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MINISTRY OF ADVANCED EDUCATION  
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MINISTRY OF ADVANCED EDUCATION  
CORRESPONDENCE & RESEARCH UNIT

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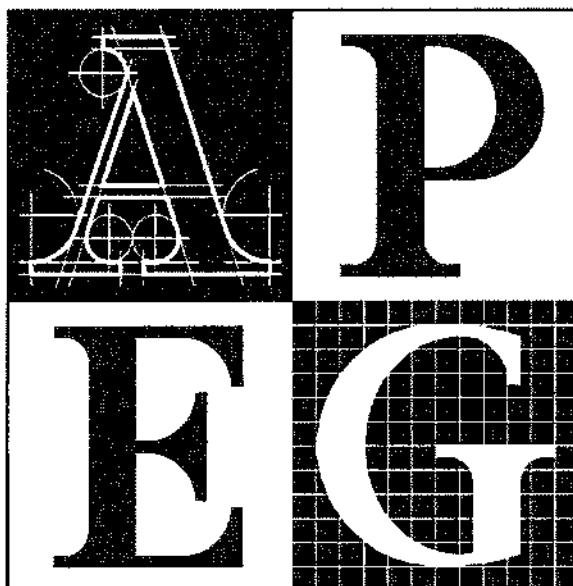
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Professional Engineers  
and Geoscientists of BC

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**Bylaw Amendments 2010**  
**Background Information**

This fall members are being asked to ratify three bylaw amendments. They are:

1. Bylaw 9(b) – Accounts, financial statements and audit
2. Bylaw 10(c) – Non-Practising Member
3. Bylaw 14(b) – Quality Management

#### **Bylaw 9(b) – Accounts, financial statements and audit**

The current Bylaw 9(b) requires the auditor's report, financial statements and a report of the executive director as to the state of the affairs of the association to be ~~sent~~ to all members at least 15 days prior to the annual meeting. Currently the Association carries out the requirement of the bylaw by posting a copy of the annual report on the website and sending a link to the report by e-mail to all members who have provided the Association with an email address and by a sending a hard copy of the report to registered members who have not provided an email address. Any member may also request a hard copy of the report if they prefer to receive it in that format.

Currently over 2,500 reports are printed and mailed each year due to the obligation to "send" a copy to each registered member. With the technological advances that have occurred since this bylaw was first written, it is now possible for members to easily access the report without the need for a copy to be sent directly to them. Council is therefore seeking amendment of the bylaw to remove the obligation to send a copy to each member and instead to make the report available within the prescribed timeframe so that those who wish to access it can do so.

Should the bylaw be approved, members will still be advised via e-mail and through *Innovation* magazine of the availability of the electronic copy of the annual report, and print copies will continue to be made available to those members who request them. It is expected that this change in process will require far fewer annual reports to be printed and mailed; resulting in significant cost savings for the Association.

#### **Current Bylaw with additions and deletions – 9(b) Accounts, financial statements and audit**

- 9 (b) The financial year shall be July 1 to June 30. Financial statements shall be drawn up annually for the year ending June 30 and such financial statements, together with the books of the association, shall be audited annually by an accountant appointed by the members. A report duly signed by such auditor shall be presented to the members, and council shall cause such report, together with the financial statements of the association, to be ~~sent~~ made available to all registered members at least 15 days prior to the annual meeting. These reports shall be accompanied by a report of the executive director as to the state of the affairs of the association.

#### **Proposed Bylaw Wording to Replace Current Bylaw – 9(b) Accounts, financial statements and audit**

- 9 (b) The financial year shall be July 1 to June 30. Financial statements shall be drawn up annually for the year ending June 30 and such financial statements, together with the books of the association, shall be audited annually by an accountant appointed by the members. A report duly signed by such auditor shall be presented to the members, and council shall cause such report, together with the financial statements of the association, to be made available to all registered members at least 15 days prior to the annual meeting. These reports shall be accompanied by a report of the executive director as to the state of the affairs of the association.

