

(b) to register professional engineers as per the needs of the country.

Objectives:

- To ensure graduate engineers acquire the competencies and attributes required to meet national and international standards.
- To assist all stakeholders in identifying specific professional engineers who meet national and international standards.
- To ensure that graduate engineers pursue continuous professional development to keep themselves updated on the latest developments in their respective disciplines.

2.3 Affiliation

IEB-BPERB is affiliated with the International Engineering Alliance (IEA) and is a Provisional Member of the International Professional Engineers Agreement (IPEA). Provisional membership has been held since 2003. BPERB is actively progressing the documentary, procedural and assessment-quality work required to convert this to Authorised Membership; see Section 4.5 for the consequent constraint on award of IntPE.

2.4 Involvement with Government and Authorities

The Government of Bangladesh recognises BPERB as the authorised agency for issuing Professional Engineer (PEng) certificates. At each IEB convention, the Prime Minister formally confers PEng designations on successful engineers. As listed in Section 2.0, Board membership reserves seats for three Vice-Chancellors of public engineering universities (including BUET), two senior public engineers, and a Ministry of Education representative.

Only Registered Engineers certified by BPERB are authorised to submit engineering designs for buildings, structures, and other facilities to city regulatory authorities for approval.

2.5 Involvement with Industry

Industry representatives are actively involved in formulating BPERB's assessment policy, procedures, and criteria, and in PEng awarding decisions. Industry participation is embedded in the assessment process through assessors drawn from construction and consulting firms, matched to candidates' disciplines. By constitutional arrangement, at least four Board members are drawn from the private sector (see Section 2.0). The Board is the final authority to approve PEng recommendations from the assessment panel, endorsed by the Assessment and Moderation Committee, and verified by the IEB Ethics Board.

2.6 Involvement with Other Bodies

As described in Section 2.0, the BPERB Board includes one representative from a regional or international engineering professional body to facilitate knowledge exchange on international practices in PEng awarding and quality assurance.

3.0 Competence Standards

The International Professional Engineers Agreement (IPEA) — also known as the Engineers Mobility Forum — facilitates the international mobility of professional engineers by recognising the substantial equivalence of competence and professional standing across member countries. IPEA has established professional competency standards that engineers must meet to be recognised under the Agreement. BPERB has adopted thirteen Engineering Competencies (ECs) in alignment with GAPC Version 4.

3.1 Five Core Professional Competence Standards (CPCS)

To meet the minimum standards, an engineer must demonstrate the ability to practise competently in their working area at the level expected of a Professional Engineer. BPERB has defined five Core Professional Competence Standards (CPCS):

1. Knowledge and Understanding — General and specialist knowledge and understanding to optimise the application of existing and emerging technology for solving problems.
2. Design, Development and Solving Engineering Problems — Application of theoretical and practical knowledge to the analysis and solution of engineering problems.
3. Responsibility, Management and Leadership — Technical, commercial, and managerial leadership skills with a sound understanding of economic and procurement policies.
4. Communication and Interpersonal Skills — Effective communication and interpersonal skills with professional commitment.
5. Personal and Professional Commitment — Professional conduct, commitment to society, health and safety, environment, and regulation.

3.2 Thirteen IPEA Professional Competency Profile (EC1–EC13)

1. EC1 — Comprehend and apply advanced knowledge of the widely-applied principles underpinning good practice.
2. EC2 — Comprehend and apply advanced knowledge of the widely-applied principles underpinning good practice specific to the jurisdiction of practice.
3. EC3 — Define, investigate and analyze complex problems using data and information technologies where applicable.
4. EC4 — Design or develop solutions to complex problems considering a variety of perspectives and taking account of stakeholder views.
5. EC5 — Evaluate the outcomes and impacts of complex activities.
6. EC6 — Recognize the foreseeable economic, social, and environmental effects of complex activities and seek to achieve sustainable outcomes.
7. EC7 — Meet all legal, regulatory, and cultural requirements and protect public health and safety in the course of all activities.
8. EC8 — Conduct activities ethically.
9. EC9 — Manage part or all of one or more complex activities.
10. EC10 — Communicate and collaborate using multiple media clearly and inclusively with a broad range of stakeholders in the course of all activities.
11. EC11 — Undertake CPD activities to maintain and extend competences and enhance the ability to adapt to emerging technologies and the ever-changing nature of work.
12. EC12 — Recognize complexity and assess alternatives in light of competing requirements and incomplete knowledge. Exercise sound judgement in the course of all complex activities.

13. EC13 — Be responsible for making decisions on part or all of complex activities.

While gaining work experience, engineers are expected to develop skills defined in the CPCS and demonstrate their status by submitting a Self-Assessment Report. The report shall be a holistic narrative built around 2–3 substantive complex-engineering activities, each cross-mapped to multiple ECs in a coverage matrix (see Appendix C.1). This holistic approach is mandated by GAPC v4 §3.4: "competence must be assessed holistically".

3.3 Mapping of Core Competences to the 13 Engineering Competencies

The following table maps the five CPCS to the thirteen IPEA Engineering Competencies:

Core Competence Standard	Requirements	EC Mapping
CPCS A: Knowledge and Understanding	a. Comprehend and apply advanced knowledge of widely-applied principles underpinning good practice.	**[EC1, EC2]**
CPCS B: Design, Development and Solving Engineering Problems	a. Define, investigate, and analyse complex problems. b. Design or develop solutions to complex problems considering stakeholder views. c. Evaluate the outcomes and impacts of complex activities. d. Recognise environmental effects and seek sustainable outcomes.	**[EC3]** **[EC4]** **[EC5]** **[EC6]**
CPCS C: Responsibility, Management and Leadership	a. Meet all legal and regulatory requirements; protect public health and safety. b. Manage part or all of complex activities. c. Recognise complexity and exercise sound judgment. d. Be responsible for decisions on complex activities.	**[EC7]** **[EC9]** **[EC12]** **[EC13]**
CPCS D: Communication and Interpersonal Skills	a. Communicate and collaborate clearly and inclusively with a broad range of stakeholders.	**[EC10]**
CPCS E: Personal and Professional Commitment	a. Conduct activities ethically. b. Undertake CPD activities to maintain and extend competences.	**[EC8]** **[EC11]**

The Competence and Commitment Report should present the applicant's work in order, demonstrating how each attribute has been met at the required level. The applicant should cite specific projects where critical decisions were made, challenges were faced, lessons were learnt, and independent judgement was exercised. Colour images and drawings may be included where relevant.

4.0 Application and Assessment Procedure

The BPERB Registry provides a framework for recognising the equivalence of engineering qualifications and experience, and for facilitating trade in engineering services between participating economies. BPERB assesses applicants against established standards, and confers the designation Professional Engineer (PEng) or International Professional Engineer (IntPE) on those who meet those standards. The first cohort of PEng was registered at the 6th Board Meeting held on 30 December 2001.

4.1 Types of Registration

BPERB provides three categories of registration:

- Registered Engineer (RE) — including Registered Structural Engineer (RSE), Registered Geotechnical Engineer (RGE), and other specialty designations.
- National Professional Engineer (National PEng)
- International Professional Engineer (IntPE)

4.1.1 Pre-requisites for a Registered Engineer

An applicant must satisfy all of the following:

- Be a member or fellow of IEB.
- Have at least 5 years' experience after attaining a bachelor's degree in engineering, or at least 3 years' experience after an M.Sc. in Engineering in the relevant field. (Note: BNBC building category requirements may impose higher minimums for specific work types.)
- Hold a National PEng, or commit to apply for PEng within 3 years and obtaining PEng within 5 years of enlistment as a Registered Engineer.
- Provide evidence of achieving at least 20 CPD hours in the 12 months preceding the date of application submission (submitted as the CPD Record and Report; see Appendix C.3).

4.1.2 Pre-requisites for National PEng

An applicant must satisfy all of the following:

- Hold an IEB-BAETE-accredited bachelor's degree in engineering. Application of non-accredited program graduates will be sent to the WA Equivalence Committee. Details of this committee are described in Section 4.1.4.
- Be a member or fellow of IEB.
- Have a minimum of 7 years' practical experience since graduation, including a minimum period of 2 years in responsible charge of significant engineering work in Bangladesh (as defined in the call-out below). The IPEA benchmark of 5+2 years is hereby adopted verbatim.
- Provide evidence of achieving at least 30 CPD hours in the 12 months immediately preceding the PEng examination.

Definition — Responsible Charge of Significant Engineering Works:

A candidate is considered to have been in responsible charge of significant engineering works when they have completed at least one of the following:

- Planned, designed, coordinated, and executed a small project.
- Undertaken a significant part of a large project with an understanding of the whole project.
- Undertaken novel or complex work responsibilities.

4.1.3 Pre-requisites for IntPE

An applicant must satisfy all of the following:

- Hold an IEB-BAETE-accredited bachelor's degree in engineering.
- Be a member or fellow of IEB.
- Have a minimum of 7 years' practical experience since graduation, including a minimum period of 2 years in responsible charge of significant engineering work in Bangladesh (as defined in Section 4.1.2).
- Provide evidence of achieving at least 50 CPD hours in the 12 months immediately preceding the IntPE application.

4.1.4 Washington Accord (WA) Equivalence Committee

Constitution of the Committee

For the purpose of evaluating the equivalence of an applicant's engineering qualification with a Washington Accord (WA) accredited program, IEB–BPERB shall constitute a Washington Accord Equivalence Committee (hereinafter referred to as the "WA Equivalence Committee") comprising five (5) to eight (8) members as follows:

i. One BPERB Board member, who shall act as the Convener of the Committee;
ii. One member of the working committee of IEB–BPERB;
iii. One/Two members nominated by IEB–BAETE;
iv. Member-Secretary of BPERB, who shall act as the Member-Secretary of the Committee;
v. One member nominated by the President of IEB;
vi. One Professor from a public university; and
vii. One Professor from any IEB–BAETE accredited programme of a private university accredited.

Documents to be Submitted for Equivalence Assessment

The WA Equivalence Committee shall request the candidate, or the Head of the Department of the program from which the candidate has graduated, to submit the following documents for review:

i. Syllabus and curriculum of the program followed during the candidate's period of study;
ii. Curriculum Vitae (CV) of the faculty members who taught the program during the candidate's graduation period;
iii. List of laboratory facilities available to the program at that time;
iv. University Grants Commission (UGC) approval of the program; and
v. Any other information or documentation that the WA Equivalence Committee may consider necessary for its assessment.

The WA Equivalence Committee shall examine the submitted documents and, where required, may invite the candidate or the concerned departmental authority for clarification before submitting its recommendation to IEB–BPERB. This committee may develop policies and procedures regarding the WA equivalence.

4.2 Application Procedures — PEng and IntPE

Engineers seeking PEng or IntPE registration must apply online through the BPERB portal at www.bperb.net. The application requires completion of all sections including personal data, academic and professional qualifications, and CPD activities.

BPERB checks every application for completeness and contacts the candidate within seven working days to acknowledge receipt or request any missing documents. Processing cannot proceed until all required information has been received.

4.2.1 Required Documents for Online Application

The applicant must upload all of the following through the BPERB online portal:

- Curriculum Vitae (CV)
- Academic qualification certificates
- Professional affiliations and recognitions
- CPD records and reports
- Competence and Commitment Report (3,000–5,000 words)
- Job experience records
- Project experience records
- Sponsor recommendations (two sponsors, submitted online via an automatically generated link)
- Payment confirmation of the appropriate application fee

Note: For IntPE applications, indicate "Application for IntPE" at the top of the first page of the CV.

4.2.2 Criteria for Engineering Education Programmes

A graduate of a BAETE-accredited engineering programme is considered to have met the academic qualification requirements for PEng and IntPE. Graduates from non-accredited Engineering programmes will need WA Equivalence by WA Equivalence Committee.

If an applicant's undergraduate degree is not BAETE-accredited, IEB-BPERB may consider the application if the degree is supplemented by a Master's or PhD in the same branch of engineering from a BAETE-approved programme, or from a programme in a country that is a signatory to the Washington Accord.

4.2.3 Validation of Experience and Character (Sponsors)

Two sponsors are required from IEB members who are familiar with the candidate's work, character, and integrity. Sponsors must be Fellows of IEB with at least 10 years of standing, or PEng holders with at least 3 years of standing.

Candidates must ensure that their sponsors read the BPERB guidance on sponsor eligibility and responsibilities before completing the online Sponsor Statement of Support. The Sponsor Statement is submitted online via a link automatically generated and sent to the sponsors by the BPERB system.

4.2.4 Assessment Major Steps

Following scrutiny, the PEng and IntPE professional review is conducted in three stages by two assessors (see Section 4.3 for the step-by-step workflow):

- Marking of the Competence and Commitment Report
- Marking of the Written Examination script

- Oral Interview, including a candidate presentation

Assessors are selected by the Assessment and Moderation Committee based on expertise matching the candidate's field, and must declare no conflict of interest. Candidates receive approximately two weeks' notice of the written examination date. Assessment of written scripts and competence reports typically takes four weeks, after which candidates are notified of their interview schedule.

Candidates must not contact potential reviewers directly or indirectly at any time.

Written Examination

A three-hour written examination is held in person at the BPERB exam hall, which is equipped with monitoring cameras. Video and audio are recorded for reference.

Oral Interview and Presentation

The oral interview is conducted by the same assessors. In the first phase, the candidate delivers a 15-minute presentation demonstrating knowledge, skills, and experience relevant to the BPERB core competencies. The presentation should not summarise the CV or report, nor attempt to cover all attributes. Visual aids are permitted; candidates may use their own laptop. If the presentation exceeds 15 minutes, the assessors may stop the candidate to proceed with the interview.

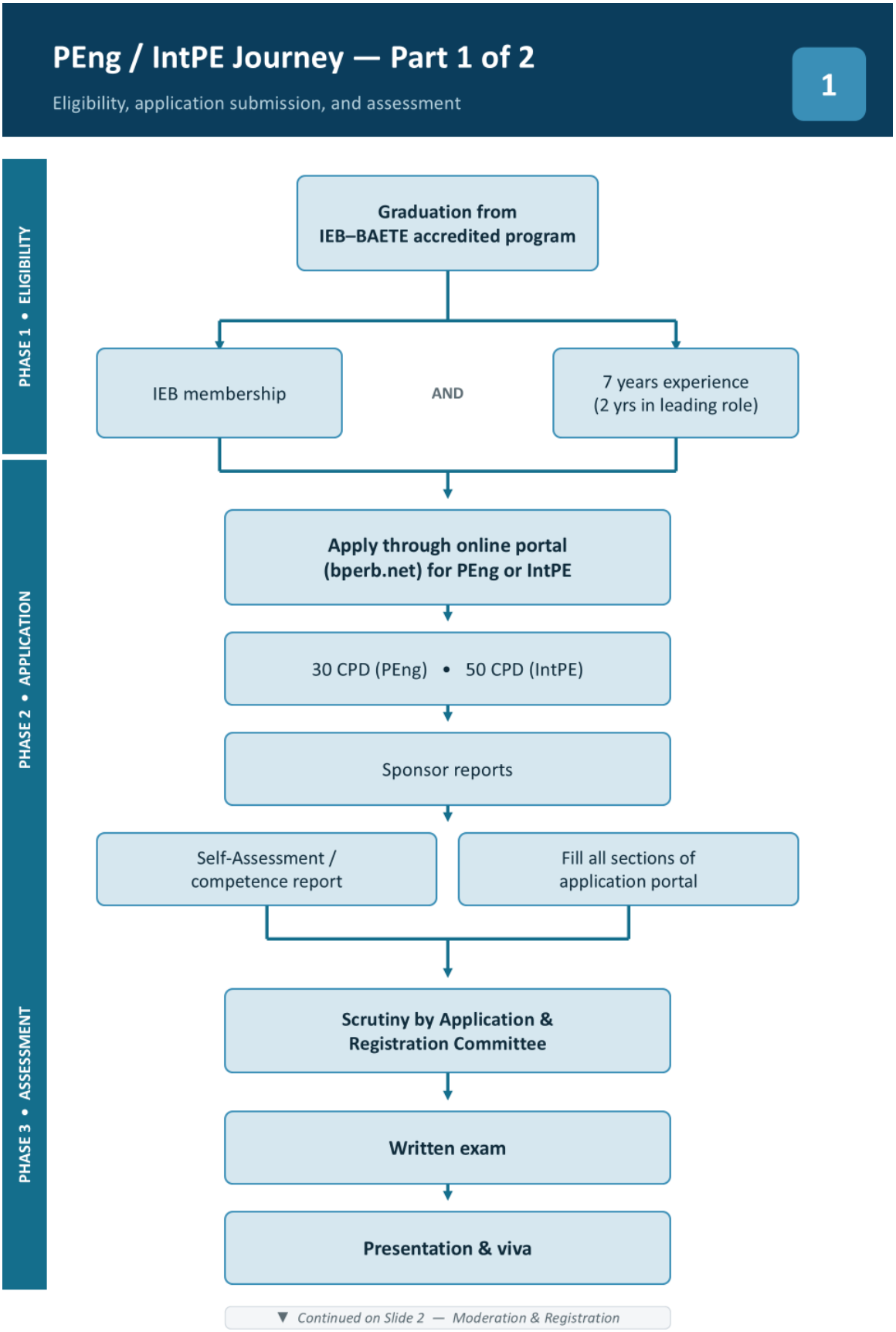
Following the presentation, assessors interview the candidate to confirm the required level of competence across all attributes. The total duration including the presentation is normally 60–90 minutes. Questions cover all 13 competency profiles. Mobile devices must be switched off before the interview begins. BPERB records all interviews; candidates may not make their own recordings.

