

Additions to Agenda
South Dakota Board of Technical Professions
Clock Tower Plaza, 2525 W Main St., Suite 211 Rapid City, SD

via Zoom
or Call +1-346-248-7799 Meeting ID:729 257 1422 Passcode: 957016

September 30, 2022, 8:30 a.m. (MDT)

- A. Additions to New Business
- B. Additions to Appendixes

New Business - Additions

ITEM 5:

Discussion on the requirements for renewal:

36-18A-39. Expiration and biennial renewal of licenses--Continuing professional education.

A license expires two years after the date of issuance and becomes invalid on that date unless renewed by that date. Any professional engineer, architect, land surveyor, landscape architect, or petroleum release assessor or remediator licensed under this chapter who desires to continue to practice or offer to practice the licensee's profession shall:

- (1) Pay the renewal fee, not to exceed two hundred dollars, established by the board in rules promulgated pursuant to chapter 1-26; and
- (2) Successfully complete all continuing professional development requirements established by the board or make a showing of good cause why the licensee was unable to comply with such requirements. The board shall promulgate rules, pursuant to chapter 1-26, to establish continuing professional education and development criteria.

20:38:28:01. Certificates. Upon satisfaction of all requirements for licensure as a professional, enrollment as an intern, or licensure as a business entity, the executive director shall provide the applicant with a numbered certificate indicating the type of license or enrollment and the issue or expiration date. The board shall enter the name of each applicant granted licensure or enrollment into its meeting minutes.

A certificate of enrollment as an intern does not authorize the enrollee to practice as a licensed professional or to imply that such a professional title is held.

20:38:29:01. Application required. An application is required in accordance with the provisions of this chapter, for each of the following:

- (1) Individual licensure;
- (2) Individual license renewal
- (3) Individual license reactivation;
- (4) Business entity licensure;
- (5) Business entity license renewal;
- (6) Business entity license reactivation; and
- (7) Admission to examination, including FE, PE, FS, LS, and petroleum release examinations.

An application must be made on the appropriate form, be complete, legible, and accompanied by the appropriate application fee. By submitting an application, an applicant certifies, under penalty of perjury, that the information submitted by the applicant is true and correct. An applicant may be required to clarify or provide additional information as needed to fully evaluate the application.

Any change in the information provided by an applicant or licensee, including the mail or email address must be provided to the board office within 30 days of the change.

Other SDCL for consideration 36-18A-47; 36-18A-48; 36-18A-49; 36-18A-50

ITEM 6:

Discussion on foreign experience for licensure:

36-18A-32. Oral interview--Failure to provide information as grounds for disciplinary action--
Interpretation of experience and education.

The board may require the applicant to appear for an oral interview if there are questions as to the depth, extent, and quality of any experience. Failure to supply additional evidence or information within thirty days from the date of a written request from the board, or failure to appear before the board if an appearance is requested, may be considered cause for disciplinary action or disapproval of an application. The board shall interpret qualifying experience and education according to the following:

- (1) Qualifying experience is diversified, general practice experience of a progressive degree of difficulty, magnitude, and responsibility under proper professional guidance and supervision of licensed persons;
- (2) For partially completed work in accredited or approved degree granting curriculums, education credit of three-fourths of a year may be allowed for each thirty semester hours of study. For work in vocational or trade schools, education credit of one-half of a year may be allowed for each thirty semester hours of study;
- (3) Education from foreign schools shall be evaluated with accredited programs in the United States, and experience in foreign employment under licensed persons shall be evaluated by the board;
- (4) Qualifying experience under proper professional guidance and supervision of licensed persons gained in work experience with governmental agencies, the military, construction, sales, and industry requiring the application of skills normally taught in the schools of engineering, science, architecture, or land surveying may be evaluated by the board. The board shall give credit for experience as warranted;
- (5) Teaching at the junior year level and above of engineering, science, architectural, landscape architectural, and land surveying courses in accredited or approved curriculums is acceptable experience for a maximum of one year.

20:38:31:01. Experience required. Experience is required in accordance with the provisions of this chapter. Experience credit may be granted for part-time and full-time work, but overtime will not be considered. The board may require as evidence of experience, exhibits of plans, specifications, and other technical submissions in the preparation of which the applicant participated, together with a statement from the licensed professional in responsible charge of the work attesting to the extent of the applicant's involvement. For land surveying applicants, experience prior to completion of education shall be in accordance with § 20:38:31:04. For other applicants, experience prior to completion of education may be granted experience credit at the rate of one-half year for each full year of experience, not to exceed one year total experience credit. Of this, no more than six months may be credited to any student for work experience gained during the summer breaks. Work experience under the direct supervision of a design professional licensed in a foreign country shall be evaluated by the board. Work experience credit gained in the armed services must be of a character equivalent to that which would have been gained in the civilian sector doing similar work, such as service in an architectural, engineering, or engineering-related group.