## Bylaw 10(c) – Non-Practising Member

Currently Bylaw 10(c) requires all members who earn income from employment or self-employment to retain their practising status regardless of whether they still practise professional engineering or professional geoscience. Council has approved changes to this bylaw to allow those who earn income from employment or self employment to move to non-practising status as long as they do not practise professional engineering or professional geoscience. Member ratification is being sought for these amendments.

The following benefits will be realized from allowing those who no longer practise professional engineering or professional geoscience to obtain non-practising status:

- Easier identification by the public and the Association of who is a current practitioner and who is not;
- Removal of the requirement to abide by the *Return to Practice Policy* for members who wish to return to active employment **outside** of professional engineering or professional geoscience. Information on the *Return to Practice Policy* can be found at [www.apeg.bc.ca/reg/pengpgeoreinstate.html](http://www.apeg.bc.ca/reg/pengpgeoreinstate.html); and
- Automatic exclusion from quality assurance programs such as practice review and continuing professional development rather than requiring those who are employed, but not practising engineering or geoscience to demonstrate why these programs should not apply.

The decision to move to non-practising status will reside with the member should he/she meet the criteria of the amended bylaw. The current bylaw requires non-practising members to note their non-practising status when using their designation. The bylaw amendment will permit non-practising members to use the titles PEng and PGeo without the requirement to note "non-practising," though these members will be identified as non-practising in the online searchable member directory. Non-practising members will also retain the right to vote and to hold elected office

Further information on the reasons for this proposed bylaw change can be found in the July/August issue of *Innovation* (page 11) or at [http://www.apeg.bc.ca/about/council/non\\_practisinginfo.html](http://www.apeg.bc.ca/about/council/non_practisinginfo.html).

### Current Bylaw with additions and deletions – 10(c) Non-practising member

10 (c) Council may grant non-practising membership to a member who is in good standing and who

~~(1) is out of the workforce with no income from employment or self employment; and~~

~~(2) commits in writing to Council not to engage in the practice of professional engineering or professional geoscience until released from the commitment by Council in writing.~~

Members granted non-practising status shall retain voting privileges. ~~They may also use the title P.Eng. (Non Practising) or P.Geo. (Non Practising).~~ Non-practising members who apply for practice ~~practising~~ status shall be required to pay the applicable fees set by Council and to demonstrate compliance with the current requirements in the Act and bylaws for registration as a member.

### Proposed Bylaw Wordings to Replace Current Bylaw – 10(c) Non-practising member

10 (c) Council may grant non-practising membership to a member who is in good standing and who commits in writing to Council not to engage in the practice of professional engineering or professional geoscience until released from the commitment by Council in writing.

Members granted non-practising status shall retain voting privileges. Non-practising members who apply for practising status shall be required to pay the applicable fees set by Council and to demonstrate compliance with the current requirements in the Act and bylaws for registration as a member.

## Bylaw 14(b) – Quality Management

In April 1991, the APEGBC Special Review Committee, as one of the 12 recommendations responding to the Closkey Commission Inquiry Report on the 1988 Station Square Roof Collapse, recommended “that members and engineering firms shall establish a quality assurance program for their engineering practice.” Elements of the quality assurance program included that professional engineers maintain a complete design file, obtain a thorough review of designs and, in particular, a review of structural designs by a professional engineer not involved in the design, and that members ensure that field reviews of their projects are carried out by a member or licensee. Bylaw 14(b), Quality Management, was subsequently prepared and approved by membership ballot in the summer of 1992 and came into force on November 16, 1992.

Council is seeking member ratification of amendments to bylaw 14(b) to bring improved clarity to the use and application of the specific provisions. These amendments will:

- Detail the appropriate documentation that must be retained in a file relevant to a particular engineering or geoscience project;
- Specify regular, documented checks of all engineering and geoscience work, instead of being specific only to design;
- Confine the requirement to conduct field reviews to domestic projects; and
- Clarify the scope of the concept review of structural designs.