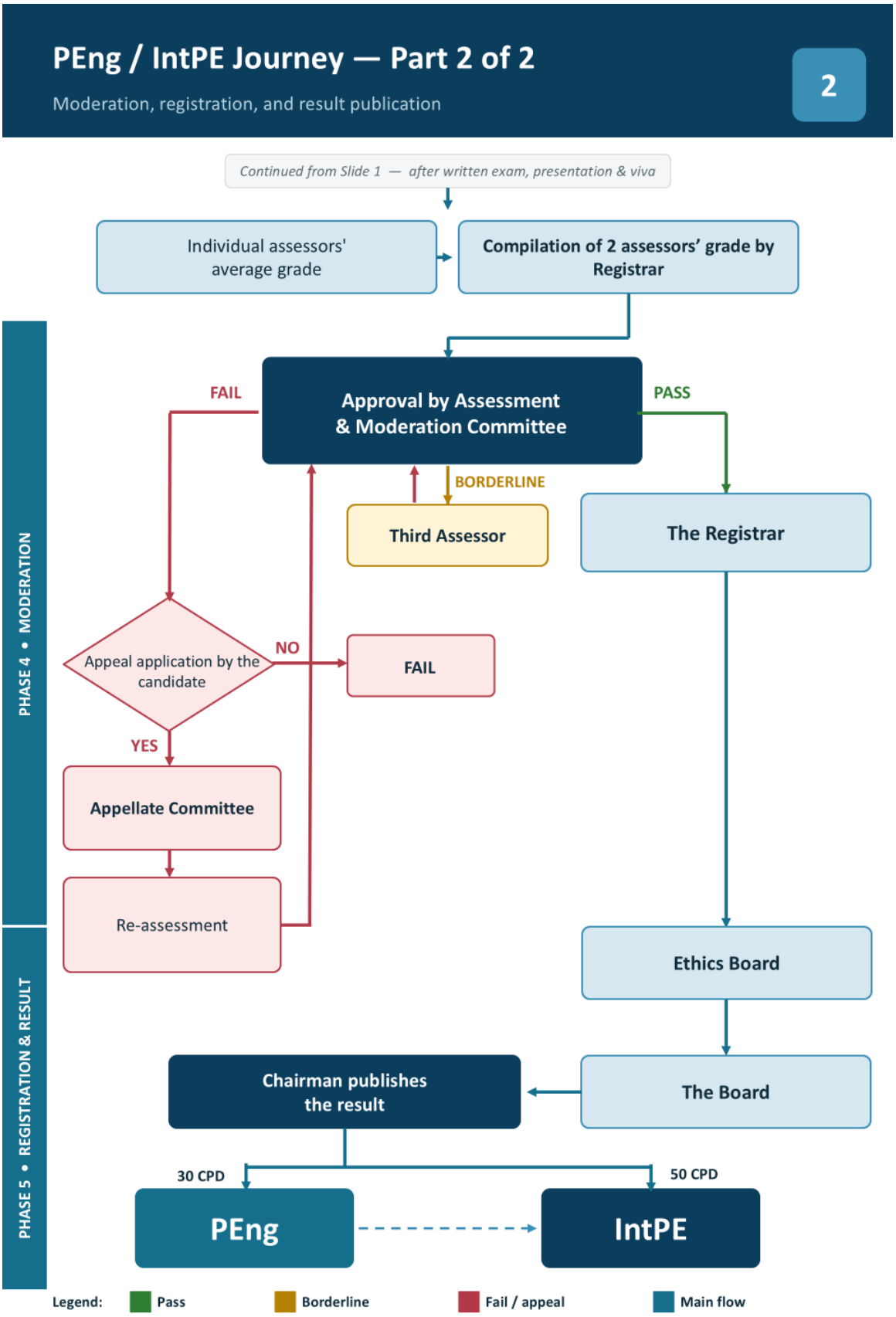
Observer attendance: The Chairman, Vice-Chairmen, Assessment and Moderation Committee members, and Board members may attend as observers.

Standard Final Approval Process

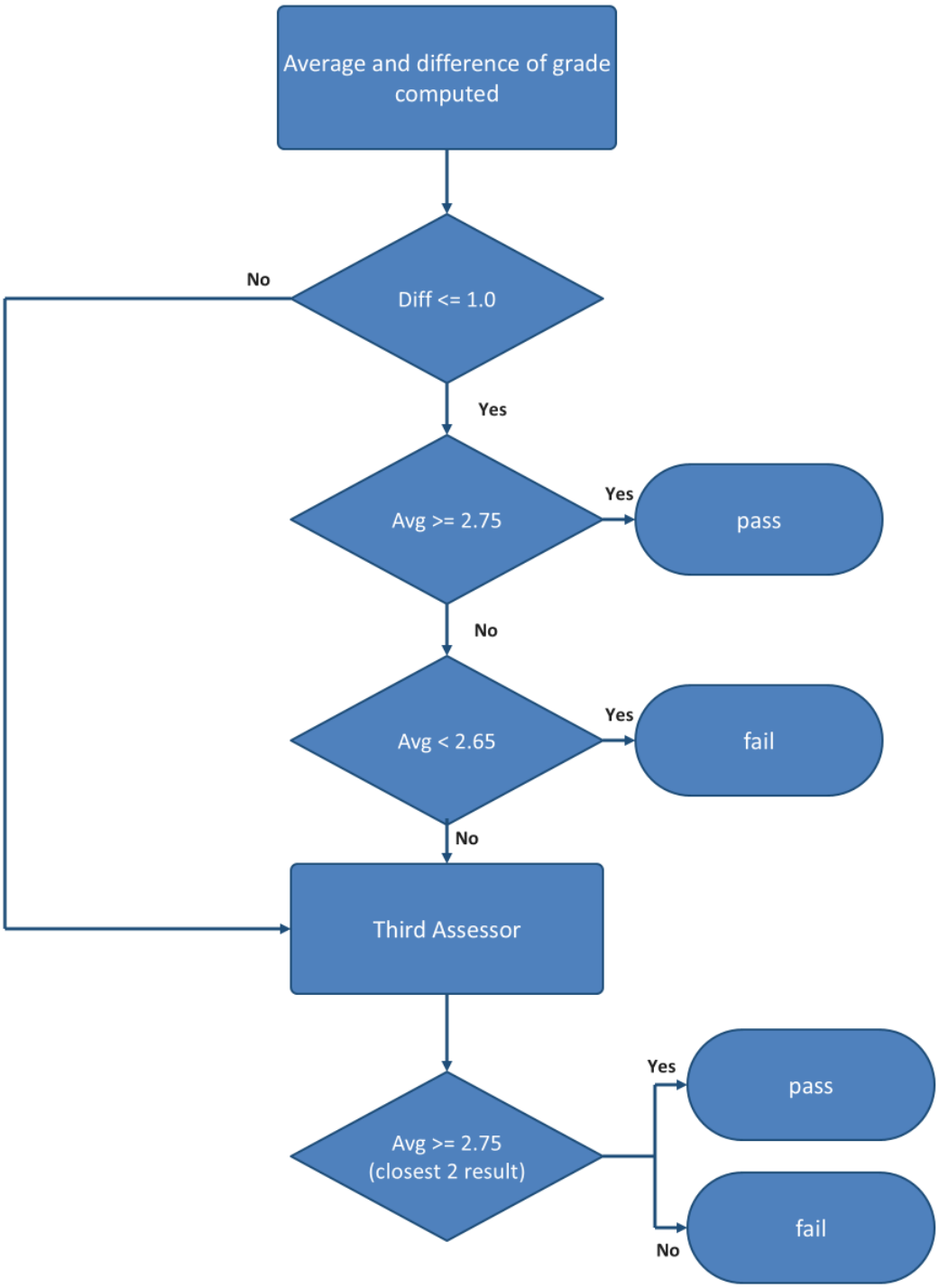
- The list of successful candidates is submitted to the IEB Ethics Board to verify the integrity and professional conduct of each candidate.
- Upon receiving the Ethics Board's findings, the Registrar presents them as an agenda item at a BPERB Board Meeting, where the Board takes the final decision.
- The Registrar publishes the names of successful candidates on the BPERB website and notice board after Board approval.

4.3 Assessment Process — National PEng




PEng / IntPE Journey — Part 2 of 2
Moderation, registration, and result publication
2
Continued from Slide 1 — after written exam, presentation & viva
Individual assessors' average grade
Compilation of 2 assessors' grade by Registrar
PHASE 4 • MODERATION
FAIL
Approval by Assessment & Moderation Committee
PASS
BORDERLINE
Third Assessor
The Registrar
Appeal application by the candidate
NO
FAIL
YES
Appellate Committee
Re-assessment
PHASE 5 • REGISTRATION & RESULT
Ethics Board
Chairman publishes the result
The Board
30 CPD
50 CPD
PEng
IntPE
Legend:
Pass
Borderline
Fail / appeal
Main flow

Grade Compilation Flowchart



Step 1 — Online Application

Candidates apply through the BPERB online portal (www.bperb.net) and upload all required documents as listed in Section 4.2.1.

Step 2 — Scrutiny

The Application and Registration Committee performs preliminary scrutiny to confirm candidate eligibility, examining:

- Academic qualifications
- Professional affiliations
- Job and project experience
- Sponsor qualifications and Sponsor Report
- CPD records

The Registrar forwards the list of eligible candidates with their fields of expertise to the Assessment and Moderation Committee for question paper preparation and assessor selection.

Step 3 — Written Examination

The Assessment and Moderation Committee prepares question papers covering all 13 engineering competency profiles (EC1–EC13). The Registrar notifies eligible candidates of the examination date. The examination is held in person at the BPERB exam hall under monitored conditions (see the Written Examination subsection).

Step 4 — Assessment

Two assessors are assigned to each candidate by matching expertise and confirming no conflict of interest. Assessors receive all application materials, examination scripts, and a "No Conflict of Interest" declaration form. Assessors return completed assessment forms to the Registrar, after which candidates are notified of their presentation and oral examination date (see Section 4.2.4 for full details).

Step 5 — Compilation of Assessment Results

Each assessor submits completed assessment forms to the Registrar, who compiles a result summary and submits it to the Assessment and Moderation Committee.

Step 6 — Assessment and Moderation Committee Decision

The Committee provides a final grade based on BPERB rules and regulations, or refers the case to a third assessor if required. The third assessor reviews all records — application materials, written examination scripts, and oral examination videos — and submits the grade to the Committee.

