



DESIGNATED STRUCTURAL ENGINEER PROGRAM

APPLICATION PROCEDURES REVIEW DECLARATION

Please read the following carefully before signing below:

Acceptable Qualifying Experience

Applicants for the Designated Structural Engineer must be able to demonstrate six years of significant post-graduation structural engineering experience, including two years in responsible charge of significant engineering work. This experience may include time spent as an Engineer-in-Training and experience gained during post-graduate studies.

To be significant, structural engineering work must:

- represent an application of the knowledge of structural engineering that goes beyond standard solutions found in manuals of practice;
- be done in an environment where the engineer has worked with at least two materials and has assumed a significant part of the overall structural engineering responsibility for the project;
- demonstrate responsibility for structural design of Part 3 buildings would include those as described by Clause 2.1.2.1(1) (a) and (b) of the 1998 *BC Building Code*, or an equivalent Code approved by the APEGBC Structural Qualifications Board.

Qualification Requirements

A candidate for Designated Structural Engineer must:

1. be registered as a professional engineer in BC;
2. demonstrate six years of significant post-graduation structural engineering experience, including two years in responsible charge of significant engineering work;
3. nominate four referees who must complete the Designated Structural Engineer Reference Form and submit it directly to APEGBC. Candidates will send the reference forms to each referee, with a copy of the account of their experience. Referees should be registered or licensed professional engineers or chartered engineers practicing in the field of structural engineering and should have a detailed knowledge of the applicant's work. Normally, at least one of the referees should not be employed in the same firm as the candidate;
4. demonstrate a commitment to continuing professional development;

5. have completed one of the following requirements:
 - a. successfully complete the Interim Oral Examination;
 - b. be eligible for licence, having passed examination as a Structural Engineer in an approved U.S. jurisdiction (current approved jurisdictions are California and Washington State. Structural Engineer (S.E.) licence holders who have completed the Structural II and Structural III examinations in other U.S. jurisdictions will also be considered);
 - c. have successfully completed the Washington State Structural III Examination; or
 - d. have successfully completed the IStructE Chartered Membership (Part 3) Examination
6. successfully complete the BC Codes and Practices Examination;

Optional Pre-Qualification Interview

Candidates for the Struct.Eng. designation may choose to attend a Pre-Qualification Interview conducted by a senior structural engineer. The purpose of the interview is to assist those seeking Struct.Eng. qualification by ensuring that their practice is current, ensuring that the candidate understands the Struct.Eng. process and requirements, and by assessing whether they are adequately prepared to attempt the Struct.Eng. qualification program. Candidates will also be counseled on how the Struct.Eng. designation is to be used, and the requirement for commitment to a rigorous program of continuing professional development. The Interview will normally be of one hour's duration and the candidate may be asked to provide samples of projects for which he or she has taken overall professional responsibility. If, immediately following the Interview, a candidate is not prepared to continue with the Struct.Eng. qualification program, the unused portion of the application fee will be refunded.

IStructE Membership Requirements

Candidates wishing to apply concurrently for Membership in the Institution of Structural Engineers will be required to attend a more extensive, two-hour Pre-Qualification Interview, which will review the candidate's experience in the areas of the IStructE's 13 Core Objectives.

For more information about the Struct.Eng. designation and its application requirements, please refer to the Struct.Eng. Application Guide available on the Struct.Eng. webpage at:

<http://www.apeg.bc.ca/reg/DesignatedStructuralEngineer.html>

DECLARATION BY MEMBER

I hereby certify that I have reviewed and am familiar with the application procedures and requirements for the Struct.Eng. designation.

Please check one of the following:

- ☐ I do not wish to attend a Pre-Qualification Interview. Please note that an Interview will still be required for those candidates who are applicants for membership with the IStructE.
- ☐ I wish to attend a Pre-Qualification Interview.

Signed: _____

Date: _____

Please affix your professional seal here: