



لمبائك اركيٲيك جوروترا قروفيسيونل دان جورواوكور باهن نكارا بروني دارالسلام
Brunei Darussalam Board of Architects Professional Engineers and Quantity Surveyors

GUIDELINE NO. 5

**ARCHITECTS, PROFESSIONAL ENGINEERS AND QUANTITY SURVEYORS, ORDER 2011
AND
ARCHITECTS, PROFESSIONAL ENGINEERS AND QUANTITY SURVEYORS, RULES 2016**

PART II – SECTION 6 (b)

QUALIFICATION AND EXAMINATION GUIDELINES

**QUALIFICATION AND EXAMINATION COMMITTEE
12th June 2018**

1.0 INTRODUCTION

The Board of Architects, Professional Engineers and Quantity Surveyors (BAPEQS) is a statutory body constituted under the Registration of Architects, Professional Engineers and Quantity Surveyors (APEQS) Order 2011. It was formed on 13th September 2012.

BAPEQS is within the domain of responsibility of the Minister of Development. Vested with wide powers, the Minister may suspend the operation of the Registration of APEQS Order 2011 in any part of Brunei Darussalam by notification in the gazette. The appointment of the Board Members and the Registrar are made by the approval of His Majesty the Sultan and Yang Dipertuan Negara Brunei Darussalam.

Its primary role is to facilitate the registration of engineers and regulate the professional conduct and practice of registered architects, engineers and quantity surveyors in order to safeguard the safety and interest of the public. Furthermore, under the Constitution of Brunei Darussalam (Order made under Article 83(3)), Architects, Professional Engineers and Quantity Surveyor (APEQS) Order, 2011, *PART II, Board of APEQS, Function of Board, 6*. The functions of the Board shall be: "... (b) to hold or arrange for the holding of such examinations as the Board considers necessary for the purpose of enabling persons to qualify for registration under this Order;... (Page 388)" and *PART IV, Registration of APEQS, Qualifications for registration, 17. (1) (c) any person who satisfies the Board that he is otherwise qualified by having proper and recognized training in architecture or who has academic qualifications in professional engineering or quantity surveying and who passes such examinations as may be required by the Board... (Page 399).*

In this document, presented the guidelines of qualification and examination for membership of Architects, Professional Engineers and Quantity Surveyors. This document has been accepted by the Board of APEQS on the 16th January 2017.

2.0 PROFESSIONAL QUALIFICATION RECOGNISED BY BAPEQS

2.1 Recognised Professional Qualifications

2.1.1 Criteria for Accreditation of professional qualifications by the BAPEQS

(a) Professional qualifications which are deemed to be **accepted** by the professional bodies (Architect, Engineering and Quantity Surveyors) for the purpose of registration and licensing are normally recognized or accredited by the Brunei Darussalam National Accreditation Council (BDNAC). However, the Council reserves the right to change its accreditation policy and criteria from time to time in accordance with the needs of the country and domestic regulatory requirements based on BDNAC's accreditation criteria.

(b) The BDNAC's criteria for accreditation of professional bodies are based on:

- *National, Regional and International Recognition/Accreditation*
- *Legal or Statutory Status of the professional body (e.g. it should have Act or Order)*
- *Roles and Responsibilities of the professional bodies (e.g. for the purpose of registration & licensing)*

2.1.2 Professional Institutions & Regulating Authorities recognised by the Board of Architects, Professional Engineers and Quantity Surveyors (BAPEQS)

(a) Architectures

- Pertubuhan Ukur, Jurutera dan Arkitek (Brunei) PUJA (B)
-Professional Assessment Route 1 only
- The Royal Institution of British Architects (RIBA) UK
- The Australian Institute of Architects, Australia
- National Council of Architectural Registration Boards (NCARB), USA
- Architects Education Registration Board (AERB), New Zealand
- Board of Architects Malaysia, Malaysia
- Others*

(b) Engineering

- Pertubuhan Ukur, Jurutera dan Arkitek (Brunei) PUJA (B)
-Professional Assessment Route 1 only
- The Institution of Civil Engineers (ICE), UK
- The Institution of Electrical Engineers (IEE), UK
- The Institution of Mechanical Engineers (IMechE), UK
- The Institute of Engineers Australia (IEAust), Australia
- The Institute of Professional Engineers New Zealand (IPENZ), New Zealand
- Canadian Engineering Accreditation Registration Board (CEARB), Canada
- The Accreditation Board for Engineering and Technology (ABET), USA
- Malaysian Engineers Board, Malaysia
- Others*