Step 7 — Notification to Unsuccessful Candidates

The Registrar individually notifies unsuccessful candidates with the reasons for their result, and declares the deadline for appeals (within the prescribed form and appropriate fee). Appeals are forwarded to the Appellate Committee, which reviews all records and may co-opt any expert to match the candidate's field of expertise. The Appellate Committee's judgement is final and communicated to the candidate by the Registrar.

Steps 8–10 — Final Approval and Publication

All successful candidates proceed through the Standard Final Approval Process (Ethics Board verification → BPERB Board approval → Publication of results), as described at the end of Section 4.2.4 ("Standard Final Approval Process").

4.4 Assessment Process — International Professional Engineer (IntPE)

For IntPE applicants who are not foreign engineers (Section 4.5) and not already holding active National PEng (Section 4.6), the assessment process is identical to that for National PEng (Section 4.3), with the exception of the pre-requisites. An IntPE candidate must have a minimum of 7 years' practical experience since graduation, including 2 years in responsible charge, and demonstrate at least 50 CPD hours in the preceding 12 months (as stated in Section 4.1.3). All steps — online application, scrutiny, written examination, assessment, moderation, and final approval — follow the same procedure.

On the CV, the candidate must include the heading "Application for IntPE" at the top of the first page.

4.5 Assessment Process — PEng/IntPE for Foreign Professional Engineers

An engineer who holds an active Professional Engineer status in any IPEA-authorised member country may apply for PEng/IntPE without sitting a written examination and facing a viva voce. The applicant must:

- Complete and submit the prescribed PEng/IntPE Application Form for Foreign Professional Engineers (Appendix C).
- Pay the applicable application fee.
- Submit an updated CV to registrar@bperb.net.

Routing follows the standard sequence (Application and Registration Committee scrutiny → Assessment and Moderation Committee assessment → BPERB Board approval → Standard Final Approval Process; see Section 4.2.4).

IMPORTANT NOTICE — PROVISIONAL STATUS: BPERB is currently a Provisional Member of IPEA and is NOT authorised to enter individuals on the International Professional Engineers Register or to confer the IntPE title. Applicants approved through Sections 4.4, 4.5 and 4.6 will be awarded the National PEng designation only. Once BPERB attains Authorised IPEA Membership, eligible National PEng holders may apply to be entered on the IPEA Register and IntPE Register; entry will be a separate, individual decision against the IPEA benchmark at that time and is not automatic.

4.6 Assessment Process — IntPE for Active National PEng Holders

An engineer holding active National PEng status may apply for IntPE without sitting a written examination or viva voce. The applicant must:

- Complete and submit the prescribed IntPE Application Form for PEng Holders (Appendix C).
- Pay the applicable application fee.
- Submit an updated CV and a CPD report confirming at least 50 CPD hours in the preceding 12 months to registrar@bperb.net.

The Application and Registration Committee conducts scrutiny; the Assessment and Moderation Committee assesses the application; and the case is forwarded to the BPERB Board for a final decision, in accordance with the Standard Final Approval Process (Section 4.2.4).

4.7 Audits of Registered Engineers, PEng, and IntPE

The Training and Education Committee audits submitted CPD records (Section 2.1) and the Administration and IT Committee conducts periodic audits of registrant records to confirm:

- That registrants continue to perform engineering work or remain active in the engineering profession.
- That registrants are compliant with CPD requirements.
- That there is no record of unsatisfactory professional conduct.
- That registrants are citizens of Bangladesh, or hold a valid work permit (for foreign nationals).

Audits are conducted using a random sampling method. Every two years, 3–5% of all registrants are randomly selected for audit.

4.8 Appeal Process

Applicants for any registration type (Registered Engineer, PEng, or IntPE) who are not admitted to the BPERB Registry will receive a written letter stating the decision and the rationale. The procedure below applies to all appeals; references to the appeal process in earlier sections (e.g., Sections 4.3 Step 7 and 4.4) follow this same procedure. Applicants who disagree with the decision may appeal as follows:

- Submit a request for reconsideration in the prescribed Appeal Form, with the appropriate fee, to the Registrar within 2 months of the date of the rejection letter. The request must state why the applicant believes they are eligible for admission and may include new supporting information.
- The Appellate Committee will review the reconsideration request and any additional information submitted. The Registrar will notify the applicant of the Committee's final decision in writing.

4.9 CPD Guidelines

Continuing Professional Development (CPD) is a vital mechanism for staying informed, expanding skills, and enhancing professional effectiveness. CPD enables members to maintain, improve, and diversify their knowledge and skills. The focus should be on actively learning or refreshing knowledge and skills relevant to the applicant's area of engineering expertise, aligned with the IPEA professional competency profile.

Minimum Annual CPD Requirements (these are ongoing renewal-year minimums; the pre-application CPD requirements specified in Sections 4.1.1–4.1.3 may overlap but are distinct):

- Registered Engineer: at least 20 CPD hours per year (January–December), submitted by February of the following year.
- National PEng: at least 30 CPD hours per year, submitted by February.
- IntPE: at least 50 CPD hours per year, submitted by February.

Note: CPD records and reports submitted are subject to audit. De-registration may result from failure to justify CPD claims or from the identification of false information.

BPERB allows flexibility in selecting from a broad range of CPD activities. Relevant activities include those that help to:

- Maintain, improve, or expand technical skills and knowledge.
- Keep up to date with changing procedures and standards.
- Understand and apply advances in technology.
- Better serve the engineering profession, community, and environment.
- Enhance communication and management skills.
- Broaden into related fields such as management, finance, or law.

Sl.	CPD Activity	Unit / Period	Weight Factor
1	Convention / Conference / Seminar / Symposium on Technical Issues	Each hour attending Each hour presenting	0.5-hour CPD 1-hour CPD
2	Training / Workshop / Short Course / Online Course / Technical Meeting on Technical Issues	Each hour attending Each hour presenting	1-hour CPD 2 hours CPD
3	Publications in technical conference proceedings (Submit the abstract)	Each paper	12 hours CPD (equally divided among authors)
4	Publication in recognised technical journals or publishing technical books (Scopus or Web of Science indexed; ISSN/ISBN required for books) (Submit the abstract)	Each paper / book	24 hours CPD (equally divided among authors)
5	MSc Engineering, M.Eng., or MBA theory courses — as a student (Submit the syllabus)	Each credit hour	3 hours CPD
6	Learning activities in the workplace that extend competence in the area of practice (Demonstrate how it extended your knowledge)	Each hour of activity	1-hour CPD
7	Contribution to professional bodies (Submit meeting agenda)	Each hour of attending a meeting, assessment, or report preparation	1-hour CPD
8	Self-Study (national and international codes, journal papers, books in the relevant field) (Submit a 300–500-word learning report with date, title, author, and time invested)	Each hour of self-study	0.25-hour CPD (max 5 hrs for RE; 10 hrs for PEng; 20 hrs for IntPE)

4.10 Renewal Process

Registered Engineers, PEng, and IntPE holders must renew their registration annually. Renewal must be completed in advance each January for the January–December period. Holders of multiple titles (RE, PEng, IntPE) pay only the highest applicable renewal fee.

How to Renew

- Download and complete the Renewal Form (Appendix C), print and sign it, then scan it to PDF.
- Pay all outstanding dues to the BPERB bank account or online payment system through www.bperb.net website. The BPERB helplines (01927-525-290 and 01815-700-078, available 2–9 pm) (also see Section 4.11 for bank details) can confirm any outstanding amounts.
- Prepare CPD records for the previous year in the prescribed format, with supporting evidence.
- Email the completed Renewal Form, CPD records, and payment slip to bperb.ieb@gmail.com and registrar@bperb.net.

4.11 Payment Guidelines

All payments must be made to the BPERB bank account. Payment may be made through online payment gateway through www.bperb.net website or account payee cheque, or online transfer via any banking app at any branch of Mercantile Bank PLC. Cash transactions are discouraged.

BPERB Bank Account Details:

Account Name: BPERB

Account Number: 1131 0000 3024 9

Bank: Mercantile Bank PLC, Engineers Institution Branch, Dhaka

Routing Number: 140261370

Schedule of Fees (effective 1 January 2026):

Sl.	Description	Amount
i	Registered Engineer — New Application	**BDT 10,000**
ii	National PEng — New Application	**BDT 10,000**
iii	IntPE — New Application	**BDT 15,000**
iv	Registered Engineer — Annual Renewal	**BDT 4,000**
v	National PEng — Annual Renewal	**BDT 4,000**
vi	IntPE — Annual Renewal	**BDT 4,000**
vii	Reg. Engineer + PEng (combined renewal — equal to highest individual fee, per Section 4.11)	**BDT 4,000**
viii	Reg. Engineer + IntPE — Annual Renewal (combined)	**BDT 4,000**
ix	Appeal Application fee (referenced in Section 4.8)	**BDT 2,000**
x	Late Fee per year (in addition to renewal fee)	**BDT 2,000**

4.12 Re-registration

To re-register after de-registration, a fresh application must be submitted to BPERB. The requirements depend on the reason for and timing of de-registration.

Reasons for De-registration

Names are removed from the BPERB Register under any of the following circumstances:

- Death of the registrant.
- Voluntary request for de-registration received from the registrant.
- Failure to pay renewal fees.
- Breach of the Rules of Conduct, confirmed following an enquiry.
- Failure to attain the required CPD level.
- Incompetence (not sound in mind).
- Conviction by a court of law.

