

1800.3920 WRITTEN EXAMINATION.

Subpart 1. **Two-part examination.** The written examination consists of the two parts as described in subparts 2 and 3. The written examinations for geologists shall be the examinations as provided by the National Association of State Boards of Geologists (ASBOG) as described in subpart 4, item A. The written examinations for soil scientists shall be the examinations provided by the Council of Soil Science Examiners (CSSE) as described in subpart 4, item B.

Subp. 2. **Fundamentals examination.** An applicant shall be admitted to the fundamentals examination for a geoscience discipline, if, by the date of the examination, the applicant has completed the education requirements in part 1800.3910, subpart 2. The applicant shall submit an official transcript from the college or university the applicant is attending or has attended. An applicant taking the fundamentals examination in a geoscience discipline shall be notified of the score in writing. An applicant failing this examination and electing to take the examination again shall take the entire examination. A description of the scope of the fundamentals examinations for each geoscience discipline is provided in subpart 4.

A final official transcript showing the degree awarded and date of graduation shall be submitted to the board before the in-training number is released to the applicant. The passing of this examination and providing proof of the degree awarded and date of graduation gives the applicant the in-training status as defined in Minnesota Statutes, section 326.10, subdivision 7, paragraph (3). The applicant shall take and pass the fundamentals examination in the geoscience discipline for which the applicant is seeking licensure before being permitted to take the professional examination.

Subp. 3. **Professional examination.** An applicant shall be admitted to the professional examination in the geoscience discipline in which the applicant is seeking licensure, if, by the date of the examination, the applicant has received confirmation of passing the fundamentals examination in the geoscience discipline in which the applicant is seeking licensure and meets the education and experience requirements in part 1800.3910, subpart 3. The applicant shall submit verification of completion of the experience requirements in part 1800.3910, subpart 3, to the board before the applicant is qualified for admission to the professional examination. The professional examination covering the principles and practice of geoscience in the geoscience discipline in which the applicant is seeking licensure is required as described in subpart 4. A person failing the professional examination and electing to take the examination again shall take the entire professional examination. A description of the scope of the professional examination for each geoscience discipline is provided in subpart 4.

Subp. 4. Scope and description of examinations.

A. The scope and description of the geology examinations are as described in subitems (1) and (2).

(1) The Fundamentals of Geology (FG) examination shall be administered at a time and place designated by the board to those applicants determined by the board to meet the requirements of part 1800.3910, subpart 2, for admission to the examination.

The FG examination consists of multiple-choice questions which emphasize knowledge and skills that are typically acquired in an academic setting and lead to a baccalaureate degree in geology.

(2) The Practice of Geology (PG) examination shall be administered at a time and place designated by the board to those applicants determined by the board to meet the requirements of part 1800.3910, subpart 3, for admission to the examination.

The PG examination covers the principles and practice of geology. The examination shall include questions embracing the knowledge of professional practice and applied geology as acquired in connection with research, planning, and completion of geological work during the required period of geological experience. The PG examination is given to determine the degree of proficiency of the applicant in professional practice. This examination shall include questions designed to test whether the applicant has learned to apply the knowledge and understanding of the basic and geoscientific sciences gained through education, training, and experience to the solutions of geological problems.

B. The scope and description of the soil science examinations are as described in subitems (1) and (2).

(1) The Fundamentals of Soil Science (FSS) examination shall be administered at a time and place designated by the board to those applicants determined by the board to meet the requirements of part 1800.3910, subpart 2, for admission to the examination.

The FSS examination consists of multiple-choice questions which emphasize knowledge and skills that are typically acquired in an academic setting and lead to a baccalaureate degree in soil science.

(2) The Professional Practices in Soil Science (PSS) examination shall be administered at a time and place designated by the board to those applicants determined by the board to meet the requirements of part 1800.3910, subpart 3, for admission to the examination.

The PSS examination covers the principles and practice of soil science. The examination shall include questions embracing the knowledge of professional practice and applied soil science as acquired in connection with research, planning, and completion

of soil science work during the required period of soil science experience. The PSS examination is given to determine the degree of proficiency of the applicant in professional practice. This examination shall include questions designed to test whether the applicant has learned to apply the knowledge and understanding of the basic and geoscientific sciences gained through education, training, and experience to the solutions of soil science problems.

Subp. 5. **Equipment during examination.** The board shall advise the applicant at the time of approval for admission to the examination what equipment and materials will be permitted for use during the examination.

Statutory Authority: *MS s 326.06*

History: *22 SR 90; 38 SR 59*

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