The following provides further detail on the above points:

**Retention of Project Documentation** – Under Bylaw 14(b)(1), members must retain complete design and review files for their projects for a minimum of 10 years. The concern is that the current bylaw is too specific to the retention of design and review files only; instead, it should recognize the importance of retaining in a file all the appropriate documentation that is relevant to a particular engineering or geoscience project.

**In-house Checking** – Bylaw 14(b)(2) specifies that members must include in-house checks of their designs as a standard procedure. The concern is that the bylaw should be broader in scope by reinforcing the importance of carrying out regular and documented checks of various products prepared or delivered by professional engineers and geoscientists in their professional capacity (e.g., reports, technical recommendations, professional opinions and assessments).

**Concept Reviews of Structural Designs** – Bylaw 14(b)(3) stipulates that concept reviews of structural designs must be performed by members or licensees not originally involved in the designs. The Structural Engineers Association of BC (SEABC) recommended that the current concept review bylaw be revised to clarify its intent, and that its general authority be made broader in scope so that a wide range of practice issues related to how independent structural reviews are completed can be more appropriately dealt with and clarified in a guideline document.

**Field Reviews** – Bylaw 14(b)(4) requires that field reviews of a project be performed by members or licensees. The main concern raised is that where BC engineers or geoscientists are involved in projects located outside Canada, in most instances there is no APEGBC member or licensee available to conduct the field reviews. This situation is not as much of an issue for engineering or geoscience projects located within Canada. As such, it is recommended that the bylaw wording specifically refer to field reviews of domestic projects.

Revisions to the existing quality management bylaws to address the issues identified above were drafted by a working group and reviewed by APEGBC practice committees: the Geoscience Committee, the Practice Review Committee, the Consulting Practice Committee, the Building Codes Committee, and the Building Envelope Committee.

#### **Current Bylaw - 14(b) Quality management**

14 (b) Members and licensees shall establish quality management processes for their practices which shall include, as a minimum:

- (1) retention of complete design and review files for their projects for a minimum period of 10 years;
- (2) in-house checks of their designs as a standard procedure;
- (3) concept reviews of their structural designs by members or licensees not originally involved in the designs;
- (4) field reviews, by members or licensees, of their projects during construction.

Concept reviews under (3) above shall be in addition to any checks which are undertaken under (2) above. These reviews shall evaluate the structural designs to determine if the structural concepts appear complete, consistent, and in general compliance with the appropriate codes. Representative samples of the individual elements shall be checked to evaluate the analysis, design and detailing procedures used by the design engineer.

#### **Proposed Bylaw Wording to Replace Current Bylaw - 14(b) Quality management**

14 (b) Members and licensees shall establish and maintain documented quality management processes for their practices, which shall include, as a minimum:

- (1) retention of complete project documentation which may include, but is not limited to, correspondence, investigations, surveys, reports, data, background information, assessments, designs, specifications, field reviews, testing information, quality assurance documentation, and other engineering and geoscience documents for a minimum period of 10 years;
- (2) regular, documented checks of engineering and geoscience work using a written quality control process appropriate to the risk associated with the work;
- (3) documented field reviews by, or under the direct supervision of, members or licensees, of their domestic projects during implementation or construction;
- (4) documented independent review of structural designs prior to construction by members or licensees having appropriate experience in designing structures of a similar type and scale, and not involved in preparing the design. The reviewer shall examine representative samples of the structural assumptions, continuity of gravity and lateral load paths, stability and detailing. Where appropriate, the reviewer shall perform numerical calculations on a sample of gravity and lateral force resisting elements necessary to satisfy any reviewer concerns. The extent of the review shall be determined by the reviewer based on the progressive findings of the review. This review and any follow up action must be completed before the documents are issued for construction.

The independent review of structural designs shall evaluate the construction documents to determine if the structural systems appear complete, consistent, and in general compliance with applicable codes. The structural review may be part of, but is not intended to replace, the regular checks required in 14(b)(2).

Independent review of each instance of repetitive designs of individual structural components is not required, but documented initial independent review and independent review at intervals is required to confirm the maintenance of design quality.

