

# *Professional Engineer PEng (Nepal)*

## *Information for Reviewers*

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16 JUNE 2017

# Introduction

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The Nepal Engineering Council (NEC) is planning to launch a new Professional Engineer title in Nepal: PEng (Nepal). It is aiming for the title to be equivalent to the professional engineer qualifications recognised by the International Engineers Alliance (IEA).

The launch will be done in a phased manner starting with review and title award through a Senior Experience Route. This will establish a pool of PEng (Nepal) title holders that will then become the first group of mentors and reviewers to support future professional reviews.

To start the process, the NEC require individuals with professional engineer qualifications from any of the IEA member countries listed on the next slide to volunteer to conduct the professional reviews of this first batch of Senior Experience Route applicants.

# IEA Member Countries

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- ❖ Engineers Australia
- ❖ Engineers Canada
- ❖ China Association for Science and Technology
- ❖ Institute of Engineering Education Taiwan
- ❖ Hong Kong Institution of Engineers
- ❖ Indian National Board of Accreditation
- ❖ Engineers Ireland
- ❖ Japan Accreditation Board for Engineering Education
- ❖ Accreditation Board for Engineering Education of Korea
- ❖ Board of Engineers Malaysia
- ❖ Institution of Professional Engineers New Zealand
- ❖ Association for Engineering Education Russia
- ❖ Institution of Engineers Singapore
- ❖ Engineering Council South Africa
- ❖ Institution of Engineers Sri Lanka
- ❖ Association for Evaluation and Accreditation of Engineering Programs, Turkey
- ❖ Accreditation Board for Engineering and Technology, USA
- ❖ Engineering Council United Kingdom

# Eligibility Criteria for first round Reviewers

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- ❖ Must hold a professional qualification from one of the IEA member countries.
  - Provide details of grade and membership number.
  - Please provide copies of membership certificate if possible, or other means of confirming your membership
  - we may need to contact the institution for confirmation of your membership
- ❖ Be willing to give up your time to conduct reviews at no cost. This is likely to be 1 or 2 days for interviews plus a half day for training.
- ❖ Have no conflict of interest in conducting Professional Reviews on behalf of the NEC

# Responsibilities of Reviewers

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The Reviewers will receive training in advance of the review dates to enable them to:

- Assess Senior Experience Route applicants through a structured interview to determine capability against the key criteria and competence profile
- Assess what the applicant has achieved and is capable of with reference to the competence profile
- Use open, probing, and reflective questions to draw the applicant into discussion and encourage them to clearly present their thoughts and achievements.
- Determine whether an applicant has achieved the required depth of experience and has the self-confidence to deliver against the full competence profile

Once training and review dates are confirmed, please update NEC of your availability and block these in your diary.

Reviewers should behave in a professional manner throughout the review process.

# Other provisions

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- ❑ NEC will provide for travel, refreshments and lunch on training and interview days (if required).
- ❑ Reviewers for this first round only
  - do not need to have experience as professional reviewers
  - do not need to be registered as general members of the NEC
  - as this is a short term, unpaid, voluntary role, your visa status is of no concern to NEC

# Who are the Senior Experience Route Applicants ?

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## Criteria for Application

Master's degree in Engineering

Minimum 20 years of professional, post graduate experience

Registered under NEC General category for at least 2 years prior to application

## Application Process

1. **Submit Application:**
  - Application Form
  - NEC certificate of General Registration
  - Curriculum Vitae
  - Reference letter from employer
2. Committee Review of application
3. Interview by relevant sector specialist reviewers
4. Notification of results

Key Criteria:

***Would this applicant,  
when in a position of  
responsibility, now or in  
the near future, make  
the right decision?***



Competence  
Profile:

***Defined by 10  
Development Objectives  
covering technical and  
management aspects of  
engineering work.***

# Development Objectives 1-5

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Refer to PEng “Guidelines for Applicants” for more details:

1. Identify engineering problems and define possible solutions
2. Manage contractual issues
3. Understand, and apply, the relevant procurement act and regulations
4. Control budgets, tasks, people, and resources
5. Bring about continuous improvement through quality management

