



Practice Committee Meeting

June 16, 2025 | 10:15 a.m.

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In person:

Seattle Airport Marriott

Olympia Suite

3201 S 176th Street

Seattle, WA 98188

Committee:

Doug Hendrickson, PE, Chair

Aaron Blaisdell, PLS

Dave Peden, PE, SE

Support staff:

Ken Fuller, PE, Director

Kristina Horton, PLS, Deputy Director

Jill Short, Investigations & Compliance Manager

Randy Garcia, Investigations & Compliance Manager

Shanan Gillespie, Regulatory Program Manager

Mackenzie Wherrett, Executive Assistant

Bryce Dickison, Administrative Assistant

Discussion topics

- Complaints Summary (*RG/JS*)
- Administrative Closures Report (*RG/JS*)
- Compliance Report/Noncompliance Report (*RG/JS*)
- RCW 18.43.040 draft language (*SG/EQC*)
- Approval of CR101 for WAC 196-09 (*JS/SG*)
- Approval of CR102 for WAC 196-25 Language (*SG*)
- PE Law Review Changes (*KB*)

Strategic Planning Items

- None at this time.

Complaints Summary
June 2025
(As of June 3, 2025)

Engineering: 3 complaint(s)

COMPLAINT NUMBER	ALLEGATIONS	STATUS
2025-05-1640	Services pd for. No work done, no communication	Investigation
2025-05-1641	Unprofessional conduct	Admin Review
2025-05-2037	Unprofessional conduct	Admin Review

Surveying: 4 complaint(s)

COMPLAINT NUMBER	ALLEGATIONS	STATUS
2025-04-1302	Erroneous Survey	Admin Review
2025-04-1410	Erroneous Survey	Admin Review
2025-04-1429	Unprofessional conduct	Admin Review
2025-05-1639	Erroneous Survey	Admin Review

On-site Septic System Designing: 1 complaint(s)

COMPLAINT NUMBER	ALLEGATIONS	STATUS
2025-02-0683	Unprofessional conduct	Investigation

TOTAL: 8

Administrative Closure Recommendations

June 2025

(As of June 4, 2025)

Engineering: 0 Closed

Surveying: 1 Closed

2024-05-1061-00LSV – A complaint was received alleging a company was conducting land surveying services without supervision by a licensed land surveyor. Also, failure to file proper DNR monument removal permits and refusal to reset destroyed monuments.

A response was received from a licensed Professional Land Surveyor (PLS) who verified he was the Designated Land Surveyor (DLS) for the respondent company. Licensing records confirmed the PLS is the DLS for the respondent company.

Board staff interviewed the DLS who informed them they did not do a monument permit on this job, but normally they always do one. This one just slipped through the cracks. Board Deputy Director explained the WAC/RCWs and how the company could rectify replacing the monuments. The DLS stated he now understands and will perform the proper research and file a ROS with a good narrative explaining the situation. He added he would send us a copy of the ROS once it is filed. He also let us know he is involved with every survey project the company does, and the project managers and staff know to speak with him about any concerns when working on a survey project.

A copy of the final ROS was received and reviewed. ROS met requirements. Survey has been recorded.