(c) Quantity Surveyors

- Pertubuhan Ukur, Jurutera dan Arkitek (Brunei) PUJA (B)
-Professional Assessment Route 1 only
- The Royal Institution of Chartered Surveyors (RICS), UK
- The Australian Institute of Quantity Surveyors (AIQS), Australia
- New Zealand Institute of Quantity Surveyors (NZIQS), New Zealand
- Lembaga Juruukur Bahan Malaysia (LJBM), Malaysia
- The Royal Institution of Surveyors Malaysia (RISM)
- Others*

*BAPEQS will be authorized to add on the list or may consider other professional bodies on case by case.

Notes: As of 17 January 2017 BAPEQS may require candidate to sit for the Professional Competence Examination before they qualify for Registration with BAPEQS.

2.2 Recognised Universities and Institution of Higher Education and Programmes

(REFER TO APPENDIX A)**

**BAPEQS will be authorized to add on the list or may consider other universities and institution of higher education and programmes on case by case.

3.0 PROFESSIONAL COMPETENCE EXAMINATIONS OR ASSESSMENTS

3.1 Introduction

Purpose of the examinations or assessments conducted by Board of Architects, Professional Engineers and Quantity Surveyors (BAPEQS) for Architects, Engineers and Quantity Surveyors (APEQS) is to maintain high standards for registering the Professional APEQS in Brunei Darussalam by advancement and regulation of the practice.

BAPEQS registers the following:

- (a) Architects as Registered Architects (Ar)
- (b) Professional engineers as Registered Engineers (Ir/Er) in the disciplines of civil, electrical, mechanical engineering and other branches of engineering.
- (c) Quantity Surveyor as Registered Quantity Surveyors (Sr)

In order to register a person should acquire the qualifications requirement of BAPEQS. Professional Competence Examination or Assessment is a pathway to acquire the registration as Ar, Ir/Er and Sr.

3.2 ARCHITECTS

3.2.1 Eligibility to Sit for Professional Competence Examination (PCE)

A candidate applying for Professional Competence Examination (PCE) in Architecture should possess the following qualifications:

- (a) A five-year academic qualification in Architecture from University or Institute of Higher Education recognised by Professional Institutions and accepted by BAPEQS

and

- (b) Minimum two (02) years approved experience gained after item (a) which include one (01) year practical experience in Brunei Darussalam.

or

- (c) For candidates who has obtained their professional qualification abroad will be required to show evidence of one year of professional engagement fully residence in Brunei Darussalam.

3.2.2 Structure of PCE

The aim of this PCE is to establish the required level of practical experience, skill, Competence and maturity which an applicant ought to have attained to fulfil his professional duties, responsibilities and obligations while practising his profession as a registered practicing Architect in Brunei Darussalam.

The PCE involves: -

Stage 1 - Submission of application and relevant documentation including:

- i) Log Book
- ii) Personal Evaluation of Professional Experience
- iii) Case Study

Stage 2 - Written examination

Stage 3 - An oral examination

The written examination will test the applicant on the following syllabus:

- i) National Philosophy, Professional Legislation and Professional Bodies.
- ii) Architect's Role in Society
- iii) Architect's Practice
- iv) Building Legislations and Regulations
- v) Building Contract Administration

3.3 PROFESSIONAL ENGINEERS

3.3.1 Eligibility to Sit for Professional Competence Examination (PCE)

A candidate applying for PCE should possess the following qualifications:

- (a) A four year accredited MEng or BEng (Hons) degree or a three year accredited BEng (Hons) degree with an appropriate Masters qualification or any other equivalent qualifications accepted by BAPEQS.

and

- (b) Minimum two (02) years approved experience gained after item (a) which include one (01) year practical experience in Brunei Darussalam.

or

- (c) For candidates who has obtained their professional qualification abroad will be required to show evidence of one year of professional engagement fully residence in Brunei Darussalam.

3.3.2 Structure of PCE

The PCE tests the candidate's Competence in applying his engineering knowledge and experience in professional engineering practice, and his knowledge of the guidelines regulating the practice. The documentation required for submission will be logbook and personal evaluation of professional experience and selected project/technical case studies.

Structure of the examination is as follows:

- (a) A common examination on rules, regulations and ethics (Two hours allocated time to answer 10 compulsory multiple choice questions and 3 out of 5 essay questions)
- (b) Discipline (civil/electrical/mechanical/other branches of engineering) based examination (Four hours allocated time to answer 1 compulsory question and 4 out of 7 questions)
- (c) Interview on the experience report, project and logbook (Two hours allocated time)

3.4 QUANTITY SURVEYOR

3.4.1 Eligibility to Sit for Professional Competence Examination (PCE)

A candidate applying for PCE should possess the following qualifications:

- (a) A three year accredited BSc (Hons)/BQS (Hons) degree or any other equivalent qualifications accepted by the BAPEQS.

and

- (b) Minimum two (02) years approved experience gained after item (a) which include one (01) year practical experience in Brunei Darussalam

or

- (c) For candidates who has obtained their professional qualification abroad will be required to show evidence of one year of professional engagement fully residence in Brunei Darussalam.

3.4.2 Structure of PCE

The PCE ensures that those applying for BAPEQS Membership are competent to practise and meet the high standards of professionalism required by BAPEQS.

The PCE normally consists of:

- a) a period of structured training
- b) a final assessment

The period of experience is based on candidates achieving a set of requirements or competencies. These are a mix of technical and professional practice, interpersonal, business and management skills.

The structure of the PCE is as follows:

- a) A period of structured training to meet Competence requirements for candidates with less than 10 years of relevant experience;
- b) A requirement for continuing professional education (CPE);
- c) Written submission on qualification and employment information
- d) Written submission on summary of experience
- e) Written submission of critical analysis of a project or projects with which candidate has been involved during training;
- f) Final assessment interview

3.5 Fees

The fee for an application to sit for the Professional Competence Examination is \$400.00 to be paid with the application.

3.6 Date of Examination

The dates for the Practice of Professional Bodies Examination or Assessment are:

- (a) Architects - (July/August)
- (b) Civil Engineering - (July/August)
- (c) Electrical Engineering - (TBC)
- (d) Mechanical Engineering - (TBC)
- (e) Quantity Surveyors - (July/August)

3.7 Venue of Examination

The venue will be announced by BAPEQS and successful candidates would be informed.

3.8 Application

Application and payment shall be made BAPEQS secretariat at 1st Floor, Ministry of Development Training Centre (MODTC), Old Airport Road, BB3510, Brunei Darussalam.

All required documents are to be submitted to BAPEQS secretariat within three week after the announcement of successful candidates is made.

3.9 Passing Requirements, Final Results and Notification

- (a) A candidate is required to take all components of examinations or assessment specified under section 3.2.2, 3.3.2 and 3.4.2 above unless he qualifies for an exemption as described in (b) below. Examination or assessment results will be given to candidates on a Pass/Fail basis and no scores or marks will be given to candidates. To obtain a 'Pass' in the examination or assessment, a candidate is required to obtain a pass score in all components of examination or assessment.
- (b) A candidate who has taken all components of examination or assessment when he sits for the professional competence examination and obtains a pass score in only one or two components is deemed to have failed the examination or assessment. However, if the candidate sits for the examination or assessment again within three years of the date of result, candidate would be granted an exemption from the components for which candidate has obtained a pass score. No exemption shall be granted if candidate sits for the examination or assessment again after the exemption period, in which case candidate is required to take all components.