4.12.1 Re-registration after Voluntary Removal

An engineer who voluntarily de-registers will be treated as a fresh applicant for re-registration.

4.12.2 Re-registration after Disciplinary Action

An engineer de-registered for disciplinary reasons may only apply for re-registration after a minimum waiting period of one year following the expiry of the penalty period. The engineer will be treated as a fresh applicant.

4.12.3 Re-registration after Failure to Renew

An engineer de-registered for non-payment of renewal fees is placed under suspension. Re-registration is possible within 3 years by paying all outstanding renewal fees plus applicable late fees, and by submitting CPD records and reports.

If the arrears on renewal fees exceed 3 years, the engineer is permanently de-registered and must apply as a new applicant.

Appendix A — IEB Code of Ethics

(Approved in the 476th Central Council Meeting of IEB held on 06.08.2003)

I solemnly promise that as a member of The Institution of Engineers, Bangladesh:

1. I shall uphold and advance the integrity, honor and dignity of the engineering profession using my knowledge and skill and shall hold paramount the safety, health and welfare of the public and shall try to comply with the principles of sustainable development in the performance of my professional duties.

2. I shall be honest and impartial and serve with complete fidelity the public, employer and clients. I shall not accept remuneration for services rendered other than that from my employer or with my employer's permission.

3. I shall perform services only in areas of my competence.

4. I shall build my professional reputation on the merit of my services and shall not compete unfairly with others.

5. I shall act in professional matters for my employer or client as faithful agent or trustee and shall avoid conflict of interest and avoid deceptive acts.

6. I shall issue public statements only in an objective and truthful manner, and shall not in a self-laudatory language or in any manner derogatory to the dignity of the profession or professional bodies, neither advise or write articles for publication, nor shall authorize such advertisements to be written or published by any other person.

7. I, without disclosing the fact to my employer in writing, shall not be director of or have a substantial financial interest in, nor be an agent for any company, firm or person carrying on any contracting, consulting or manufacturing business which is or may be involved in the work to which my employment relates, nor shall I receive directly or indirectly any royalty, gratuity or commission on any article or process used in or for the purpose of the work in respect of which I am employed, unless or until such royalty, gratuity or commission has been authorized in writing by the employer.

8. I shall support the professional and technical societies of my discipline.

9. I, in connection with work in country other than my own, shall order my conduct according to these rules, as far as they are applicable; but where the country has recognized standards of professional conduct, I shall adhere to them.

10. I shall not offer, guide, solicit or receive, either directly or indirectly, any political contribution in an amount intended to influence the award of a contract by the public authority.

11. I solemnly promise I shall avoid bribery and extortion in any form. If I encounter such acts done by any member, I shall be ethically bound to report it to the Ethical Review Board (ERB) of IEB (ERB is to be formed).

12. I shall continue my professional development throughout my career, and shall provide opportunities and support for the professional development of the engineers under my supervision.

13. A member who shall be convicted by a competent tribunal of a criminal offence, which in the opinion of the disciplinary body renders him unfit to be a member, shall be deemed to have been guilty of improper conduct.

Signature: _____

Name: _____

Membership number: _____

Appendix B — Rules of Ethics and Conduct for BPERB Registered Professional Engineers

The registration process is designed to ensure that engineers are fully committed to, and accountable for, the Code of Conduct at every stage of engineering practice — planning, designing, implementing, maintaining, and demolishing. Engineers must maintain the following ethical standards:

B.1 Social Responsibility

- Abide by the laws of the land where work is performed; respect local customs; uphold human rights; safeguard public property and safety; and abjure violence and acts of terrorism.
- Treat all persons fairly, irrespective of race, creed, caste, religion, gender, or national origin.
- Strive to protect and maintain a clean, healthy, and safe environment in compliance with statutory requirements.
- Uphold the paramount safety, health, and welfare of the public and individuals; consider the welfare of society and the natural environment.
- Apply the principles of sustainable development in professional duties and promote the needs of future generations.
- Support and recognise the professional and technical societies of their discipline.
- Inform clients and employers of the possible consequences whenever professional judgements are overruled on grounds of safety, public health, or welfare.
- Foster environmental awareness and minimise foreseeable and avoidable ecological impacts.

B.2 Responsibility to Maintain High Standards of Professional Quality

- Not misrepresent educational qualifications or professional titles.
- Seek work through fair and proper methods; take full responsibility for tasks carried out under their supervision; accept only work for which they are competent.
- Approve only designs that safely and economically meet the client's requirements; never approve engineering work considered unsound or against the public interest.
- Uphold and advance the integrity, honour, and dignity of the engineering profession; observe proper duties of confidentiality and not accept or give inducements.
- Perform services only in areas of expertise and competency; if accepting a project requiring external expertise, ensure those phases are performed by qualified associates.
- Maintain competency and professional reputation on the merit of services; not compete unfairly with others.
- In international work, adhere to these Rules as far as applicable, and comply with the host country's recognised professional Code of Conduct.
- Support the professional and ethical development of engineers under their supervision throughout their careers.

B.3 Obligation to Maintain High Standards of Personal Behaviour

- Not maliciously or falsely injure the professional reputation of another engineer or organisation.
- Respect the personal rights of colleagues and abide by the legal and cultural values of the societies in which they work.
- Be honest and impartial; serve the public, employers, and clients with complete fidelity.

- Not solicit or accept financial or other remuneration for services from sources other than their employers, except with the employer's written permission.
- Act as a faithful agent and trustee for employers and clients; avoid conflicts of interest and deceptive acts; promptly disclose any business association or interest that could influence the quality of services.
- Issue public statements or reports only objectively and truthfully; include all relevant information; be prepared to contribute to public debate on matters of technical understanding.
- Not, without written disclosure to the employer: (a) hold a directorship or financial interest in any business related to employment; (b) act as an agent for any contracting, consulting, or manufacturing business related to employment; or (c) receive any royalty, gratuity, or commission related to work performed.
- Not undertake assignments that could knowingly create a conflict of interest.
- When in public service, not participate in activities related to services provided by their private engineering practice.
- Admit errors when proven wrong; refrain from distorting facts to justify mistakes.
- Refrain from making statements or arguments on engineering matters at the inspiration of an interested party that may cause confusion or conflict.
- Not offer, solicit, or receive direct or indirect political contributions to influence the award of any public contract.
- Avoid bribery and extortion in any form; report any such acts to the IEB or the IEB Ethics Board.
- Engineers convicted by a competent tribunal of a criminal offence rendering them unfit to be a Member or PEng holder shall be deemed guilty of improper conduct.

Appendix C — Templates and Application Forms

C.1 Self-Assessment Report

BANGLADESH PROFESSIONAL ENGINEERS REGISTRATION BOARD (BPERB)

Institution of Engineers, Bangladesh (IEB)

Self-Assessment Report

for Professional Engineer (PEng) / IntPE Applicants

Aligned with GAPC Version 4 — IPEA 13 Engineering Competencies (EC1–EC13) and the Five Core Professional Competence Standards (CPCS A–E) as set out in BPERB Applicant Manual v4.1 (March 2026)

Applicant Full Name	
IEB Membership No.	
Engineering Discipline / Sub-discipline	
Applying For (keep one only)	Registered Engineer (RE) / National PEng / IntPE
Years of Experience since Graduation	
Years in Responsible Charge (Bangladesh)	
Current Employer / Organisation	
Current Position	
Mobile	
Email	
Date of Self-Assessment	

1. Purpose of this Self-Assessment

This form is a structured self-rating instrument that you (the applicant) complete during application for PEng. Its purpose is fourfold:

- Verify that you meet, in your own judgement and with citable evidence, each of the thirteen IPEA Engineering Competencies (EC1–EC13) at the level expected of a Professional Engineer under GAPC v4.
- Map two to three substantive complex-engineering activities from your career to the ECs they jointly demonstrate, so the same evidence can later anchor the holistic narrative required by Appendix C.1.
- Identify gaps where evidence is thin or your attainment is below the threshold, so you can either strengthen the evidence or defer the application until you have done so.
- Prepare you for the written examination, the 15-minute presentation, and the 60–90 minute oral interview, all of which probe the same EC1–EC13 set.

2. The GAPC v4 Holistic-Assessment Rule

BPERB Manual §3.0 adopts GAPC v4 §3.4 verbatim: ***"competence must be assessed holistically."*** Three consequences follow for this self-assessment:

- Evidence is drawn from 2–3 substantive complex-engineering activities, not from 13 separate paragraphs. The same project may demonstrate several ECs simultaneously.
- A minimum attainment of Level 3 ("Practising Professional Engineer") is required on EVERY EC. There is no compensation across ECs — a Level 4 on EC4 does not offset a Level 2 on EC7.
- You must demonstrate independent judgement and responsible charge. EC13 (responsibility for decisions) and EC9 (managing complex activity) are non-negotiable.

3. How to Complete this Form

1. List your evidence projects on page 4 (the Evidence Projects Register). Pick 2–3 substantive complex-engineering activities where you were in responsible charge. Give each a short code (P1, P2, P3).
2. For each of EC1 to EC13, read the GAPC v4 descriptor and the indicative evidence prompts, then (a) tick the projects (P1/P2/P3) that demonstrate the EC, (b) write a 60–120 word evidence statement citing concrete decisions, calculations, codes, or outcomes, and (c) self-rate your attainment on the 1–4 scale.
3. Complete the EC-to-Project Coverage Matrix on the penultimate page.
4. Complete the Readiness Summary and the Gap & Action Plan. If any EC is rated below Level 3, do not submit; close the gap first.
5. Sign the Candidate Declaration on the final page.