On-site: 0 Closed

TOTAL: 7

<p>Morta, Steven, PE 2023-02-0191-00ENG</p> <p>Stipulated Findings of Fact, Conclusion of Law, and Agreed Order</p> <p>Signed 8/3/2023 Effective 8/3/2023</p>	<p>Respondent's license to practice is suspended for two years and respondent is assessed a fine in the amount of \$5K. The license suspension and fine are stayed contingent upon compliance with the following:</p> <p>Respondent will no longer design buildings or other structures that require the preparation of structural construction documents and/or calculations without a peer review of the work.</p> <p>Respondent will enter into a peer review contract agreement for the two-year stayed suspension. The contract will be executed within 30 days of the signed AO and a copy of the finalized contract will be provided to the Board. The contract will include a requirement for a quarterly report, from the peer reviewer to the Board. The report will include project-specific summaries clearly detailing the work reviewed and the progress made by Respondent.</p> <p>During the two-year stayed suspension, Respondent will submit, to the peer reviewer, all structural engineering designs for peer review and successfully respond to peer review comments.</p> <p>During the two-year stayed suspension, Respondent will provide to the Board, monthly, a listing of and status of projects under design which include preparation of structural construction documents and/or calculations.</p>	<p>Due 9/3/2023</p> <p>12/2023 03/2024 06/2024 09/2024 12/2024 03/2025 06/2025 09/2025</p> <p>Due 09/2023 10/2023 11/2023 12/2023 01/2024 02/2024 03/2024 04/2024 05/2024 06/2024</p>	<p>8/31/2023 Rec'd a copy of peer review contract between Respondent and Patricia Rogers, PE of MET Engineering, PLLC.</p> <p>9/27/2023 Report rec'd from Respondent with list of projects.</p> <p>9/29/2023 Rec'd peer reviewer report.</p> <p>10/31/2023 Report rec'd from Respondent with list of projects.</p> <p>10/31/2023 Rec'd peer reviewer report.</p> <p>11/22/2023 Rec'd peer reviewer report.</p> <p>12/2/2023 Rec'd peer reviewer report.</p>
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		07/2024 08/2024 09/2024 10/2024 11/2024 12/2024 01/2025 02/2025 03/2025 04/2025 05/2025 06/2025 07/2025 08/2025	1/1/2024 Rec'd respondent's list of projects. 1/31/2024 Rec'd respondent's list of projects. 2/29/2024 Rec'd respondent's list of projects. 3/31/2024 Rec'd respondent's list of projects. 3/31/2024 Rec'd peer reviewer report. 4/30/24 Rec'd respondent's list of projects. 5/30/24 Rec'd respondent's list of projects. 6/28/24 Rec'd respondent's list of projects. 6/28/24 Rec'd peer reviewer report. 7/30/24 Rec'd respondent's list of projects. 8/29/24 Rec'd respondent's list of projects 09/30/24 Rec'd respondent's list of projects. 10/1/24 Rec'd peer reviewer report. 10/30/24 Rec'd respondent's list of projects. 12/2/24 Rec'd respondent's list of projects. 1/1/25 Rec'd respondent's list of projects. 1/30/25 Rec'd respondent's list of projects. 1/31/25 Rec'd peer reviewer report. 2/28/25 Rec'd respondent's list of projects. 3/30/25 Rec'd respondent's list of projects. 4/2/25 Rec'd peer reviewer report. 4/29/25 Rec'd respondent's list of projects. 5/30/25 Rec'd respondent's list of projects.
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<p>Rogers, Robert, PLS 2022-06-0883-00LSV</p> <p>Stipulated Findings of Fact, Conclusion of Law, and Agreed Order</p> <p>Signed 10/17/2024 Effective 10/17/2024</p>	<p>Respondent's license to practice is suspended for minimum of one year. Suspension is stayed contingent upon:</p> <p>Within 90 days of the agreed order the respondent will pay a fine in the amount of \$5000.</p> <p>Within ninety (90) days of the effective date of this AGREED ORDER, Respondent will provide a corrected record of survey for Board review for Parcels #0319201022 & #0319201015 located in Spanaway, WA. The corrected record of survey will comply with RCW 58.09.060(a), (e) and WAC 332-130- 030(2) and (3)(a). Once said survey is approved to meet standards, the Respondent will file the Amended Record of Survey with the appropriate county auditor's office.</p>	<p>Due 1/17/25</p> <p>Due 1/17/25</p>	<p>Received 10/29/24.</p> <p>12/19/24 Rec'd AROS from respondent.</p> <p>1/9/25 Emailed respondent – AROS still does not meet requirements.</p> <p>1/17/25 Rec'd AROS – changes approved. Resp instructed to file AROS.</p>

