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Members, ~~a~~A ~~m~~Associate ~~m~~Members, ~~p~~P ~~p~~Past ~~p~~Presidents, and ~~e~~E ~~m~~Emeritus ~~m~~Members shall be eligible to serve on any committee or task force. Committee members may continue to serve until the conclusion of the term of office to which they were appointed even if their terms with Member Boards have ended.

#### **Rationale**

The Committee on Licensure has been added to the list of standing committees, as approved by Council at the 2023 annual meeting.

In addition, defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

#### **Board of directors' position**

Endorses, consent agenda

#### **Bylaws Motion 28**

Move that *Bylaws* 7.10 be amended as follows:

**Section 7.10 Committee on Law Enforcement.** The Committee on Law Enforcement shall consist of a chair and members from each zone. At least one member shall be a surveyor. The committee shall receive comments and suggestions from Member Boards regarding ~~s~~State ~~b~~Board regulatory functions and submit recommendations for action to the Board of Directors. The committee will consider and recommend methods for Member Boards to achieve more effective and uniform enforcement of licensing acts and for greater interstate coordination of enforcement actions, including better utilization of available technologies. The committee is responsible for periodically updating the *Investigation and Enforcement Guidelines* to assist Member Boards in investigative techniques, hearing procedures, and settlements.

#### **Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

#### **Board of directors' position**

Endorses, consent agenda

#### **Bylaws Motion 29**

Move that *Bylaws* 7.11 be added as follows and that subsequent sections be renumbered accordingly:

**Section 7.11 Committee on Licensure.** The Committee on Licensure shall consist of a chair and two members from each zone. At least two members of the committee shall be professional engineers, at least two members shall be professional surveyors, and at least one member shall be a member board administrator. Committee appointments shall strive to include those currently active in academia, private practice, industry, and government. In addition, the President shall appoint consultants as necessary.

The chair or a designee of this committee shall be a liaison to the Participating Organizations Liaison Council and to the Committee on Uniform Procedures and Legislative Guidelines and shall provide advice to the President and the Board of Directors.

The committee shall provide ongoing holistic review of the engineering and surveying licensure systems. It shall respond to licensure issues and concerns as they arise by developing and recommending licensure processes and amendments to position statements, the *Model Law*, and the *Model Rules* as necessary.

**Rationale**

The Bylaws Committee worked with the Engineering Licensure Task Force to develop a committee description that adequately serves the purpose of the Licensure Committee. It provides for a forum where a wide range of licensure issues can be addressed and provides connectivity between existing standing committees in addressing licensure-related issues.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 30**

Move that *Bylaws* 7.11 be amended as follows:

**Section 7.11 Committee on Member Board Administrators.** The Committee on Member Board Administrators shall consist of a chair, who shall be a member board administrator; at least two member board administrators from each zone; and two current ~~m~~Members or ~~e~~Emeritus ~~m~~Members ~~of Member Boards~~. The committee shall arrange for the conference of administrators at the Annual Meeting and Interim Meetings of the NCEES zones. Throughout the year, the committee shall strive to provide close cooperation between administrators and to facilitate and assist any efforts by the Member Boards in addressing licensure processes and practices.

**Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

Note: This section will be renumbered from 7.11 to 7.12 if Motion 29 is adopted.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 31**

Move that *Bylaws* 10.01 be amended as follows:

**Section 10.01 Fees.** Member Board annual membership fees are due within 30 days ~~within of~~ receipt of an invoice from NCEES. The fee schedule for Member Boards shall be based on the number of licensees of record as of December of the preceding calendar year.

**Rationale**

A minor wording revision is proposed for clarity.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 32**

Move that *Bylaws* 10.0125 be amended as follows:

**Section 10.0125 Examinees.** Examinees may register and sit for NCEES examinations even when their NCEES ~~m~~Member ~~b~~Board is in arrears.

**Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 33**

Move that *Bylaws* 11.01 be amended as follows:

**Section 11.01 Nominations.** A nomination for the office of President-Elect shall be presented to the Board of Directors by the respective ~~Z~~zone Vice President as voted on by the respective zone at its Zone Interim Meeting. The order of rotation for President-Elect shall be Northeast Zone, Central Zone, Southern Zone, and Western Zone.

Member ~~b~~B~~o~~ards may submit nominations for qualified Treasurer candidates in the third year of the outgoing Treasurer's term. These nominations shall be filed with the Chief Executive Officer not later than 60 days prior to the opening of the Annual Business Meeting.

Any ~~d~~D~~e~~legate shall have the privilege of making nominations for President-Elect and Treasurer from the floor. Such nominees from the floor must meet the requirements set out in Section 4.05 and be seconded by at least four Member Boards.

**Rationale**

A minor wording revision has been proposed for consistency.

In addition, defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 34**

Move that *Bylaws* 12.01 be amended as follows:

**Section 12.01 Adoption.** The *Bylaws* shall become effective upon adoption by the Council at ~~its~~the ~~a~~Annual ~~b~~B~~u~~siness ~~m~~M~~e~~eting. For such adoption, a two-thirds affirmative vote of the ~~m~~Member ~~b~~B~~o~~ards present and in good standing shall be required.

**Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

**Board of directors' position**

Endorses, consent agenda

**Bylaws Motion 35**

Move that *Bylaws* 12.02 be amended as follows:

**Section 12.02 Amendments.** The *Bylaws* may be amended at any ~~a~~Annual ~~b~~B~~u~~siness ~~m~~M~~e~~eting by a two-thirds affirmative vote of the ~~m~~Member ~~b~~B~~o~~ards present and in good standing. Any amendment proposed shall be sent to a Special Committee on Bylaws by the President at the President's initiative or as requested based on action by the Council. Any amendments recommended by a Special Committee on Bylaws shall be submitted to all ~~m~~Member ~~b~~B~~o~~ards at least 60 days prior to the date of the earliest zone meeting preceding the next ~~a~~Annual ~~b~~B~~u~~siness ~~m~~M~~e~~eting. Voting shall be by sections. All sections shall be considered in their proposed form, including punctuation and verbiage. Changes to the published amendments will not be permitted during the ~~a~~Annual ~~b~~B~~u~~siness ~~m~~M~~e~~eting. Copies of the proposed amendments to be voted upon shall be distributed in written form to ~~d~~D~~e~~legates at the ~~a~~Annual ~~b~~B~~u~~siness ~~m~~M~~e~~eting.

**Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

**Board of directors' position**

Endorses, consent agenda



**Bylaws Motion 36**

Move that *Bylaws* 12.021 be amended as follows:

**Section 12.021 Effective Date of Amendments.** An amendment to the *Bylaws* shall become effective upon certification by the presiding officer at the ~~a~~Annual ~~b~~Business ~~m~~Meeting of a two-thirds affirmative vote of the ~~m~~Member ~~b~~Boards in good standing represented.

**Rationale**

Defined terms are capitalized throughout the *Bylaws*. Whenever these capitalized terms are used in the *Bylaws*, the definitions automatically apply, eliminating the need for additional explanation at each location.

**Board of directors' position**

Endorses, consent agenda

**Northeast Zone (1 motion)****NZ Motion 1**

Move that the Committee on Uniform Procedures and Legislative Guidelines be charged with incorporating the following language into *Model Law* 130.10 B and to make additional modifications throughout the *Model Law* and *Model Rules* to include the general premise that an ETAC/ABET degree is allowed to satisfy the education requirements for engineering licensure.

**130.10 General Requirements for Licensure****B. Engineering****1. Certification or Enrollment as an Engineer Intern**

The following shall be considered as minimum evidence that the applicant is qualified for certification as an engineer intern.