- 9 (b) The financial year shall be July 1 to June 30. Financial statements shall be drawn up annually for the year ending June 30 and such financial statements, together with the books of the association, shall be audited annually by an accountant appointed by the members. A report duly signed by such auditor shall be presented to the members, and council shall cause such report, together with the financial statements of the association, to be made available to all registered members at least 15 days prior to the annual meeting. These reports shall be accompanied by a report of the executive director as to the state of the affairs of the association.

***I duly certify that this is a true copy of amended Bylaw 9(b) approved by the members of  
The Association of Professional Engineers and Geoscientists of British Columbia on  
October 8, 2010.***



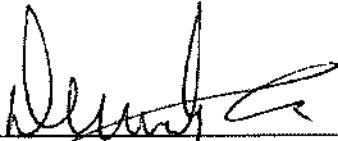
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Russ Kinghorn, P.Eng.  
President

18 October 2010

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Date



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Derek Doyle, P.Eng.  
Executive Director and Registrar

19 October, 2010

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Date

- 10 (c) Council may grant non-practising membership to a member who is in good standing and who commits in writing to Council not to engage in the practice of professional engineering or professional geoscience until released from the commitment by Council in writing.

Members granted non-practising status shall retain voting privileges. Non-practising members who apply for practising status shall be required to pay the applicable fees set by Council and to demonstrate compliance with the current requirements in the Act and bylaws for registration as a member.

***I duly certify that this is a true copy of amended Bylaw 10(c) approved by the members of The Association of Professional Engineers and Geoscientists of British Columbia on October 8, 2010.***



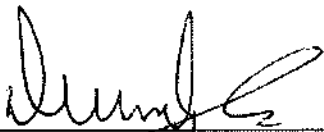
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Russ Kinghorn, P.Eng.  
President

18 October 2010

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Date



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Derek Doyle, P.Eng.  
Executive Director and Registrar

19 October 2010

---

Date



- 14 (b) Members and licensees shall establish and maintain documented quality management processes for their practices, which shall include, as a minimum:
- 1) retention of complete project documentation which may include, but is not limited to, correspondence, investigations, surveys, reports, data, background information, assessments, designs, specifications, field reviews, testing information, quality assurance documentation, and other engineering and geoscience documents for a minimum period of 10 years;
  - 2) regular, documented checks of engineering and geoscience work using a written quality control process appropriate to the risk associated with the work;
  - 3) documented field reviews by, or under the direct supervision of, members or licensees, of their domestic projects during implementation or construction;
  - 4) documented independent review of structural designs prior to construction by members or licensees having appropriate experience in designing structures of a similar type and scale, and not involved in preparing the design. The reviewer shall examine representative samples of the structural assumptions, continuity of gravity and lateral load paths, stability and detailing. Where appropriate, the reviewer shall perform numerical calculations on a sample of gravity and lateral force resisting elements necessary to satisfy any reviewer concerns. The extent of the review shall be determined by the reviewer based on the progressive findings of the review. This review and any follow up action must be completed before the documents are issued for construction.

The independent review of structural designs shall evaluate the construction documents to determine if the structural systems appear complete, consistent, and in general compliance with applicable codes. The structural review may be part of, but is not intended to replace, the regular checks required in 14(b)(2).

Independent review of each instance of repetitive designs of individual structural components is not required, but documented initial independent review and independent review at intervals is required to confirm the maintenance of design quality.

***I duly certify that this is a true copy of amended Bylaw 14(b) approved by the members of  
The Association of Professional Engineers and Geoscientists of British Columbia on  
October 8, 2010.***



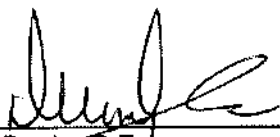
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Russ Kinghorn, P.Eng.  
President

18 October 2010

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Date



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Derek Doyle, P.Eng.  
Executive Director and Registrar

19 October 2010

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Date



Our Ref. 78832

Mr. Derek Doyle, P.Eng.  
Executive Director and Registrar  
Association of Professional Engineers and Geoscientists  
of the Province of British Columbia  
200 – 4010 Regent Street  
Burnaby BC V5C 6N2

Dear Mr. Doyle:

Thank you for your correspondence dated October 18, 2010, addressed to the Honourable Moira Stilwell, Minister of Advanced Education and Labour Market Development, enclosing certified copies under seal of proposed amendments to the Bylaws of the Association of Professional Engineers and Geoscientists of BC (APEGBC) that were ratified by the membership of the Association.