<p>Kent Huxel 2023-01-0098-00LSV</p> <p>Agreed Findings of Fact, Conclusion of Law, and Order to Permanently Cease and Desist</p> <p>Signed 10/17/2024 Effective 10/17/2024</p>	<p>Mr. Huxel agrees he will not seek licensure as a professional land surveyor, professional engineer, or on-site septic system designer for TEN (10) years from the date an Agreed Order is signed by the Board.</p> <p>Mr. Huxel agrees he will not own or operate a land surveying, engineering, or on-site septic system design business for TEN (10) years from the date an Agreed Order is signed by the Board.</p> <p>Mr. Huxel agrees he will not advertise to provide services requiring BRPELS licensure until properly licensed under Chapter 18.43 RCW.</p> <p>Mr. Huxel agrees his experience previous to and through the date the Board signs the Agreed Order will not count towards licensure requirements. Otherwise, any education must be approved and accepted by the Board. RCW 18.43.040, including his education previous to and through the date the Board signs the Agreed Order.</p> <p>Mr. Huxel, agrees that, after the TEN (10) year prohibition on license application, when he applies for licensure, he will apply with a National Council of Examiners for Engineering and Surveying (NCEES) record and comply with all other NCEES requirements. BRPELS will notify NCEES of Mr. Huxel's TEN (10) year exam and license prohibition.</p> <p>Mr. Huxel agrees to be subject to compliance monitoring by a peer reviewer, approved by BRPELS, for the first two (2) years after he is licensed. Mr. Huxel would be responsible for all costs related to the peer review, and all</p>	<p>\$5000 fine due 10/17/2025</p>	<p>1/30/25 – Currently in compliance.</p>
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	<p>work by the peer reviewer must be completed pursuant to a contract. The signed contract will be provided to the Board and a progress report from the peer reviewer will be sent to the Board on a quarterly basis.</p> <p>Mr. Huxel agrees to pay a \$5,000 fine related to the Current Case (Case No. 2023-01-0098-00LSV). This fine must be paid within 12 months from the date an Agreed Order is signed by the Board. Fines shall be paid by Cashier Check or Money Orders payable to Board of Registration for Professional Engineers and Land Surveyors (BRPELS), must have Case No. 2023-01-0098-00LSV written on the payment instrument.</p> <p>BRPELS will suspend the \$30,000 fine imposed in Cases 2021-08-2070-00LSV and 2022-10-1445-00LSV for TEN (10) years from the date an Agreed Order is signed by the Board. After 10 years, if the Board has not issued a Final Order against Mr. Huxel evidencing additional violations under BRPELS jurisdiction, and Mr. Huxel has otherwise complied with the terms and conditions from the Current Case and the Agreed Order, BRPELS will permanently waive the entire \$30,000 fine from Cases 2021-08-2070-00LSV and 2022-10-1445-00LSV.</p> <p>BRPELS agrees not to pursue a Civil Action against Mr. Huxel with respect to Cases 2021-08-2070-00LSV and 2022-10-1445-00LSV so long as Mr. Huxel complies with the terms and conditions of the Agreed Order.</p> <p>4.10 BRPELS agrees not to refer Cases 2021-08-2070-00LSV and 2022-10-1445-00LSV</p>		
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	for criminal prosecution as allowed by RCW 18.235.170, RCW 18.43.110, and RCW 18.43.120, so long as Mr. Huxel complies with the terms and conditions of the Agreed Order.		
<p>Riipinen, Jared, PLS 2024-09-2412-00LSV 2024-04-0720-00LSV 2024-05-1121-00LSV 2023-04-0553-00LSV 2024-02-0420-00LSV</p> <p>Findings of Fact, Conclusion of Law, and Default Order</p> <p>Signed 02/13/2025 Effective 02/13/2025</p>	<p>Respondent's license to practice is suspended for 10 years:</p> <p>During the ten-year suspension, Respondent will not own or operate a land surveying, engineering, or on-site septic system design business.</p> <p>During the ten-year suspension, Respondent will not advertise or offer to provide land surveying services.</p> <p>Following the ten-year suspension, should the Respondent desire to reinstate his license, he will reapply for reinstatement and take and pass the Law and Ethics Exam.</p>	<p>Due 02/13/35</p>	<p>No request for an appeal was received by the respondent.</p>

AN ACT Relating to updating the professional engineers' registration act, including by removing obsolete language and updating pro tem membership; amending RCW 18.43.030, 18.43.033, 18.43.035, 18.43.040, 18.43.050, 18.43.060, 18.43.070, 18.43.080, 18.43.130, 18.43.150, 18.43.170, and 18.43.200; and reenacting and amending RCW 18.43.020.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

Sec. 1. RCW 18.43.020 and 2019 c 442 s 8 are each reenacted and amended to read as follows:

The definitions in this section apply throughout this chapter unless the context clearly requires otherwise.

(1) "Board" means the state board of registration for professional engineers and land surveyors, provided for by this chapter.

(2) "Director" means the ((executive)) director of the Washington state board of registration for professional engineers and land surveyors.