For an applicant with a degree from a foreign education program, experience must include a minimum of two years of qualifying experience gained in the United States. An applicant must be proficient in English.

20:38:31:02. Architecture. An applicant for licensure as an Architect shall have completed the NCARB Architectural Experience Program (AXP).

20:38:31:03. Engineering. An applicant for licensure as a Professional Engineer shall meet the following experience requirement:

(1) Three years of experience for an applicant meeting the education requirement described in subdivision 20:38:30:02(1) and who has also obtained a master or doctoral level engineering degree;

(2) Four years of experience for an applicant meeting the education requirement described in subdivision 20:38:30:02(1); or

(3) Five years of experience for an applicant meeting the education requirement described in subdivisions 20:38:30:02(2),(3),(4), or (5)

To qualify, experience must be completed under the direct supervision of a licensed professional engineer who is actively engaged in the practice of engineering. Experience must consist of employment or services that require the application of special knowledge of the mathematical, physical, and engineering sciences including the preparation and interpretation of engineering data.

Experience may include engineering supervision of construction, where the health, safety, or welfare of the public is involved but not the primary responsibility of the applicant. Such experience is acceptable whether the person who bore the responsibility for the work involved was the applicant or the applicant's supervisor in responsible charge.

Experience shall be reviewed by the board for conclusive evidence that the applicant has the ability to design and apply scientific principles independently and that the applicant's judgment may be trusted.

Experience of an intermittent engineering nature, such as sales-engineering assignments, combined engineering and miscellaneous office duties, or engineering assignments in which a large portion of the work is operational or maintenance, the board shall allow credit in the same proportion that the work which requires the application of engineering sciences and skills bears to the whole.

20:38:31:04. Land surveying. An applicant for licensure as a Land Surveyor shall meet the following experience requirement:

(1) Four years of experience, of which a minimum of two years shall be after earning the degree and a minimum of two years shall be after enrollment as a land surveying intern in accordance with § 20:38:32:04, for an applicant meeting the education requirement described in subdivision 20:38:30:03(1) or (2); or

(2) Seven years of experience, of which a minimum of three years shall be after earning the degree and a minimum of two years shall be after enrollment as a land surveying intern in accordance with § 20:38:32:04, for an applicant meeting the education requirement described in subdivision 20:38:30:03(3).

To qualify, land surveying experience must be completed under the direct supervision of a licensed professional land surveyor who is actively engaged in the practice of land surveying. Experience must

consist of employment or services that require the application of special knowledge and technical skills acquired in the practice of land surveying as follows:

- (1) Correct determination and description of lands for conveyance or encumbrance;
- (2) Establishment or reestablishment of land boundaries;
- (3) Platting of lands in subdivisions;
- (4) Surveyed acquisition of data relative to the shape of the earth's surface and fixed objects thereon and therein for the purpose of presenting mapped information; and
- (5) Surveys necessary to plan for the alteration of the earth's surface or to create fixed works thereon.

Intermittent experience of a land surveying nature shall be credited in the same proportion that the work of a land surveying nature bears to the total experience period. Surveying experience normally identified with engineering projects, including design surveys for highways or bridges (except those that relate to right-of-way surveys), construction staking, curb and gutters, and sanitary sewers may be considered as part of the land surveying experience up to one-third of the minimum total required experience, since such experience can be considered basic to the development of the land surveyor.

Experience teaching land surveying courses in programs as described in § 20:38:30:03 may be granted experience credit up to a maximum of one year.

Land surveying interns (LSIT or LSI) who have completed all of the requirements and who apply for licensure as a land surveyor prior to December 31, 2022, may request that their application be reviewed on the basis of the experience and education requirements which existed on January 1, 2011.

20:38:31:05. Landscape architecture. An applicant for licensure as a Landscape Architect is required to have experience as determined by CLARB. The applicant's CLARB council record shall be provided to the board of evaluation and acceptance.

20:38:31:06. Petroleum release assessment. An applicant for licensure as a Petroleum Release Assessor shall meet the following experience requirement:

- (1) One year experience for an applicant meeting the education requirement described in subdivision 20:38:30:05(1); or
- (2) Five years experience for an applicant meeting the education requirement described in subdivision 20:38:30:05(2).