Effective October 25, 2010, the *Engineers and Geoscientists Act* is administered by the Ministry of Science and Universities, and I am very pleased to be able to continue working with APEGBC.

As you are aware, section 11 of the *Engineers and Geoscientists Act* provides that a bylaw of the Association must be ratified by at least two-thirds of votes cast by the members, and then filed with the minister within 14 days after ratification. Section 11(3) provides that such bylaws may be disallowed by the Lieutenant Governor in Council within 45 days after filing.

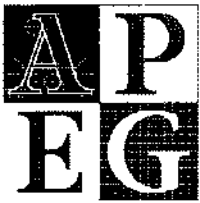
The proposed amendments to Bylaws 9(b), 10(c), and 14(b) were submitted in accordance with the Act. Ministry staff have reviewed these amendments to the bylaws and as there are no public policy or legal issues of concern, I do not intend to recommend disallowance to the Lieutenant Governor in Council.

Thank you again for your submission of the bylaw package.

Sincerely,

Ida Chong, FCGA  
Minister

pc: Honourable Minister Stilwell, MD FRCP (C)  
Minister of Regional Economic and Skills Development



Professional Engineers  
and Geoscientists of BC

200 - 4010 Regent Street, Burnaby, BC V5C 6N2  
T. 604-430-8035 | F. 604-430-8085 | 1-888-430-8035  
www.apeg.bc.ca

October 5, 2011

**BY COURIER**

The Honourable Naomi Yamamoto  
Minister of Advanced Education  
PO Box 9059, Stn Prov Govt  
Victoria, BC V8W 9E2

MINISTRY OF ADVANCED EDUCATION			
CLIFF NUMBER <u>89158</u>		REFER TO	
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Dear Minister Yamamoto:

**RE: ENGINEERS AND GEOSCIENTISTS ACT – BYLAWS OF THE ASSOCIATION**

In accordance with Section 11 of the *Engineers and Geoscientists Act*, attached are true copies of amended Bylaws duly certified under the seal of the Association. We request that they be brought to the attention of the Lieutenant Governor in Council.

The proposed amended Bylaws were submitted by electronic and letter ballot to the members of the Association of Professional Engineers and Geoscientists of British Columbia in September, 2011. The changes to Bylaws 10(f) and 11(e) were ratified by 93.1% and 84.9% of the voting members, respectively.

Also enclosed is a copy of the submission to the members that accompanied the ballot form with explanations for the proposed changes.

In accordance with Section 11(3), any Bylaw may be disallowed by the Lieutenant Governor in Council within 45 days after this filing of the Bylaw changes.

Yours truly,

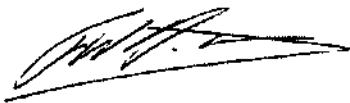
Derek Doyle, P. Eng.  
CEO and Registrar

Enclosures

cc Tony Loughran, Exec. Director, Governance and Quality Assurance Branch, MAVED

10 (f) If a member desires to resign, notification must be made to the registrar in a manner determined by the council. Upon resignation being accepted by the registrar, membership in the association shall cease.

