

Prospectus

Title:	Online Competency Assessment
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Purpose:

To provide a clear, defensible, consistent, equitable, transparent and efficient means to assess engineering work experience for licensure.

Benefits:

Contributing to Engineers Canada Goals

- A current framework, standards, practices and systems and a means to effectively transfer knowledge to facilitate regulatory excellence are available to the regulators (E-1).
- Information, systems and agreements to facilitate mobility for registered engineers are available and promoted (E-1.2).
- Information, systems and agreements to facilitate assessment of foreign credentials are available and promoted (E-1.3).
- Stakeholders have evidence that engineers meet high standards, practise with competence and integrity, and that their work and self-regulation benefit society (E-2).
- Sustainable membership of the profession is reflective of Canadian demographics (E-3.1).
- Most graduates from Engineers Canada accredited programs apply for licensure in Canada (E-3.2).
- Regulators and government recognize new areas of engineering practice (E-3.4).

Contributing to Regulators

- Use of an online tool for the assessment of engineering work experience for licensure has the potential to free up regulator resources in this area through automated processing of files.

Vision:

- Applicants can demonstrate that they have the competencies required to practise safely and with integrity.
- The profession uses objective competencies which are necessary for and relevant to the practice of engineering, to protect and serve the public interest.
- Certified assessors conduct objective assessments using the same standards and use the system by 2022.
- Assessments are transferable to all associations.

Principles:

1. Consultative approach with the regulators for design and ongoing enhancements.

2. Optimize the use of available resources from APEGBC.
3. Assessments are in keeping with the Framework for Regulation element [Fairness in Registration Practices](#) and defensible.
4. Assessment results are documented, robust and defensible.
5. System needs:
 - a) supports all applicants using the competencies set out in the following Framework for Regulation elements:
 - [Competencies and Requirements for the Professional Engineering Licence](#)
 - [Competencies and Requirements for the Engineer-in-Training](#)
 - [Competencies and Requirements for the Limited Engineering Licence](#).
 - b) privacy and security
 - c) robust and reliable
 - d) modular, scalable and flexible
6. Training and certification is available for assessors to ensure objectivity, consistency, national standards, proficiency and currency.
7. Disciplined project management approach.
8. Quality assurance and continuous improvement processes are in place.
9. Resources are available for operations, maintenance and ongoing enhancements of the online system.

Stakeholders

Collaboration	QB, NAOG, CEOG Regulators' Boards of Examiners or equivalent Applicant focus groups Assessor focus groups
Inform	Board ESDC

Risks

1. Buy in from regulators.
2. Recruiting of an adequate number of assessors.

Consultation Results

CEO Group confirmed unanimous support of Engineers Canada working with APEGBC to facilitate adoption of APEGBC's system.

Currently 4 participating regulators: Engineers Nova Scotia, Engineers PEI, Engineers & Geoscientists NB, and APEGS, with APEGA also committing to support implementation of a national system.