To qualify, experience must be gained under the direct supervision of a licensed professional and be related to site assessments, remedial investigations, and corrective actions necessary to remediate water or soil contaminated with petroleum.

20:38:31:07. Petroleum release remediation. An applicant for licensure as a Petroleum Release Remediator shall meet the following experience requirement:

- (1) Two years experience for an applicant meeting the education requirement described in subdivision 20:38:30:06(1); or

(2) Three years experience for an applicant meeting the education requirement described in subdivision 20:38:30:06(2).

To qualify, experience must be gained under the direct supervision of a licensed professional and be related to site assessments, remedial investigations, and corrective actions necessary to remediate water or soil contaminated with petroleum.

ITEM 7:

Discussion on exam requirements:

20:38:32:01. Examination required. Examination is required in accordance with the provisions of this chapter.

All applicants for admission to examination shall pay the required fee to the appropriate organization or vendor prior to admission to the examination.

Examination vendors may be used to administer examinations. Policies and procedures of the examination vendor shall be followed in accordance with the vendor's agreement with the board. Examination results will be reported as either pass or fail, will be treated as confidential and will be transmitted only by U.S. mail to the examinee at the examinee's last known address.

Cheating or other violation of examination security provisions will result in automatic failure of the examination. No person may review any portion of any examination.

All applicants shall pass a take-home examination on South Dakota licensure laws prior to licensure.

An examinee seeking an accommodation for a disability shall make a request of the examination vendor with sufficient notice to enable arrangements for the accommodation.

20:38:32:02. Architecture. An applicant for licensure as an Architect shall pass the ARE, which is prepared and scored by the NCARB.

An applicant may apply to NCARB for admission to the examination upon satisfaction of the architecture education requirement.

An applicant who fails all or part of the examination may retake the examination in accordance with this section. A passing grade for any division of the examination is valid for five years, after which time the division must be retaken if the remaining divisions have not been passed. The five year period begins on the date when the first passed division is administered. If an applicant fails to pass all divisions within five years, then the first passed division must be retaken and the five year period begins on the date when the next oldest passed division is administered.

20:38:32:03. Engineering. An applicant for licensure as a Professional Engineer shall pass the Fundamentals of Engineering (FE) examination and the Principles and Practice of Engineering (PE) examination, which are prepared and scored by NCEES.

An applicant who has satisfied the engineering education requirement or who is a senior within two semesters of graduating from an ABET accredited engineering program approved by the board may apply for admission to the FE examination. The applicant must have a transcript or senior status verification sent directly from the school to the board office as evidence of applicant's status. An applicant who passes the FE examination shall be enrolled as an engineer-in-training (EIT) or an engineering intern (EI). Passage of the FE examination does not authorize any person to practice as a professional engineer or to imply that such a professional title is held.

An applicant who has passed the FE examination and has satisfied the engineering education and experience requirements may apply for admission to the PE examination.

An applicant who fails the FE or PE examination may retake the examination two times. If the applicant fails the examination three times, the applicant may submit only one new application for admission to the examination per calendar year thereafter. The board may review an applicant who has failed the examination three times and may require additional qualifying education or experience.

20:38:32:04. Land surveying. An applicant for licensure as a land surveyor shall pass the Fundamentals of Land Surveying (FS) examination, the Principles and Practice of Land Surveying (PS) examination and an open book, take-home examination of South Dakota land surveying practice and laws.

Current students and graduates of the educational programs described in § 20:38:30:03 that have either successfully completed, or are currently enrolled in, a minimum total of 18 semester credit hours of surveying courses within, or in addition to, their program of study may apply for the FS examination. An applicant who passes the examination shall be enrolled as a land surveyor-in-training (LSIT) or land surveying intern (LSI). Passage of the examination does not authorize any person to practice as a land surveyor or to imply that such a professional title is held.

Applicants who have completed all of the requirements and who apply for the FS examination prior to December 31, 2015, may request that their application be reviewed on the basis of the education and experience requirements which existed on January 1, 2011.

An applicant who has passed the FS examination and has satisfied the land surveying education and experience requirements may apply for admission to the PS examination.

The South Dakota portion of the examination is an open book, take-home examination. There is a four-hour version for applicants who have passed 12 hours of the NCEES examinations; a two-hour version for applicants who have passed 14 hours of the NCEES examinations; and a one-hour version for applicants who have passed 15 hours of the NCEES examinations. Each applicant shall complete and return the applicable version of the take-home examination to the board's office within 30 calendar days after the date of mailing of the examination to the applicant.