***I duly certify that this is a true copy of amended Bylaw 10(f) approved by the members of The Association of Professional Engineers and Geoscientists of British Columbia on September 30, 2011.***



Frank Denton, P.Eng.  
President



Derek Doyle, P.Eng.  
CEO and Registrar

October 5, 2011

11 (e) Registration as a member of the association shall be granted to an applicant who has satisfied all the requirements in the Act and submitted evidence, in the approved format, satisfactory to the council, that the applicant:

(1) (a) has graduated in applied science, engineering or geoscience from an institute of learning approved by the council in a program approved by the council; or

(b) has the equivalent of:

(i) a university-level bachelors degree in applied science or engineering, from an institution of learning not approved by the council, or in a program not approved by the council, but has passed:

(A) examinations, assigned by the council from the syllabus published by the council, in the discipline of engineering of the applicant's degree, that demonstrates the applicant's knowledge is equivalent to the knowledge of those who have graduated from an institute of learning approved by the council in a program in applied science or engineering approved by the council; or

(B) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council; or

(ii) 4 years of full-time post-secondary education in applied science, engineering, geoscience, science, or technology, and has demonstrated equivalency to graduation from an institute of learning approved by the council in a program in applied science, engineering or geoscience approved by the council, by passing the council assigned:

(A) examinations or coursework from the syllabus, published by the council, applicable to the discipline in which the applicant wishes to be examined, to address deficiencies in syllabus coverage as determined by the council; or

(B) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council;

(2) has obtained the necessary level of competency in English to practise engineering or geoscience in British Columbia;

(3) has four years of experience:

(a) that is sufficiently current to demonstrate competency with current practices;

(b) that is supported by the applicant's academic subjects of study or examinations assigned by the council;

(c) that is broad-based and at the level of complexity and responsibility that demonstrates that:

(i) the applicant has applied engineering or geoscience principles at an appropriate level;

(ii) the applicant is ready to accept the full professional responsibility to engage in the practice of professional engineering or geoscience; and

(iii) the applicant has reached the level of professional maturity needed to judge when the applicant is out of the applicant's area of competence;

(d) that is confirmed by a minimum of four references from professional engineers or professional geoscientists licensed in a Canadian jurisdiction, who practice in the same discipline of engineering or geoscience as the applicant and have detailed knowledge of the work of the applicant or, where the council is satisfied the applicant cannot comply with this requirement, supporting references satisfactory to the council; and

(e) that is in conformance with general and discipline-specific experience guidelines published by the council;

(4) has demonstrated active and responsible participation in, and sufficiently broad-based competency in, or knowledge of:

(a) in the case of an applicant for membership as a professional engineer, the application of engineering theory and principles, including analysis, design and synthesis, testing and implementation methods; or

(b) in the case of an applicant for membership as a professional geoscientist, the application of the knowledge of geoscience principles and practice;

(c) the application of sub-paragraphs (a) or (b) in a practical or field setting;

- (d) management of engineering or geoscience;
  - (e) oral and written communication and presentation skills;
  - (f) the social implications of engineering or geoscience and the requirement to protect the public interest and the environment;
  - (g) the principles of sustainability as they relate to the practice of engineering or geoscience in British Columbia; and
  - (h) guidelines published by the council and relevant to the practice of the applicant;
- (5) has, of the experience required by subsections (3) and (4), for at least 12 months:
- (a) worked under the direct supervision of a professional engineer or professional geoscientist licensed in a Canadian or American jurisdiction, or where the council is satisfied the applicant cannot comply with this requirement, has the appropriate experience in the opinion of the council; and
  - (b) demonstrated sufficient familiarity with the applicable Canadian laws, practices, standards, customs, codes, conditions and climates for the practice of professional engineering or professional geoscience in British Columbia; and
- (6) has the requisite knowledge of the Act, the bylaws, the code of ethics and professional practice issues, demonstrated by successful completion of a course in law and ethics approved by the council and an examination in professional practice approved by the council.
- (7) Notwithstanding the above, the council may accept, without further examination:
- (i) the qualifications required by subsections (1) through (6) if the applicant is a member in good standing with a constituent member of Engineers Canada or the Canadian Council of Professional Geoscientists, or
  - (ii) the qualifications required by subsections (1) through (4) if the applicant is a member in good standing with an institution in another country that is, in the opinion of the council, equivalent to the association.

