

## CHAPTER 1800

### BOARD OF ARCHITECTURE, ENGINEERING, LAND SURVEYING, LANDSCAPE ARCHITECTURE, GEOSCIENCE, AND INTERIOR DESIGN

#### LICENSING AND OPERATION

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#### 1800.0300 IN-TRAINING CLASSIFICATIONS.

There shall be a classification of engineer-in-training, a classification of land surveyor-in-training, a classification of geologist-in-training, and a classification of soil scientist-in-training. For examination of engineer-in-training see parts 1800.2500 to 1800.3000, for land surveyor-in-training see parts 1800.3505 to 1800.3800, for examination of geologist-in-training see parts 1800.3910 to 1800.3930, and for soil scientist-in-training see parts 1800.3910 to 1800.3930.

**Statutory Authority:** *MS s 326 06*

**History:** 27 SR 584

#### 1800.0800 PROOF OF QUALIFICATION TO PRACTICE.

An applicant shall submit evidence to the board indicating that the applicant is qualified to practice in the profession or field of major practice in which the applicant seeks licensure or certification. The burden of proof is upon the applicant who should make every effort to present qualifications fully and clearly. Qualifications shall be established by one or more of the following methods:

*[For text of items A to G, see MR]*

H. For licensure by competency as a land surveyor, an applicant is subject to Minnesota Statutes, section 326.10, subdivision 1, paragraph (a), clause (2). In addition, the applicant is required to take examinations that the board deems necessary to determine qualifications, but in any event the applicant is required to take an examination.

*[For text of items I and J, see MR]*

**Statutory Authority:** *MS s 326 06*

**History:** 27 SR 584

#### 1800.0900 QUALIFICATION PROCEDURES.

*[For text of subps 1 and 3, see MR]*

**Subp. 4 Reexamination.** An applicant who does not receive a passing grade in an examination may make application to retake that examination. The application shall be accompanied by a reexamination fee as required under part 1800.0500, subpart 7. The board may require an applicant failing an examination four or more times to submit evidence of improved qualifications before an additional retake examination is permitted.

**Subp. 5 Date and place of examination.** Oral examinations may be given each year at such times as may be designated by the board. Persons who file applications for licensure by examination and are determined to be eligible for admission to the examination will be informed by letter of the date and place of the examinations. Examinations shall be scheduled once the applicant's application is approved.

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*[For text of subp 6, see M R ]*

**Statutory Authority:** *MS s 326 06*

**History:** 27 SR 584

**1800.3500** [Repealed, 27 SR 584]

### **1800.3505 EDUCATION AND EXPERIENCE.**

Subpart 1 **Examination requirements.** An applicant for licensure as a land surveyor is required to pass written examinations as provided in this part and parts 1800 3600 to 1800 3800. An applicant for licensure under part 1800 0800, item H, shall satisfy the Minnesota licensing requirements that were in effect at the time of the applicant's original licensure in the other state.

Subp 2 **Admission to Fundamentals of Land Surveying examination.** To qualify for admission to the Fundamentals of Land Surveying examination, applicants shall present satisfactory evidence of one of the following:

A graduation from a four-year land surveying curriculum that meets the statutory requirements in place at the time of graduation or being within 32 semester credits or 48 quarter credits of obtaining a land surveying degree from a four-year land surveying curriculum that is approved by the board, or

B graduation from a bachelor's curriculum that meets the statutory requirements in place at the time of graduation, or being within 32 semester credits or 48 quarter credits of obtaining a bachelor's degree under a curriculum that is approved by the board with a minimum of 22 semester credits or 32 quarter credits in land surveying.

Subp 3 **Admission to professional land surveying examination.** To qualify for admission to the professional land surveying examination, the applicant shall present evidence of meeting the educational and qualifying experience requirements in item A or B.

A Graduates of a four-year land surveying curriculum must present evidence of

(1) graduation from a four-year land surveying curriculum, and

(2) completion of a minimum of three years of the following qualifying land surveying experience:

(a) a minimum of 160 hours of field experience in each of four or more of the following: section subdivision, boundary surveys, land title surveys, government corner restoration, geodetic surveys, staking subdivisions, and common interest communities totaling 3,120 hours or more,

(b) a minimum of 160 hours of office experience in each of five or more of the following: record research, record analysis, survey computations, description analysis, description writing, subdivision design, and plat computations totaling 2,080 hours or more,

(c) field or office experience in one or more of the following: right-of-way surveys, easement surveys, mining surveys, route location surveys, including power, pipelines, etc., and street grade design and alignment totaling 400 hours or more, and

(d) drafting experience in one or more of the following: boundary survey, topographic survey, and plats totaling 400 hours or more.