~~(3) "Engineer" means a professional engineer as defined in this section.~~RESERVED

(4) "Engineer-in-training" means a candidate who: (a) Has satisfied the experience requirements in RCW 18.43.040 for registration; (b) has successfully passed the examination in the fundamental engineering subjects; and (c) is enrolled by the board as an engineer-in-training.

(5) "Engineering" means the "practice of engineering" as defined in this section.

~~(6) "Land surveyor" means a professional land surveyor.~~RESERVED

(7) "Land-surveyor-in-training" means a candidate who: (a) Has satisfied the experience requirements in RCW 18.43.040 for registration; (b) successfully passes the examination in the

fundamental land surveying subjects; and (c) is enrolled by the board as a land-surveyor-in-training.

(8) (a) "Practice of engineering" means any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical, and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects.

(b) A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this chapter, who practices any branch of the profession of engineering; or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself or herself to be a professional engineer, or through the use of some other title implies that he or she is a professional engineer; or who holds himself or herself out as able to perform, or who does perform, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering.

(c) The practice of engineering does not include the work ordinarily performed by persons who operate or maintain machinery or equipment.

(9) "Practice of land surveying" means assuming responsible charge of the surveying of land for the establishment of corners, lines, boundaries, and monuments, the laying out and subdivision of land, the defining and locating of corners, lines, boundaries, and monuments of land after they have been established, the survey of land areas for the purpose of determining the topography thereof, the making of topographical delineations and the preparing of maps

and accurate records thereof, when the proper performance of such services requires technical knowledge and skill.

(10) "Professional engineer" means a person who, by reason of his or her special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design, acquired by professional education and practical experience, is qualified to practice engineering as defined in this section, as attested by his or her legal registration as a professional engineer.

(11) "Professional land surveyor" means a person who, by reason of his or her special knowledge of the mathematical and physical sciences and principles and practices of land surveying, which is acquired by professional education and practical experience, is qualified to practice land surveying and as attested to by his or her legal registration as a professional land surveyor.

(12) "Significant structures" include:

(a) Hazardous facilities, defined as: Structures housing, supporting, or containing sufficient quantities of explosive substances to be of danger to the safety of the public if released;

(b) Essential facilities that have a ground area of more than five thousand square feet and are more than twenty feet in mean roof height above average ground level. Essential facilities are defined as:

(i) Hospitals and other medical facilities having surgery and emergency treatment areas;

(ii) Fire and police stations;

(iii) Tanks or other structures containing, housing, or supporting water or fire suppression material or equipment required for the protection of essential or hazardous facilities or special occupancy structures;

(iv) Emergency vehicle shelters and garages;

(v) Structures and equipment in emergency preparedness centers;

(vi) Standby power-generating equipment for essential facilities;

(vii) Structures and equipment in government communication centers and other facilities requiring emergency response;

(viii) Aviation control towers, air traffic control centers, and emergency aircraft hangars; and

(ix) Buildings and other structures having critical national defense functions;

(c) Structures exceeding one hundred feet in height above average ground level;

(d) Buildings that are customarily occupied by human beings and are five stories or more above average ground level;

(e) Bridges having a total span of more than two hundred feet and piers having a surface area greater than ten thousand square feet; and

(f) Buildings and other structures where more than three hundred people congregate in one area.

Sec. 2. RCW 18.43.030 and 2011 c 336 s 481 are each amended to read as follows:

A state board of registration for professional engineers and land surveyors is hereby created which shall exercise all of the powers and perform all of the duties conferred upon it by this chapter. ~~((After July 9, 1986, the))~~ The board shall consist of seven members, who shall be appointed by the governor and shall have the qualifications as hereinafter required. ~~((The terms of board members in office on June 11, 1986, shall not be affected. The first additional member shall be appointed for a four year term and the second additional member shall be appointed for a three year term.))~~ On the expiration of the term of any member, the governor shall appoint a successor for a term of five years to take the place of the member whose term on said board is about to expire. However, no member shall serve more than two consecutive terms on the board.

Each member shall hold office until the expiration of the term for which such member is appointed or until a successor qualified as described in this chapter shall have been duly appointed (~~(and shall have qualified)~~).