***I duly certify that this is a true copy of amended Bylaw 11(e) approved by the members of The Association of Professional Engineers and Geoscientists of British Columbia on September 30, 2011.***

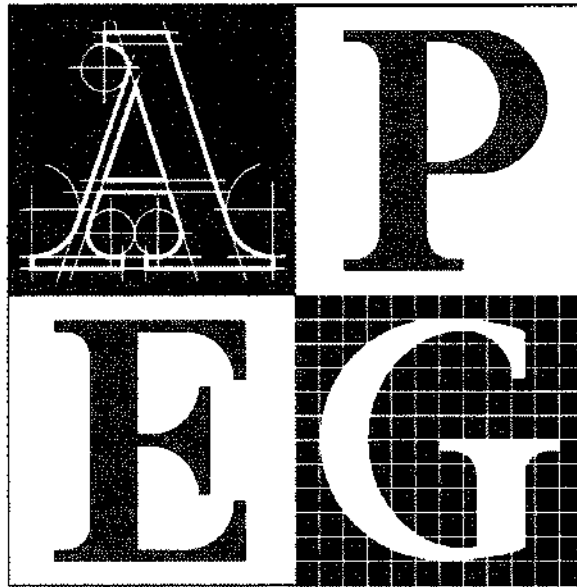


Frank Denton, P.Eng.  
President



Derek Doyle, P.Eng.  
CEO and Registrar

October 5, 2011



Professional Engineers  
and Geoscientists of BC

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## **Bylaw Amendments 2011**

### **Background Information**



This fall members are being asked to ratify two bylaw amendments. They are:

1. Bylaw 10(f) – Resignation
2. Bylaw 11(e) – Registered members

#### Bylaw 10(f) – Resignation

Bylaw 10(f) states that all resignations must be given in writing to the Registrar and approved by Council. The bylaw was originally drafted when the Association's membership was much smaller, and the few resignations received were able to be administered by Council. It also prevented members from resigning to avoid investigation and disciplinary proceedings. Today, more than 600 resignations are received during the annual billing process alone, and recent changes to allow for online fee payment have made the requirement to inform Council in writing of resignations redundant. Amendments to the Act allow investigation and discipline of former members. In addition, there is no requirement in the *Engineers and Geoscientists Act* that requires Council to approve or be involved with resignations.

The proposed bylaw will modernize bylaw 10 (f) to reflect current-day practice including web-based resignations with acceptance by the Registrar.

<b>Current Bylaw with <u>additions</u> and <del>deletions</del> – 10(f) Resignation</b>
---

10 (f) If a member desires to resign, notification must be made <del>in writing</del> to the registrar <u>in a manner determined by the council</u> . Upon resignation being approved <u>accepted</u> by the <del>council-registrar</del> , membership in the association shall cease.
--

<b>Proposed Bylaw Wording to Replace Current Bylaw – 10(f) Resignation</b>
--

10 (f) If a member desires to resign, notification must be made to the registrar in a manner determined by the council. Upon resignation being accepted by the registrar, membership in the association shall cease.
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### Bylaw 11(e) – Registered members

Bylaw 11(e) states that to meet the academic requirements for registration, an applicant must have graduated from a four-year program in engineering, applied science, geoscience, technology or science. The recommended amendment to this bylaw will allow an applicant to have the equivalent of an acceptable four year degree. This will permit greater flexibility in confirming applicants' academic qualifications, while maintaining the standards of academic achievement required to apply for registered membership.

For example, under the current bylaw a graduate with a degree or diploma of less than four years would not have the opportunity to complete qualifying examinations or courses to meet APEGBC's academic requirements for professional engineer or geoscientist registration. When revised, this bylaw's enhanced flexibility would recognize the variety of academic options that meet the standards of academic achievement for professional registration in BC.