B Graduates of a bachelor's curriculum must present evidence of

(1) graduation from a bachelor's curriculum with a minimum of 22 semester credits or 32 quarter credits in land surveying, and

(2) completion of a minimum of five years of the following qualifying land surveying experience:

(a) a minimum of 160 hours of field experience in each of four or more of the following: section subdivision, boundary surveys, land title surveys,

government corner restoration, geodetic surveys, staking subdivisions, and common interest communities totaling 4,990 hours or more,

(b) a minimum of 160 hours of office experience in each of five or more of the following: record research, record analysis, survey computations, description analysis, description writing, subdivision design, and plat computations totaling 3,330 hours or more,

(c) field or office experience in one or more of the following: right-of-way surveys, easement surveys, mining surveys, route locations surveys, including power, pipelines, etc., and street grade design and alignment totaling 800 hours or more, and

(d) drafting experience in one or more of the following: boundary survey, topographic survey, and plats totaling 800 hours or more

Qualifying land surveying experience must be obtained under the direct supervision of a licensed land surveyor. As used in items A and B, qualifying work experience consists of varied, progressive, practical experience at land surveying work. The experience must be acquired in the areas of land surveying practice listed in items A and B

**Statutory Authority:** *MS s 326 06*

**History:** *27 SR 584*

#### **1800.3600 REQUIREMENTS FOR ADMISSION TO EXAMINATION.**

Subpart 1 **Authority to order examination.** The board may subject an applicant to such examinations as may be deemed necessary to establish the qualifications of the applicant. Oral and written examinations shall be held at such times and places as the board may direct

Subp 2. **Land surveyor-in-training.** The Fundamentals of Land Surveying (FLS) examination may be taken upon meeting the requirements of part 1800.3505, subpart 2. The applicant shall submit an official transcript from the college or university the applicant is attending. An applicant taking the FLS examination must be notified of the applicant's score in writing. An applicant failing this examination shall retake the entire examination. A final official transcript showing the degree and the date awarded must be submitted to the board before the land surveyor-in-training certificate is released to the applicant. The passage of this examination and providing proof of the degree and the award date gives the applicant the status of land surveyor-in-training as defined in Minnesota Statutes, section 326.10, subdivision 7. The applicant shall take and pass the FLS examination before being permitted to take the professional examination

Subp 3 **Professional practice.** The applicant must have successfully completed the Fundamentals of Land Surveying (FLS) examination and have met the education and experience requirements in part 1800.3505, subpart 3. After the applicant has submitted an application for admission to the professional practice examinations, the applicant may be required to appear before the board for an oral examination to determine the applicant's eligibility for admission to the professional examinations. The board shall conduct the examination to review evidence of personal qualifications and evaluate the educational and experience record of the applicant

**Statutory Authority:** *MS s 326 06*

**History:** *27 SR 584*

#### **1800.3700 EXAMINATIONS.**

Subpart 1 **Fundamentals of land surveying.** Fundamentals of land surveying consists of an eight-hour examination. Failure of either the morning or afternoon portion of the examination will require the applicant to retake the entire eight-hour examination

Subp 2. **Professional practice.** Examination for professional practice consists of a national examination and a local examination. Failure of one or both of the examinations will necessitate retaking the entire failed examination. Successful completion of

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the national professional practice examination and the local professional practice examination qualifies the applicant for licensure as a land surveyor in Minnesota upon payment of the license fee.

Subp 3 **Reference materials.** Reference materials may be used when permitted by the board.

**Statutory Authority:** *MS s 326 06*

**History:** *27 SR 584*

## 1800.3850 TRANSITIONAL PERIOD.

Until December 31, 2012, an individual who has taken the Fundamentals of Land Surveying examination before the effective date of this part may choose to pursue licensure as a land surveyor under chapter 1800 as it existed on the date the person first took the examination.

**Statutory Authority:** *MS s 326 06*

**History:** *27 SR 584*