An applicant who fails the FS or PS examination may retake the examination two times. If the applicant fails the examination three times, the applicant may submit only one new application for admission to the examination per calendar year thereafter. The board may review an applicant who has failed the examination three times and may require additional qualifying education or experience.

20:38:32:05. Landscape architecture. An applicant for licensure as a Landscape Architect shall pass the LARE, which is prepared and scored by CLARB.

An applicant may apply to CLARB for admission to the examination upon satisfaction of the landscape architecture education and experience requirements.

20:38:32:06. Petroleum release assessment or remediation. An applicant for licensure as a petroleum release assessor or remediator shall pass the petroleum release examination, which is prepared and scored by the board. The examination is an open book, take-home examination over South Dakota procedures and rules pertaining to petroleum releases. A list of the procedures and rules and where they may be found is provided to each applicant with the examination. Each applicant shall complete and return the examination to the board's office within 30 calendar days after the date of mailing of the examination to the applicant.

An applicant may apply for admission to the examination upon satisfaction of the Petroleum Release education and experience requirements.

An applicant who fails the petroleum release examination may retake the examination two times. If an applicant fails the examination three times, the applicant may submit only one new application for admission to the examination per calendar year thereafter. The board may review an applicant who fails the examination three times and may require additional qualifying education or experience.

Board Meeting Examinee Report*Examinees Passed FE Exam**Meeting Date: Sept. 30, 2022*Page 1 of 4

With Additions/Corrections

Name	Exam	Certificate #
Ryckman, Samuel	FE	E-13268
Cherney, Mathew	FE	E-13269
Babits, Helen	FE	E-13270
Mentele, Christopher Jacob	FE	E-13271
Kosiak, Carter John	FE	E-13273
Broekemeier, Mikayla	FE	E-13274
Loosbrock, Logan	FE	E-13275
Larson, Peyton	FE	E-13276
Mettler, Zachary	FE	E-13277
Linde, Michael	FE	E-13278

Board Meeting Examinee Report*FS Examinee Passed FS Exam**Meeting Date: Sept. 30, 2022**Page 2 of 4*

With Additions/Corrections

Name	Exam	Certificate
Lester, Payton George	FS	S-13272
Feucht, Daniel	FS	S-13279

Board Meeting Examinee Report

PE Examinees Passed PE Exam

Meeting Date: *Sept. 30, 2022*

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With Additions/Corrections

Name	License #	Exam
Citrowske, Samantha	15960	PE
Robertson, Tyler	15961	PE
Lucas, John	15962	PE
Waldera, Dillon	15963	PE

Board Meeting Examinee Report

PS Examinees Passed PS Exam

Meeting Date: *Sept. 30, 2022* Page 4 of 4
With Additions/Corrections

Name	City	State	License #
Martinson, Chadwick	Tea	SD	15971

Board Meeting Examinee Report*FE Examinees For Approval*

Meeting Date: *Sept. 30, 2022*
 With Additions/Corrections

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Miller	Nicholas	FE
Berndt	Jarod	FE
York	Jessica	FE
DeVos	Daniel	FE
Fargen	Thomas	FE
Roessler	Clay	FE
De Silva	Inura	FE
Ezugu	Chidera	FE
Hekima	Messo	FE
Mueller	Tate	FE
Popp	Garrett	FE
Elgert	Jesse	FE
Mork	Carson	FE
Niklason	Cody	FE
Talcott	Evan	FE
Feldhaus	Kordell	FE
Boerboom	Noah	FE
Glines	Matthew	FE
Degen	Nicholas	FE
Klauenberg	Allea	FE
Kropuenske	Ryan	FE
Murray	Liam	FE
Neumeister	Thomas	FE
Pettit	Jacob	FE
Quade	Andrew	FE
Sees	Benjamin	FE
Sobczak	Benjamin	FE
Stegmeier	Nicholas	FE
Tarabelsi	Dante	FE
Timmer	Elisabeth	FE
Tisher	Jacob	FE
Wittrock	Brad	FE
Bergjord	Zechariah	FE
Diede	Justin	FE
Eliason	Evan	FE
Josephson	Zach	FE
Rau	Jessica	FE
Rebman	Bettina	FE
Selbach	Maxwell	FE
Tasneem	Osama	FE

Brown	Jordan	FE
Buseman	Noah	FE
Dale	Jared	FE
Glaser	Glen	FE
Goulet	Samantha	FE
Katz	Matthew	FE
Pfeiffer	Vishnu	FE
Redekopp	Emily	FE
Rost	Mitchell	FE
Van Marel	Ryan	FE
Abraham	Jacob	FE
Knight	Kaitlyn	FE