As the change to the bylaw only pertains to subsection (1) of Bylaw 11 (e), only subsection (1) is presented below. To view the full text of Bylaw 11 (e) please refer to the Bylaws of the Association at [www.apeg.bc.ca/resource/publications/actbylawscode.html](http://www.apeg.bc.ca/resource/publications/actbylawscode.html)

#### Current Bylaw with additions and deletions – 11(e) Registered members

11 (e) Registration as a member of the association shall be granted to an applicant who has satisfied all the requirements in the Act and submitted evidence, in the approved format, satisfactory to the council, that the applicant:

(1) (a) has graduated:

~~(a)~~ in applied science, engineering or geoscience from an institute of learning approved by the council in a program approved by the council; or

~~(b)~~ with has the equivalent of:

~~(i)~~ a university-level bachelors degree in applied science or engineering, from an institution of learning not approved by the council, or in a program not approved by the council, but has passed:

(A) examinations, assigned by the council from the syllabus published by the council, in the discipline of engineering of the applicant's degree, that demonstrates the applicant's knowledge is equivalent to the knowledge of those who have graduated from an institute of learning approved by the council in a program in applied science or engineering approved by the council; or

(B) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council; or

~~(ii)~~ 4 years of full-time post-secondary education in applied science, engineering, geoscience, science, or technology, and has demonstrated equivalency to graduation from an institute of learning approved by the council in a program in applied science, engineering or geoscience approved by the council, by passing the council assigned:

(A) examinations or coursework from the syllabus, published by the council, applicable to the discipline in which the applicant wishes to be examined, to address deficiencies in syllabus coverage as determined by the council; or

(B) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council;

**Proposed Bylaw Wording to Replace Current Bylaw – 11(e) Registered members**

11 (e) Registration as a member of the association shall be granted to an applicant who has satisfied all the requirements in the Act and submitted evidence, in the approved format, satisfactory to the council, that the applicant:

(1) (a) has graduated in applied science, engineering or geoscience from an institute of learning approved by the council in a program approved by the council; or

(b) has the equivalent of:

(i) a university-level bachelors degree in applied science or engineering, from an institution of learning not approved by the council, or in a program not approved by the council, but has passed:

(C) examinations, assigned by the council from the syllabus published by the council, in the discipline of engineering of the applicant's degree, that demonstrates the applicant's knowledge is equivalent to the knowledge of those who have graduated from an institute of learning approved by the council in a program in applied science or engineering approved by the council; or

(D) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council; or

(ii) 4 years of full-time post-secondary education in applied science, engineering, geoscience, science, or technology, and has demonstrated equivalency to graduation from an institute of learning approved by the council in a program in applied science, engineering or geoscience approved by the council, by passing the council assigned:

(A) examinations or coursework from the syllabus, published by the council, applicable to the discipline in which the applicant wishes to be examined, to address deficiencies in syllabus coverage as determined by the council; or

(B) examinations, requiring special knowledge in branches of learning specified by the council, of an association or institute approved by the council;



Our Ref: 89158

NOV 15 2011

Mr. Derek Doyle, P.Eng.  
Chief Executive Officer and Registrar  
Association of Professional Engineers  
and Geoscientists of British Columbia  
200 – 4010 Regent St  
Burnaby BC V5C 6N2

Dear Mr. Doyle: *Derek,*

Thank you for your letter of October 5, 2011, enclosing copies of the proposed Bylaws 10(I) and 11(e), recently ratified by the members of the Association of Professional Engineers and Geoscientists of British Columbia.

As you are aware, section 11 of the *Engineers and Geoscientists Act* (the Act) provides that a bylaw of the Association comes into force 45 days after it has been filed with the Minister, unless disallowed by the Lieutenant Governor in Council.

I have reviewed the material you provided and have no concerns with the content or purpose of the ratified amendments. Consequently, I do not intend to recommend that the Lieutenant Governor in Council disallow the bylaw revisions.

Thank you again for informing me of the bylaw amendments.

Sincerely,

*Naomi Yamamoto*  
Naomi Yamamoto  
Minister

Ministry of  
Advanced Education

Office of the  
Minister

Mailing Address:  
PO Box 9080 Stn Prov Govt  
Victoria BC V8W 9E2

Location:  
Parliament Buildings  
Victoria