Five members of the board shall be registered professional engineers licensed under the provisions of this chapter. Two members shall be registered professional land surveyors licensed under this chapter. Each of the members of the board shall have been actively engaged in the practice of engineering or land surveying for at least (~~ten~~) 10 years subsequent to registration, five of which shall have been immediately prior to their appointment to the board.

Each member of the board shall ~~be a citizen of the United States and shall~~ have been a resident of this state for at least five years immediately preceding his or her appointment.

Commented [SG1]: This language was stricken last session in HB 1104

Each member of the board shall be compensated in accordance with RCW 43.03.240 and, in addition thereto, shall be reimbursed for travel expenses incurred in carrying out the provisions of this chapter in accordance with RCW 43.03.050 and 43.03.060.

The governor may remove any member of the board for misconduct, incompetency, or neglect of duty. Vacancies in the membership of the board shall be filled for the unexpired term by appointment by the governor as hereinabove provided.

Sec. 3. RCW 18.43.033 and 1997 c 247 s 1 are each amended to read as follows:

Upon request of the board, (~~(and with approval of the director, the board chair shall appoint up to two individuals to serve as pro tem members of the board. The appointments are limited, as defined by the board chair, for the purpose of participating as a temporary member of the board on any combination of one or more committees or formal disciplinary hearing panels. An appointed individual must meet the same qualifications as a regular member of the board)~~) the director shall select a candidate for a pro tem board member

position and upon approval of the board, the board chair shall make the appointment. Up to three individuals may serve as pro tem board members. A pro tem board member will be participating as a temporary member of the board and perform services as needed and determined by the director, including ensuring sufficient case reviewers, forming a quorum at a board meeting, serving on any combination of one or more committees, or participating as needed at formal disciplinary hearings. An appointed individual must be registered under this chapter or licensed under chapter 18.210 RCW for a minimum of five years immediately prior to the appointment. While serving as a board member pro tem, an appointed person has all the powers, duties, and immunities of a regular member of the board and is entitled to the same compensation, including travel expenses, in accordance with RCW 18.43.030. A pro tem appointment may not last for more than ((~~one hundred eighty~~)) 180 days unless approved by the director.

Sec. 4. RCW 18.43.035 and 2020 c 47 s 1 are each amended to read as follows:

(1) The board may adopt and amend bylaws establishing its organization and method of operation, including but not limited to meetings, maintenance of books and records, publication of reports, code of ethics, and rosters, and adoption and use of a seal.

(2) Four members of the board shall constitute a quorum for the conduct of any business of the board.

(3) The board shall appoint its director, who must hold a valid Washington license as a professional engineer or professional land surveyor.

(4) The board may employ such persons as are necessary to carry out its duties under this chapter.

(5) It may adopt rules reasonably necessary to administer the provisions of this chapter. The board shall submit to the governor periodic reports as may be required. A roster, showing the names and ((~~places of business~~)) mailing addresses of all registered

professional engineers and professional land surveyors may be published for distribution, upon request, to professional engineers and professional land surveyors registered under this chapter and to the public.

Sec. 5. RCW 18.43.040 and 2007 c 193 s 1 are each amended to read as follows:

~~(1)~~ The following will be considered as minimum evidence satisfactory to the board that the applicant is qualified for registration as a professional engineer, ~~engineer in training~~ structural engineer, or professional land surveyor. ~~or land surveyor in training, respectively.~~

~~(a)(i) As a (1) professional~~ Professional engineer. To be licensed as a professional engineer, an applicant must meet the following requirements:

(a) Examination requirements: An applicant must have received passing scores on examinations required by the board which include:

(i) A board approved examination on the fundamentals of engineering which tests the applicant's knowledge of appropriate fundamentals of engineering subjects, including mathematics and the basic sciences.

(ii) A board approved examination on the principles and practice of engineering which tests the applicant's ability to apply knowledge and experience in the engineering field.

(iii) Other examinations as determined by the board.

(b) Experience requirements: A specific record of eight years or more of experience in engineering work of a character satisfactory to the board and indicating showing that the applicant is competent to practice engineering. ~~, and successfully passing a written or oral examination, or both, in engineering as prescribed by the board.~~

(i) Education and/or teaching at a college or university may constitute a portion of the required experience as follows:

~~(iiA)~~ An undergraduate degree, or its equivalent, Graduation in an approved engineering curriculum program of four years or more from a school or college approved by the board ((as of satisfactory standing)) shall will be considered the equivalent to of four years of such required experience.