4. Self-Rating Scale (GAPC v4 — Four Levels of Attainment)

Level	Title	GAPC v4 Descriptor (abbreviated)
1	**Developing**	Aware of the principle but cannot yet apply it independently. Work is closely supervised; outputs are reviewed and corrected before release.
2	**Graduate Engineer**	Applies the principle under guidance to routine problems. Recognises when to escalate. Has not yet been in responsible charge of significant work.
3	**Practising Professional Engineer**	Applies the principle independently to complex problems within own jurisdiction of practice. Has been in responsible charge of significant engineering work and exercises sound judgement.
4	**Leading Practitioner**	Sets direction for others on the principle. Pushes the state of practice through innovation, codes development, mentorship, publication, or professional-body leadership.

Threshold for PEng award: Level 3 or above on every one of EC1–EC13. Level 2 or below on any single EC indicates the candidate is not yet ready and should defer.

5. Evidence Projects Register

List two to three substantive complex-engineering activities you led or contributed to in responsible charge. These will serve as the evidence base for EC1–EC13 throughout the rest of the form.

Code	Project / Activity Title	Role & Period	Complexity Justification (why it is a complex-engineering activity)
P1			
P2			
P3			

Definition (Manual §4.1.2): *A candidate is in responsible charge of significant engineering works when they have (a) planned, designed, coordinated and executed a small project; or (b) undertaken a significant part of a large project with an understanding of the whole; or (c) undertaken novel or complex work responsibilities.*

EC1–EC13 — Self-Rating and Evidence
CPCS A — Knowledge and Understanding

EC1

CPCS A — Knowledge and Understanding

Comprehend and apply advanced knowledge of widely-applied principles underpinning good practice.

Indicative evidence prompts

- Identify the engineering-science principles (mechanics, thermodynamics, soil mechanics, electromagnetics, etc.) you applied to a complex problem.
- Cite the specific theories, models, or formulations used and how you verified their applicability.
- Reference textbooks, standards, or peer-reviewed papers that underpinned the analysis.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

EC2

CPCS A — Knowledge and Understanding

Comprehend and apply advanced knowledge of widely-applied principles underpinning good practice specific to the jurisdiction of practice.

Indicative evidence prompts

- Cite the Bangladeshi codes you applied (e.g., BNBC 2020, RAJUK Imarat Bidhimala, BNBC seismic provisions, BWDB design manuals).
- Explain how local site conditions (e.g., soft deltaic deposits, seismicity, monsoon hydrology) shaped your decisions.
- Identify regulatory authorities involved (RAJUK, DCC/CCC, BWDB, BR, BRTC, etc.) and approvals obtained.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS B — Design, Development and Solving Engineering Problems

EC3

CPCS B — Design, Development and Solving Engineering Problems

Define, investigate and analyse complex problems using data and information technologies where applicable.

Indicative evidence prompts

- How did you frame the problem statement and the boundary conditions?
- What investigations did you commission or perform (soil tests, surveys, monitoring, modelling)?
- Which software / numerical tools did you use (e.g., PLAXIS, ETABS, SAFE, HEC-RAS)? Describe the analysis workflow.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

EC4

CPCS B — Design, Development and Solving Engineering Problems

Design or develop solutions to complex problems considering a variety of perspectives and taking account of stakeholder views.

Indicative evidence prompts

- List alternative concepts considered and the multi-criteria basis on which the chosen solution was selected.
- Identify the stakeholders consulted (client, contractor, community, regulator) and how their views influenced the design.
- Describe the design iterations and how trade-offs (cost, schedule, durability, constructability) were balanced.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

EC5

CPCS B — Design, Development and Solving Engineering Problems

Evaluate the outcomes and impacts of complex activities.

Indicative evidence prompts

- How was the as-built performance verified against design intent (instrumentation, load tests, commissioning)?
- What lessons were captured post-completion and how were they fed back into your or your firm's practice?
- Quantify outcomes (settlement, deflection, capacity, NRW reduction, cost-saving, emissions avoided).

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

EC6

CPCS B — Design, Development and Solving Engineering Problems

Recognise the foreseeable economic, social, and environmental effects of complex activities and seek to achieve sustainable outcomes.

Indicative evidence prompts

- Describe the economic appraisal (BCR, LCC, NPV) you performed or relied on.
- Identify environmental impacts (carbon, water, biodiversity, land take, dredge spoil) and mitigation measures.
- Describe how climate-resilience and disaster-risk reduction (flood, cyclone, liquefaction) were embedded.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS C — Responsibility, Management and Leadership

EC7	CPCS C — Responsibility, Management and Leadership **Meet all legal, regulatory, and cultural requirements and protect public health and safety in the course of all activities.**

Indicative evidence prompts

- List statutes, regulations, and licensing conditions that applied (e.g., Bangladesh Labour Act, Environment Conservation Act, IEB Code of Ethics).
- Describe the HSE plan, permit-to-work system, and incident-reporting protocol.
- Explain how cultural / religious / heritage sensitivities of the site context were addressed.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS E — Personal and Professional Commitment

EC8	CPCS E — Personal and Professional Commitment **Conduct activities ethically.**

Indicative evidence prompts

- Describe a situation where a conflict of interest, bribery pressure, or quality compromise arose, and the action you took.
- How do you align with the IEB Code of Ethics and Appendix B of the BPERB Manual (Rules of Ethics and Conduct)?
- Cite any whistleblowing, refusal to certify, or escalation events.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS C — Responsibility, Management and Leadership

EC9	CPCS C — Responsibility, Management and Leadership **Manage part or all of one or more complex activities.**

Indicative evidence prompts

- State the scope, schedule, and budget you owned; the size of the team you led; and the procurement / contract model used.
- Describe how risks, changes, and interfaces with other disciplines were managed.
- Cite KPIs (cost variance, schedule variance, safety man-hours, defect rate) achieved.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS D — Communication and Interpersonal Skills

EC10	CPCS D — Communication and Interpersonal Skills **Communicate and collaborate using multiple media clearly and inclusively with a broad range of stakeholders in the course of all activities.**

Indicative evidence prompts

- List the deliverables you authored (design report, technical specification, peer-review note, public consultation brief).
- Describe a presentation, workshop, or negotiation you led and its outcome.
- Show evidence of inclusive communication (Bengali / English, non-technical audiences, gender-balanced facilitation).

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS E — Personal and Professional Commitment

EC11

CPCS E — Personal and Professional Commitment

Undertake CPD activities to maintain and extend competences and enhance the ability to adapt to emerging technologies and the ever-changing nature of work.

Indicative evidence prompts

- Summarise CPD hours in the last 12 months (RE: 20h; PEng: 30h; IntPE: 50h — Manual §4.1).
- List structured learning (courses, conferences), self-study, publications, professional-body service.
- Identify emerging technologies (e.g., AI in engineering, performance-based seismic design, low-carbon concrete) you have engaged with.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

CPCS C — Responsibility, Management and Leadership

EC12

CPCS C — Responsibility, Management and Leadership

Recognise complexity and assess alternatives in light of competing requirements and incomplete knowledge. Exercise sound judgement in the course of all complex activities.

Indicative evidence prompts

- Describe a decision made under uncertainty (e.g., variable subsoil, contested load case, incomplete drawings).
- Show how you weighted evidence, applied conservatism, and bounded the residual risk.
- Cite the safety / robustness factor or sensitivity analysis that supported your judgement.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

EC13	CPCS C — Responsibility, Management and Leadership **Be responsible for making decisions on part or all of complex activities.**

Indicative evidence prompts

- Identify decisions for which you were personally accountable (sign-off on drawings, calculations, method statements, NCRs, certifications).
- Describe a moment where you overruled or refused to sign and the basis for it.
- Show the chain of authority and how your accountability was recorded.

Projects evidencing this EC	Self-Rating (1–4)
☐ P1 ☐ P2 ☐ P3	

Evidence Statement (60–120 words) — cite specific decisions, calculations, codes, outcomes

6. EC-to-Project Coverage Matrix

Tick (✓) the cell where a project supplies meaningful evidence for the EC. The bottom row records your final self-rating after considering evidence from all listed projects. This matrix may be copied verbatim into your Appendix C.1 report.

Project ↓ / EC →	EC1	EC2	EC3	EC4	EC5	EC6	EC7	EC8	EC9	EC10	EC11	EC12	EC13
P1													
P2													
P3													
Self-Rating (1–4)													

Coverage rule (GAPC v4): Every EC must be ticked by at least one project, and every column in the Self-Rating row must read 3 or 4.

7. Readiness Summary

A "No" on any item below means you are not yet ready to apply. Close the gap before proceeding to Appendix C.1.

