Policy: Validator Policy for Applicants in Competency-Based Assessment

1. Purpose

1.1. The Purpose of this policy is to outline the requirements for validators of applicants completing the competency-based assessment (CBA) process to obtain professional registration or licensure.

2. Scope

2.1. The policy applies to all interns and Specified Scope of Practice Licensee (SSPL) applicants completing competency-based assessment to obtain professional registration or licensure.

2.2. The Registration Committee reserves the right to make accommodations based on the applicant's file.

3. Policy

3.1. A minimum of **four validators** are required and **a minimum of two must be professional engineers or professional geoscientists (or equivalent)**.

3.1.1. For Specified Scope of Practice License applicants, a limited licensee (Eng.L., Geo.L.) or equivalent, practicing in a similar scope will qualify, subject to confirmation by the Registration Committee.

3.2. Validators nominated by the applicant to verify specific competency examples must have direct personal knowledge of the engineering or geoscience work performed.

3.2.1. This person should be the supervisor, except in exceptional circumstances where prior approval is obtained from the Association.

3.3. At least one validator must be a direct supervisor and share the same discipline or scope of practice as the applicant. Unless requested, no additional reference forms are required to be submitted.

3.4. The validator for each example should be the person who supervised the work the applicant has chosen to use for that competency example.

3.5. A professional engineer can validate geoscience experience and a professional geoscientist can validate engineering experience if the experience falls within the field of the practice of the professional. For example, geological engineers may validate geoscientists since there is overlap in the profession.

3.6. All combined, the validators' first-hand knowledge should cover as much of the applicant's experience as possible.

3.7. Each competency requires one validator, but one validator can verify multiple competencies.

3.8. There is no requirement to assign all the validators to a specific competency; however, validators not assigned to any competencies are asked to provide overall feedback.

3.9. Engineering Competencies

3.9.1. The following thirteen (13) competencies of 34 engineering competencies should be validated by a professional engineer or equivalent who took responsibility for the applicant's work:

- Technical engineering competencies (category 1) (all ten competencies)
  - 1.1 Regulations, Codes and Standards
  - 1.2 Project and Design Constraints
  - 1.3 Risk Identification and Mitigation
  - 1.4 Application of Theory
  - 1.5 Solution Techniques
  - 1.6 Safety Awareness
  - 1.7 Systems and Their Components
  - 1.8 Project and Process Lifecycle
  - 1.9 Peer Review and Quality Control
  - 1.10 Engineering Documentation

- Professional Accountability Competencies
  - 5.1 Code of Ethics
  - 5.4 Professional Liability
  - 5.5 Use of Stamp and Seal

3.10. Geoscience Competencies

3.10.1. The following seven (7) competencies of 29 geoscience competencies should be validated by a professional geoscientist or equivalent who took responsibility for the applicant's work:

- Professionalism Competencies (category 1)
  - 1.1 Regulations, Codes and Standards
  - 1.2 Recognizing Limitations
  - 1.5 Ethics

- Scientific Method Competencies (category 2)
  - 2.1 Scientific Principles
  - 2.4 Quality Assurance
  - 2.5 Scientific Risk Management

- Area of Geoscience Practice Competencies (category 3)
  - 3.7 Adapting Methodologies

3.11. These requirements apply to both professional registration (P.Eng. and P.Geo.) and specified scope of practice licensure (Eng.L. and Geo.L.) pathways.

3.12. For applicants working in the military with no registered professional engineers or geoscientists, the Association recognizes positions based on rank to determine equivalencies. Refer to the EngGeoMB approved military rankings table.

4. Definitions

4.1. "Validators" verify and provide feedback on an applicant's engineering or geoscience experience and the applicant's competency self-assessments.

4.1.1. A validator is typically a supervisor that holds a professional engineer or professional geoscientist designation. A validator may also be colleague, academic, client, or consultant with first-hand knowledge of the work experience.

4.2. A "supervisor" is the person whom the applicant reports to or who signs off on the work.

4.3. "Professional engineer or professional geoscientist (or equivalent)" means a registered professional with an engineering or geoscience regulator, or in countries where the practice of engineering and geoscience are not regulated, is a practitioner of engineering or geoscience, which can be verified through education and work experience.

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