3.10 Examination or Assessment Appeals

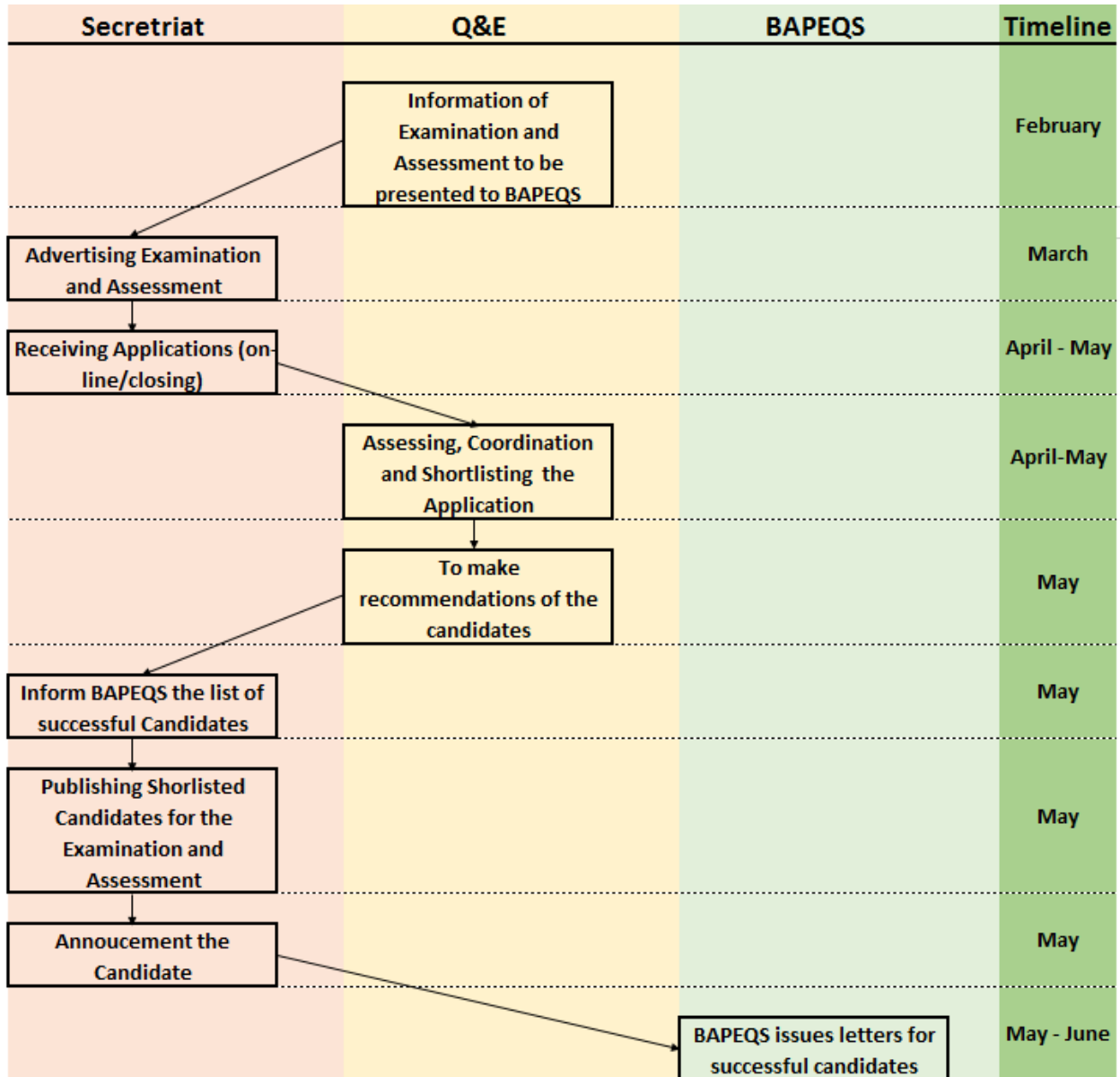
A candidate who has failed the examination assessment may submit a written appeal to review his/her performance together with a payment of \$25. The appeal is to be made within 2 weeks after the receipt of results and late appeals would not be considered. The appeal candidate would not be able to review his examination paper or assessment results.

3.11 Refund of Fees

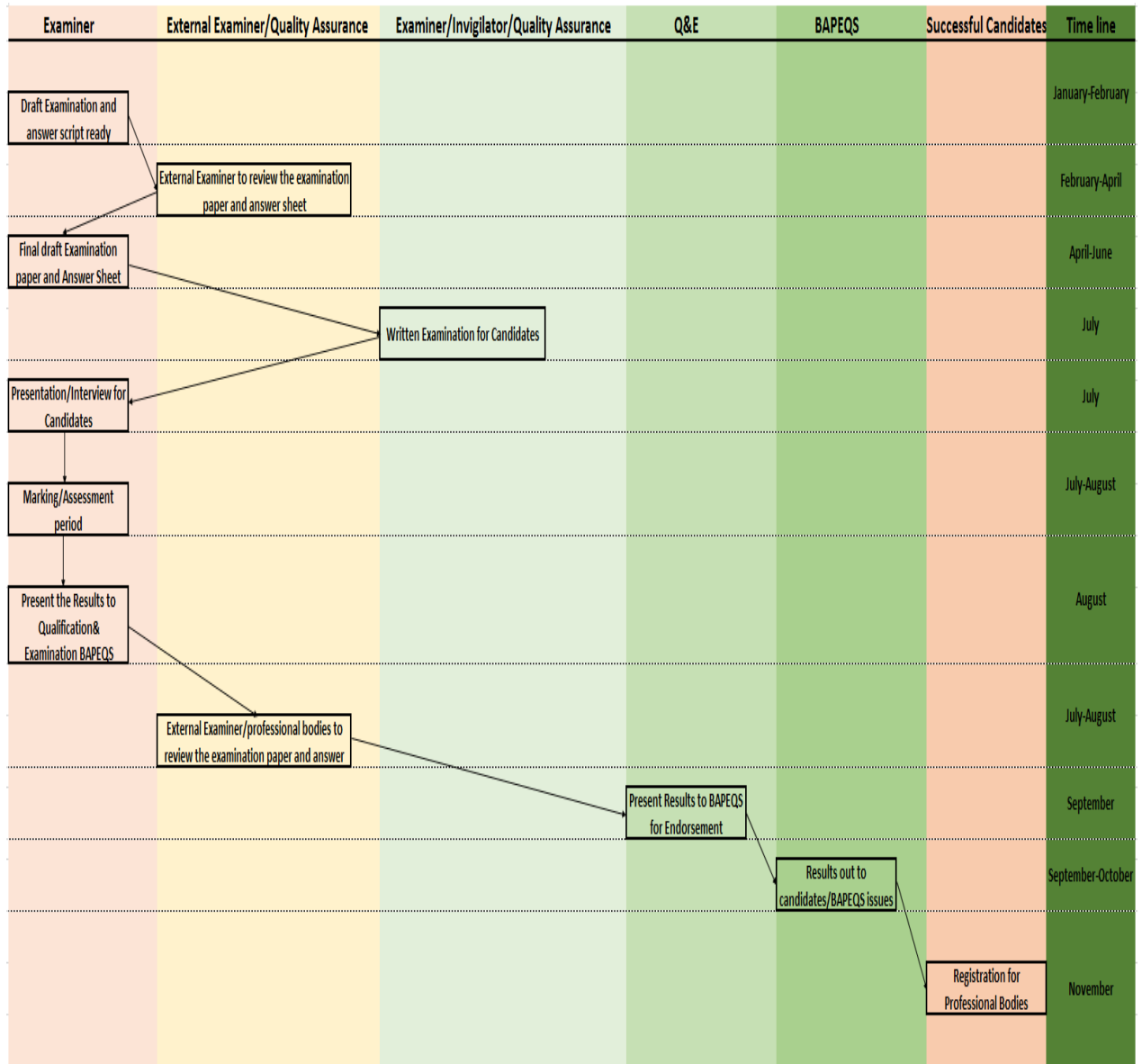
Where a candidate who has been accepted is unable to sit for the examination or assessment, the Board may, at its discretion, refund \$150.00 to the candidate if the candidate inform the Board at least a week before the examination/assessment or submit a medical certificate by email within 2 weeks after the examination or assessment. There will be no refund if the candidate informs the Board less than a week before the examination/assessment or send scanned copy of the medical certificate via email. (email address: apeqs.sec@mod.gov.bn)

4.0 STANDARD OPERATING PROCEDURE

4.1 Advertising and Admission Process Flow for Architects, Professional Engineers and Quantity Surveyors Professional Competence Examination



4.2 General Process Flow for Architects, Professional Engineers and Quantity Surveyors Professional Competence Examination



5.0 APPENDIX A

5.1 Recognised Universities and Institution of Higher Education and Programmes

- End of Document -