#	Readiness check	Yes / No / NA
A1	IEB-BAETE accredited bachelor's degree (or WA-equivalent route — Manual §4.1.4)	
A2	Current IEB Member or Fellow	
A3	≥ 7 years post-graduation experience (PEng / IntPE) or ≥ 5 years (RE; or 3 yrs post-MSc)	
A4	≥ 2 years in responsible charge of significant engineering work in Bangladesh	
A5	CPD: 20 h (RE) / 30 h (PEng) / 50 h (IntPE) in preceding 12 months — Manual §4.1	
A6	Two sponsors identified (PEng with ≥ 3 yrs tenure OR IEB Fellows with ≥ 10 yrs)	
A7	Two to three complex-engineering activities documented above (P1–P3)	
A8	Every EC1–EC13 self-rated at Level 3 or above	
A9	Familiar with IEB Code of Ethics (Appendix A) and BPERB Rules (Appendix B)	
A10	Prepared to sit a 3-hour written exam and a 60–90 minute oral interview with 15-min presentation	

8. Gap Identification and Action Plan

For every EC self-rated below Level 3, OR every readiness check ticked "No", capture the gap and the action you will take before submission.

EC / Item	Gap description	Action to close the gap (CPD, project, mentoring, publication, etc.)	Target date

9. Candidate Declaration

I confirm that:

- The information recorded in this Self-Assessment Form is, to the best of my knowledge, complete and correct.
- The evidence projects P1–P3 listed are my own work, performed in the roles and periods declared, and I was in responsible charge as defined in §4.1.2 of the BPERB Applicant Manual v4.1.
- I have read and accept the IEB Code of Ethics (Appendix A) and the BPERB Rules of Ethics and Conduct (Appendix B).
- I have not committed plagiarism or collusion, and I understand that doing so may result in a ban from applying for PEng or expulsion from IEB membership.
- I will not contact potential assessors directly or indirectly at any time during the assessment process.

Signature (or full name if no digital signature)	**Date**
_____	_____
Name (block letters)	**IEB Membership No.**
_____	_____

References. *BPERB Applicant Manual for PEng and IntPE Application, Version 4.1 (March 2026), §3.0 Competence Standards, §3.1 CPCS, §3.2 EC1–EC13, §3.3 CPCS-to-EC Mapping, §4.1 Pre-requisites, Appendix A IEB Code of Ethics, Appendix B Rules of Ethics and Conduct, Appendix C.1 Self-Assessment Report. GAPC Version 4 §3.4 ("competence must be assessed holistically"). International Engineering Alliance (IEA) IPEA benchmark of 5+2 years.*

C.2 Sponsor Report

BANGLADESH PROFESSIONAL ENGINEERS REGISTRATION BOARD (BPERB)

Institution of Engineers, Bangladesh (IEB)

Sponsor Report

in support of an application for Professional Engineer (PEng) / IntPE

Aligned with GAPC Version 4 — IPEA 13 Engineering Competencies (EC1–EC13) and the Five Core Professional Competence Standards (CPCS A–E) as set out in BPERB Applicant Manual v4.1 (March 2026), §4.2.3 "Validation of Experience and Character (Sponsors)"

Candidate Full Name	
Candidate IEB Membership No.	
Applying for (keep only one)	Registered Engineer (RE) / National PEng / IntPE
Engineering Discipline	
Sponsor Full Name	
Sponsor IEB Fellowship No.	
Sponsor PEng No.	
Date of this Report	

1. Sponsor Eligibility (Manual §4.2.3)

You may complete this report ONLY if you satisfy at least one of the two eligibility routes below. Tick the box that applies; if neither applies, please decline the sponsorship request and inform the candidate.

☐	**Route A —** I am a registered Professional Engineer (PEng) of BPERB with at least three (3) years of continuous registration tenure.
☐	**Route B —** I am a Fellow of the Institution of Engineers, Bangladesh (FIEB) with at least ten (10) years of standing as a Fellow.

Confirmation of currency. I confirm that I am familiar with the current BPERB review requirements (the BPERB Applicant Manual v4.1, GAPC v4 competence standards, and the IEB Code of Ethics) and that my IEB / PEng status is in good standing on the date of this report.

2. Instructions for the Sponsor

- You must know the candidate personally and professionally for a meaningful period and be able to attest, from your own direct knowledge, that they meet every one of the thirteen Engineering Competencies (EC1–EC13) at the level of a Practising Professional Engineer (Level 3 or above) under GAPC v4.
- Under no circumstances should the candidate complete any part of this report. You may discuss the assessment process with the candidate, but the answers and judgements recorded here must be your own.
- You must review the candidate's complete application bundle — Self-Assessment Report (Appendix C.1), CV, CPD record, project list, certificates — BEFORE signing this report. If you have not reviewed the bundle, do not sign.
- Your statement of support (Section 7) must be between 200 and 600 words and must rest on first-hand knowledge of the candidate's work, character and integrity.
- If, after honest reflection, you believe the candidate is NOT yet competent or NOT yet fit to be admitted as a Professional Engineer, you may decline by ticking "Do not recommend" in Section 8. Declining a sponsorship is a legitimate exercise of professional judgement and is preferred over an unsupported endorsement.
- You must not be a close family relative, business partner, or current direct subordinate of the candidate. Conflicts of interest must be declared in Section 6.
- Submit the completed report through the BPERB online portal using the auto-generated link sent to your registered email, normally within two weeks of the candidate's application. A hard copy in a sealed envelope to the BPERB office is also acceptable.

Warning. If statements made in this report are inaccurate, incomplete or misleading, the IEB Code of Professional Conduct may be deemed breached and disciplinary proceedings may be initiated against you as an IEB member.

3. Sponsor Particulars

Sponsor Full Name		**Office Address**	
Designation / Position		**Email**	
Employer / Organisation		**Mobile / Phone**	
Engineering Discipline of Sponsor		**Years of Professional Experience**	
IEB Membership No.		**Discipline in which you have practised in responsible charge**	
IEB Fellow since (year)		**Are you familiar with current BPERB review requirements? (Yes / No)**	
PEng Registration No. & Year		**Have you sponsored a PEng candidate in the past 24 months? (Yes / No — if yes, how many)**	
Other Professional Memberships (e.g. IntPE, FICE, CEng, PE-State)		**Are you a BPERB PEng Assessor? (Yes / No)**	

4. Professional Association with the Candidate

Describe every period in which you have had direct professional contact with the candidate. The longer and more substantive the association, the stronger the sponsorship.

Total period known (years / months)	
Of which, period worked together on the same project / team	
Are you still in regular professional contact? (Yes / No — frequency)	
Last date you reviewed the candidate's technical work	
Documents reviewed in support of this report (tick all that apply)	☐ C.1 Self-Assessment Report ☐ CV ☐ CPD Record ☐ Project List ☐ Certificates ☐ Sample design / report / drawings

Engagement history with the candidate

#	Period (From – To)	Organisation / Project	Candidate's Role	Your Relationship to the Candidate (e.g. supervisor, peer, client, mentor)
1				
2				
3				
4				

5. Verification of Engineering Competencies (EC1–EC13)

For each EC, confirm — from your own direct knowledge of the candidate's work — whether the candidate demonstrates the competency at the level of a Practising Professional Engineer (Level 3 or above) under GAPC v4. Use the four-level scale below.

Level	Title	GAPC v4 descriptor (abbreviated)
1	**Developing**	Aware of the principle but cannot yet apply it independently; needs supervision.
2	**Graduate Engineer**	Applies the principle under guidance; not yet in responsible charge of significant work.
3	**Practising Professional Engineer**	Applies independently to complex problems; has been in responsible charge; exercises sound judgement. (Threshold for PEng).
4	**Leading Practitioner**	Sets direction for others through innovation, codes development, mentorship, publication or professional-body leadership.

Verification table

EC	Competency (GAPC v4) — confirm the candidate demonstrates this independently	CPCS	Confirmed (Yes / No / N-K*)	Competency Level (1–4)	Initial
EC1	Comprehend and apply advanced knowledge of widely-applied principles underpinning good practice.	A			
EC2	Comprehend and apply advanced knowledge of principles specific to the jurisdiction of practice (Bangladesh codes, standards, regulatory framework).	A			
EC3	Define, investigate and analyse complex problems using data and information technologies where applicable.	B			
EC4	Design or develop solutions to complex problems considering a variety of perspectives and stakeholder views.	B			
EC5	Evaluate the outcomes and impacts of complex activities.	B			
EC6	Recognise the foreseeable economic, social, and environmental effects of complex activities and seek sustainable outcomes.	B			
EC7	Meet all legal, regulatory, and cultural requirements and protect public health and safety in the course of all activities.	C			
EC8	Conduct activities ethically.	E			
EC9	Manage part or all of one or more complex activities.	C			
EC10	Communicate and collaborate using multiple media clearly and inclusively with a broad range of stakeholders.	D			

EC	Competency (GAPC v4) — confirm the candidate demonstrates this independently	CPCS	Confirmed (Yes / No / N-K*)	Competency Level (1–4)	Initial
EC11	Undertake CPD activities to maintain and extend competences and adapt to emerging technologies.	E			
EC12	Recognise complexity and assess alternatives in light of competing requirements and incomplete knowledge; exercise sound judgement.	C			
EC13	Be responsible for making decisions on part or all of complex activities.	C			

*** N-K = Not in a position to know.** Use this where you have no direct evidence of the candidate's practice on a particular EC. If you tick N-K on more than three ECs, you should reconsider whether you have sufficient personal knowledge to act as sponsor.

Holistic rule (GAPC v4 §3.4). Competence must be assessed holistically. The candidate must reach Level 3 on every single EC; a strong rating on one EC does not offset a weak rating on another.

Evidence narrative — by CPCS cluster

In your own words (60–120 words per cluster), describe a specific incident, decision, or deliverable from the candidate's practice that anchors your judgement above.

