

## **542B.14 General requirements for licensure temporary permit to practice engineering.**

Each applicant for licensure as a professional engineer or land surveyor shall have all of the following requirements, respectively, to wit:

### 1. As a professional engineer:

*a.* (1) Graduation from a course in engineering of four years or more in a school or college which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental engineering subjects.

(2) However, prior to July 1, 1988, in lieu of compliance with subparagraph (1), the board may accept eight years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental engineering subjects.

(3) Between July 1, 1988, and June 30, 1991, in lieu of compliance with subparagraph (1), the board shall require satisfactory completion of a minimum of two years of postsecondary study in mathematics, physical sciences, engineering technology, or engineering at an institution approved by the board, and may accept six years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental engineering subjects.

(4) For applicants who obtained an associate of science degree or a more advanced degree between July 1, 1983, and June 30, 1988, in lieu of compliance with subparagraph (1), the board shall only require compliance with the provisions of subparagraph (3) with regard to areas of study and practical experience. Applicants qualifying under this subparagraph must meet the requirements of paragraph "b", by June 30, 2001.

*b.* Successfully passing a written, oral, or written and oral examination in fundamental engineering subjects which is designed to show the knowledge of general engineering principles. A person passing the examination in fundamental engineering subjects is entitled to a certificate as an engineer intern.

*c.* In addition to any other requirement, a specific record of four years or more of practical experience in engineering work which is of a character satisfactory to the board.

*d.* Successfully passing a written, oral, or written and oral examination designed to determine the proficiency and qualifications to engage in the practice of engineering. No applicant shall be entitled to take this examination until the applicant shows the necessary practical experience in engineering work.

### 2. As a land surveyor:

*a.* (1) Graduation from a course of two years or more in mathematics, physical sciences, mapping and surveying, or engineering in a school or college and six years of practical experience, all of which, in the opinion of the board, will properly prepare the applicant for the examination in fundamental land surveying subjects.

(2) However, prior to July 1, 1988, in lieu of compliance with subparagraph (1), the board may accept eight years' practical experience which, in the opinion of the board, is of satisfactory character to properly prepare the applicant for the examination in fundamental land surveying subjects.

*b.* Successfully passing a written, oral, or written and oral examination in fundamental land surveying subjects which is designed to show the knowledge of general land surveying principles.

*c.* In addition to any other requirement, a specific record of four years or more of practical experience in land

surveying work which is of a character satisfactory to the board.

*d.* Successfully passing a written, oral, or written and oral examination designed to determine the proficiency and qualifications to engage in the practice of land surveying. No applicant shall be entitled to take this examination until the applicant shows the necessary practical experience in land surveying work.

The board may establish by rule a temporary permit and a fee to permit an engineer to practice for a period of time without applying for licensure.

[C39, § **1866.1**; C46, 50, 54, 58, 62, 66, 71, 73, 75, 77, 79, 81, § 114.14]

84 Acts, ch 1104, § 5; 87 Acts, ch 165, § 1, 2

C93, § 542B.14

94 Acts, ch 1107, §14; 95 Acts, ch 65, §5; 96 Acts, ch 1055, § 7; 98 Acts, ch 1054, §1