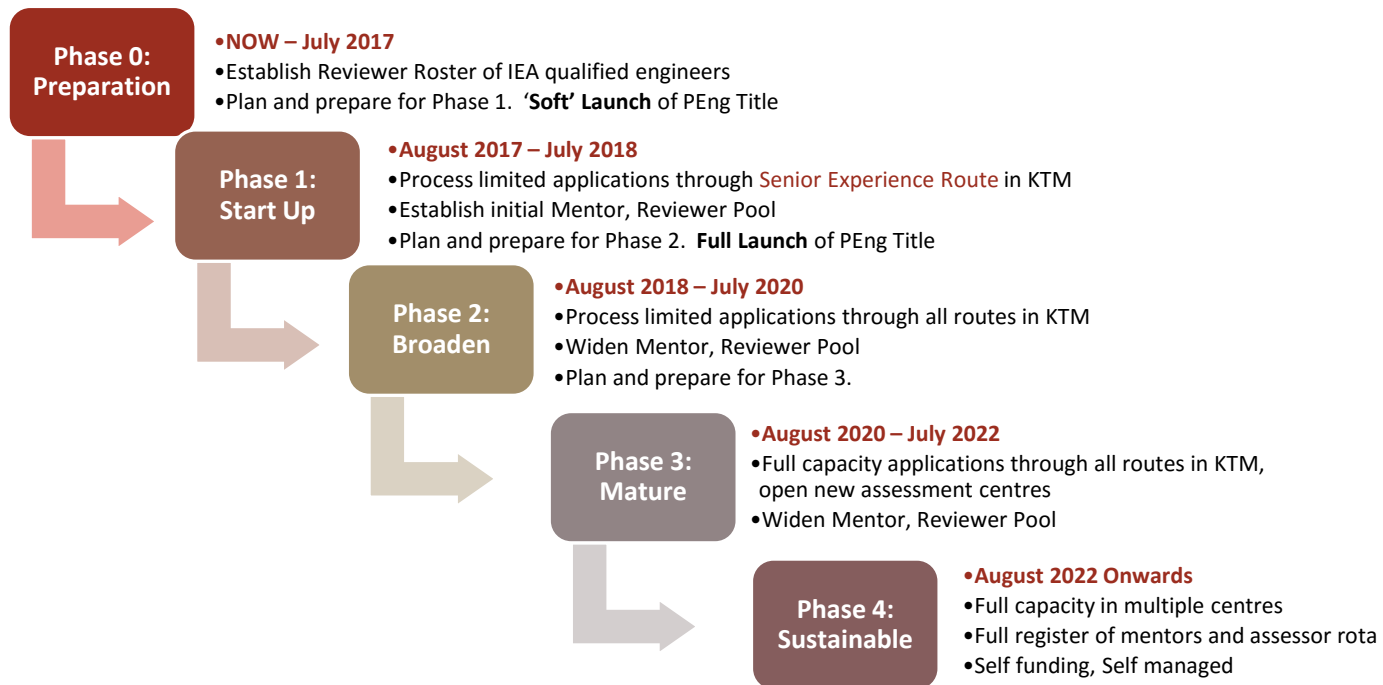
# Development Objectives 6-10

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6. Demonstrate personal and social skills and ability to communicate with others at all levels
7. Comply with relevant codes of conduct
8. Manage and apply safe systems of work
9. Contribute to sustainable development through engineering activities
10. Demonstrate commitment to Continuing Professional Development (CPD)

# Indicative Launch Phasing

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# Phase 1 Launch

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Launch will be phased, starting with a short term **Senior Experience Route** open for one year only

Indicative Review timings:

- **August 2017**
  - Initial group to provide pool of mentors and reviewers for future reviews
  - Reviews conducted by professional engineers qualified by members of the International Engineering Alliance (IEA)
- **January 2018**
  - Second group, reviews conducted jointly by PEng (Nepal) title holders and IEA qualified reviewers
- **July 2018**
  - Third group, reviews conducted by PEng (Nepal) title holders

Senior Experience Route closes August 2018.

# Tentative Dates

Date	Event
W/c 10 <sup>th</sup> July 2017	Reviewer Roster complete, assess capacity to conduct first round Professional Reviews. Issue public notice inviting first round Senior Route Applications
W/c 14 <sup>th</sup> August 2017	Training for Reviewers
W/c 21 <sup>st</sup> August 2017	Interviews for first batch Senior Experience Route applicants
W/c 18 <sup>th</sup> September 2017	Final results confirmed and applicants notified
After Tihar (October) 2017	Title Awards Ceremony, Official PEng Launch Event

Dates are tentative and subject to change. We will confirm dates after we have received reviewer submissions and have more details of their availability and commitments.

W/c = week commencing

# Further Information

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To download PEng related documents and information, including the Reviewer Submission Form, please visit the NEC's Professional Registration web page:

<http://nec.gov.np/page/professional>

If you have any queries, difficulty in downloading from the web page, or to submit your Reviewer Submission Form, please send an email to:

[PEng.Nepal@nec.gov.np](mailto:PEng.Nepal@nec.gov.np)

Or call our PEng administration support on

9840254137