CPCS cluster	Sponsor's evidence narrative (60–120 words)
CPCS A — Knowledge and Understanding (EC1, EC2) *Evidence of the candidate's technical depth and grasp of jurisdictional codes (e.g. BNBC, RAJUK, BWDB).*	
CPCS B — Design, Development and Solving Engineering Problems (EC3–EC6) *A concrete example of the candidate analysing, designing, evaluating outcomes, and considering sustainability.*	
CPCS C — Responsibility, Management and Leadership (EC7, EC9, EC12, EC13) *Evidence that the candidate manages complex activity, exercises judgement under uncertainty, and is personally accountable for decisions.*	
CPCS D — Communication and Interpersonal Skills (EC10) *Evidence of the candidate's communication across written, oral and stakeholder-facing channels.*	

CPCS cluster	Sponsor's evidence narrative (60–120 words)
CPCS E — Personal and Professional Commitment (EC8, EC11) *Evidence of ethical conduct and active continuing professional development.*	

6. Character, Conduct and Conflict-of-Interest Declarations

Tick "Yes" only where you are confident from personal knowledge. A "No" or blank requires a written note on the next page.

#	Attestation	Agree (Y/N)
B1	The candidate has, to my knowledge, conducted their engineering practice with honesty, integrity and a duty of care to the public.	
B2	I am not aware of any unresolved complaint, regulatory action, or disciplinary finding against the candidate in any jurisdiction.	
B3	I am not aware of any conviction of the candidate for an offence involving fraud, corruption, dishonesty, bribery or harm to the public.	
B4	The candidate has demonstrated commitment to the IEB Code of Ethics and Appendix B (Rules of Ethics and Conduct) of the BPERB Manual.	
B5	The candidate works collaboratively with peers, junior engineers and stakeholders without bias on grounds of gender, religion, ethnicity, disability or social background.	
B6	The candidate would, in my professional judgement, refuse to certify or sign work that did not meet the required standard.	
B7	I have personally witnessed the candidate take responsibility for engineering decisions on which they were the responsible engineer.	

Conflict of interest

☐	I declare that I am NOT a close family relative, business partner, current direct supervisor or current direct subordinate of the candidate.
☐	I declare that I have NO financial, commercial or contractual interest that could be advanced by the candidate's registration as a Professional Engineer.
☐	I declare that I have NOT been approached, instructed or pressured by the candidate or by any third party to provide a favourable report.
	If you cannot tick all three boxes above, describe the nature of the conflict here and explain why a fair assessment is still possible:

Notes on any "No" or blank attestation (Section 6 items B1–B7)

7. Sponsor's Statement of Support (200–600 words)

Write a statement that, in your own words, recommends the candidate for admission as a Professional Engineer. Anchor your statement in specific evidence and avoid generic praise. Suggested structure:

- How and for how long you have known the candidate, and in what capacity.

- A concrete example of complex engineering work where the candidate was in responsible charge.
- Evidence of independent judgement and accountability (EC12, EC13).
- Evidence of ethical conduct (EC8) and continuing professional development (EC11).
- Why, on balance, you believe the candidate is competent and appropriate to be admitted.

Word count must be between 200 and 600 words. Do NOT cut and paste from the candidate's own report.

Statement of Support

8. Overall Recommendation

Tick exactly one box. Your recommendation must be consistent with the EC verification in Section 5 and the statement in Section 7.

☐	**RECOMMEND.** I am fully convinced, from personal knowledge, that the candidate possesses the requisite knowledge, skill, experience and characteristics to be admitted as a Professional Engineer. The candidate meets Level 3 or above on every EC1–EC13.
☐	**RECOMMEND WITH RESERVATION.** I recommend the candidate but have specific reservations on the ECs noted in Section 5 / Section 6. I have set these out in the statement above.
☐	**DO NOT RECOMMEND.** I am not satisfied that the candidate has yet met the GAPC v4 threshold on every EC, OR I am not satisfied as to the candidate's character and fitness. My reasons are set out above.

9. Sponsor's Declaration

I, the undersigned sponsor, declare that:

- I meet the eligibility criteria stated in Section 1 and my IEB / PEng status is in good standing on the date of this report.
- The statements and judgements recorded in this report are based on my own personal knowledge of the candidate and are, to the best of my belief, accurate, complete and not misleading.
- I have personally reviewed the candidate's Competence and Commitment Report (Appendix C.1), CV and supporting documents before signing.
- I have not been instructed, pressured or improperly influenced by the candidate or any third party in completing this report, and I have declared all material conflicts of interest in Section 6.
- I understand that if any statement made here is shown to be inaccurate, incomplete or misleading, I may be subjected to IEB disciplinary proceedings under the IEB Code of Professional Conduct.
- I have not contacted, and will not contact, any potential assessor of this application, directly or indirectly, at any time during the assessment process.

Signature (or full name if no digital signature)	**Date**
Place of signing	**Office seal / Stamp (if available)**

Submission. *Upload this completed and signed report through the auto-generated link sent to your registered email by the BPERB online portal, normally within two weeks of the candidate's application. Hard-copy alternative: submit in a sealed envelope, marked "Sponsor Report — Confidential", to the Registrar, BPERB, IEB Headquarters, Ramna, Dhaka. For portal issues, email registrar@bperb.net and bperb.ieb@gmail.com.*

References. *BPERB Applicant Manual for PEng and IntPE Application, Version 4.1 (March 2026), §3.0 Competence Standards, §3.1 CPCS, §3.2 EC1–EC13, §3.3 CPCS-to-EC Mapping, §4.2.3 Validation of Experience and Character (Sponsors), Appendix A IEB Code of Ethics, Appendix B Rules of Ethics and Conduct. GAPC Version 4 §3.4 ("competence must be assessed holistically").*

C.3 CPD Report Submission Template

CPD Activities Summary

Name:	IEB Membership No.: .....
CPD Activities from ..... to	Reg. Engineer / PEng / IntPE No.: .....

Sl.	CPD Activities / Topics / Title	Organiser / Trainer / Presenter / Mentor	Date & Duration	Hours	Weight Factor	CPD Claimed (hrs)

Total CPD hours =

Note: Please attach certificates of CPD activities. Follow the CPD Guideline on the BPERB website. For seminars, symposiums, conferences, and technical meetings attended, and for self-study activities, complete the CPD Activities Detail Report below.

CPD Activities Detail Report

Seminar / Workshop / Conference / Technical Meeting
Serial No. _____
Topic: _____
Learning Report (100–200 words): _____

Publication
Serial No. _____
Title of Paper: _____
Abstract:

Course
Serial No. _____
Title of Course: _____
Syllabus: _____

Professional Body Activity
Serial No. _____
Name of Committee / Professional Body: _____
Position: _____
Meeting Agenda:_____

Self-Study
Serial No. _____
Topic of Self-Study: _____
Learning Report (300–500 words): _____

I declare that I am actively engaged in engineering practice and that the CPD record above is accurate.

Signature: _____ Date: _____

C.4 PEng/IntPE Application Form — Foreign Professional Engineers

A. Personal Details

1. Name	**2. NID / Passport No.**
3. IEB Membership No.	**4. Date of Birth**
5. Sex	**6. Mobile No.**
7. Email Address	**8. Permanent Address**
9. Present Address	
10. Active Professional Recognition Details: **11. Title and registration number** **12. Original issuing authority (name and address)** **13. Country (must be IPEA full member)** **14. Date received** **15. Validity end date** **16. Area of expertise**	
17. Duration of Professional Experience in Bangladesh	**18. Application Fee Paid (BDT)**
19. Payment Slip Submitted? ☐ Yes ☐ No	

Signature: _____ Date: _____

C.5 IntPE Application Form — National PEng Holders

A. Personal Details

1. Name	**2. NID / Passport No.**
3. IEB Membership No.	**4. Date of Birth**
5. Sex	**6. Mobile No.**
7. Email Address	**8. Permanent Address**
9. Present Address	
10. PEng Details (date received, validity, area of practice)	
11. Duration of Professional Experience	**12. Application Fee Paid (BDT)**
13. Payment Slip Submitted? ☐ Yes ☐ No	

Signature: _____ Date: _____

C.6 Renewal Form — RE / PEng / IntPE

C. Personal Details

1. Name	**2. NID No.**
3. IEB Membership No.	**4. Reg. Engineer / PEng / IntPE No.**
5. Present Address	**6. Mobile No.**
7. Email Address	

D. Renewal Details

8. Titles being renewed (tick all that apply): **☐ RE** **☐ PEng** **☐ IntPE** **9. CPD Submitted? ☐ Yes ☐ No**	**10. Renewal Fee Paid (BDT)**
11. Payment Slip Submitted? ☐ Yes ☐ No	

Signature: _____ Date: _____

C.8 Appeal Form — Reg. Engineer / PEng / IntPE

E. Personal Details

1. Name	**2. NID No.**
3. IEB Membership No.	**4. Reg. Engineer / PEng / IntPE No.**
5. Present Address	**6. Mobile No.**
7. Email Address	

F. Appeal Details

8. Date of BPERB rejection letter **9. BPERB reference number on rejection letter;** **10. Reason for failure as per BPERB notice**	
11. Why do you believe the assessment was not proper? (max 200 words)	
12. Evidence of your claim	**13. Payment Slip Submitted? ☐ Yes ☐ No**

Signature: _____ Date: _____

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