- a. Graduating from an engineering program of four years or more accredited by the Engineering Accreditation Commission of ABET (EAC/ABET), graduating from an engineering master's program accredited by EAC/ABET, graduating from an engineering technology program of four years or more accredited by the Engineering Technology Accreditation Commission of ABET (ETAC/ABET), or meeting the requirements of the NCEES *Engineering Education Standard*
- b. Passing the NCEES Fundamentals of Engineering (FE) examination

**2. Licensure as a Professional Engineer**

The board may designate a professional engineer as being licensed in a specific discipline or branch of engineering, signifying the area in which the engineer has demonstrated competence.

**a. Initial Licensure as a Professional Engineer**

An applicant who presents evidence of meeting the applicable education, examination, and experience requirements as described below shall be eligible for licensure as a professional engineer.

**(1) Education Requirements**

An individual seeking licensure as a professional engineer shall possess one or more of the following education qualifications:

- (a) A degree in engineering from an EAC/ABET-accredited bachelor's program
- (b) A degree in engineering from an EAC/ABET-accredited master's program
- (c) A degree in engineering technology from an ETAC/ABET-accredited bachelor's program
- (ed) A bachelor's, master's, or doctoral degree in engineering from a non-EAC/ABET-accredited program. This individual's education must be shown to meet the NCEES *Engineering Education Standard*.

**(2) Examination Requirements**

An individual seeking licensure as a professional engineer shall take and pass the NCEES Fundamentals of Engineering (FE) examination and the NCEES Principles and Practice of Engineering (PE) examination, and any jurisdiction-specific examination.

**(3) Experience Requirements**

An individual seeking licensure as a professional engineer shall present evidence of a specific record of four years of progressive engineering experience after a qualifying degree is conferred as described in a(1)(a), a(1)(b), or a(1)(d) above or evidence of a specific record of six years of

progressive engineering experience after a qualifying degree is conferred as described in a(1)(c).

This experience should be of a grade and character that indicate to the board that the applicant may be competent to practice engineering. The following educational criteria may apply as a substitute to the length of experience set forth above:

(a) An individual with a master's degree in engineering acceptable to the board: three years of experience after the qualifying bachelor's degree is conferred as described in a(1)(a) or a(1)(~~ed~~) above

(b) An individual with a master's degree in engineering acceptable to the board: five years of experience after the qualifying bachelor's degree is conferred as described in a(1)(c) above

~~(b)~~(c) An individual with an earned doctoral degree in engineering acceptable to the board and who has passed the FE exam: two years of experience

(~~ed~~) An individual with an earned doctoral degree in engineering acceptable to the board and who has elected not to take the FE exam: four years of experience

A graduate degree that is used to satisfy education requirements cannot be applied for experience credit toward licensure. To be eligible for experience credit, graduate degrees shall be relevant to the applicant's area of professional practice.

Experience credit for a graduate degree cannot be earned concurrently with work experience credit.

### **Rationale**

Throughout the Northeast Zone, the ETAC/ABET degree is accepted as a valid qualification for licensure together with meeting experience requirements. All jurisdictions in the zone accept the four-year ETAC/ABET degree, except the District of Columbia, which follows the *Model Law*.

The jurisdictions in the Northeast Zone have found practicing engineers with an ETAC/ABET degree to be equally competent to professional engineers with an EAC/ABET degree.

The American Society for Engineering Education (ASEE) strongly endorses the acceptance of the ETAC/ABET baccalaureate degree and notes that a 2017 report by the National Academy of Engineering indicates that ETAC/ABET baccalaureate programs have significantly more economically disadvantaged students than EAC/ABET engineering programs and the lack of a clear pathway to licensure erects an unnecessary barrier to full participation in the engineering profession.

The proposed change acknowledges the prevalence of practicing professional engineers with an ETAC/ABET degree throughout the nation. The National Society of Professional Engineers (NSPE) reported in 2018 that there were 40 jurisdictions that have a path for ETAC/ABET degree holders. Adjusting the *Model Law* to reflect current practice will promote comity and decrease barriers to mobility among states. This change will provide an opportunity for jurisdictions that currently do not recognize ETAC/ABET degrees for licensure to amend their laws and accept these degrees.

### **Board of directors' position**

Endorses, non-consent agenda