(B) The satisfactory Satisfactory completion of each year of such an approved engineering course program without graduation shall may be considered as the equivalent to of one year of such required experience at the discretion of the board.

(C) An undergraduate degree in a non-engineering program may Graduation in a curriculum other than engineering from a school or college approved by the board shall be considered as ((equivalent)) the equivalent of up to two years of such required engineering experience at the discretion of the board.

(D) No However, no applicant shall receive credit for more than four years of experience because of undergraduate educational qualifications will be granted for undergraduate education.

(E) Experience The board may be granted for teaching and, at its discretion, give credit as experience not in excess of one year, for satisfactory postgraduate study in engineering education as further defined by, and at the discretion of, the board.

(iii) The mere execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of such work as a foreman or superintendent shall not be deemed to be practice of engineering.

(2) Structural engineer. Structural engineering is recognized as a specialized branch of professional engineering. A professional engineer must be registered as a structural engineer to provide structural engineering services for significant structures. To become licensed as a structural engineer, To receive a certificate of registration in structural engineering, an applicant must meet the following requirements:

(a) ~~hold~~ Hold a current registration as a professional engineer in this state.

(b) Have ~~in engineering and have~~ at least two years of structural engineering experience, of a character satisfactory to the board, in addition to the eight years' experience required for registration as a professional engineer.

(c) An applicant ~~for registration as a structural engineer~~ must also pass ~~an~~ additional examinations as prescribed by the board.

~~(iv) An engineer must be registered as a structural engineer in order to provide structural engineering services for significant structures. ((The board may waive the requirements of this subsection (1)(a)(iv) until December 31, 2010, if:~~

~~(A) On January 1, 2007, the engineer is registered with the board as a professional engineer; and~~

~~(B) Within two years of January 1, 2007, the engineer demonstrates to the satisfaction of the board that the engineer has sufficient experience in the duties typically provided by a professional structural engineer regarding significant structures.))~~

~~(b)(i) As an engineer-in-training: An applicant for registration as a professional engineer shall take the prescribed examination in two stages. The first stage of the examination may be taken upon submission of his or her application for registration as an engineer-in-training and payment of the application fee prescribed in RCW 18.43.050 at any time after the applicant has completed four years of the required engineering experience, as defined in this section, or has achieved senior standing in a school or college approved by the board. The first stage of the examination shall test the applicant's knowledge of appropriate fundamentals of engineering subjects, including mathematics and the basic sciences.~~

~~(ii) At any time after the completion of the required eight years of engineering experience, as defined in this section, the applicant may take the second stage of the examination upon submission of an application for registration and payment of the~~

~~application fee prescribed in RCW 18.43.050. This stage of the examination shall test the applicant's ability, upon the basis of his or her greater experience, to apply his or her knowledge and experience in the field of his or her specific training and qualifications.~~

~~(e)(i)~~ (3) Professional land surveyor. To be licensed as a professional land surveyor, an applicant must meet the following requirements:

(a) Examination requirements: An applicant must have received passing scores on examinations required by the board which include:

(i) A board approved examination on the fundamentals of surveying which tests the applicant's knowledge of appropriate fundamentals of land surveying subjects, including mathematics and the basic sciences.

(ii) A board approved examination on the principles and practice of surveying which tests the applicant's ability to apply knowledge and experience in the land surveying field.

(iii) Other examinations as determined by the board.

(b) Experience requirements. ~~As a professional land surveyor:~~ A specific record of eight years or more of experience in land surveying work of a character satisfactory to the board and ~~indicating showing~~ that the applicant is competent to practice land surveying, ~~and successfully passing a written or oral examination, or both, in surveying as prescribed by the board.~~

(i) The experience must be broad based and progressive to include gaining knowledge and comprehension of land surveying subjects and applying land surveying principles.

(ii) Education and/or teaching at a college or university may constitute a portion of the required experience as follows:

(A) An undergraduate degree, or its equivalent, in a land surveying program ~~Graduation from a school or college approved by the board as of satisfactory standing, including the completion of~~

~~an approved course in surveying, shall~~will be considered the
equivalent ~~to of~~ four years of ~~the required~~ experience.

(B) Satisfactory completing of each year of a land surveying
program may be considered the equivalent of one year of experience
at the discretion of the board.

(C) An undergraduate degree in a non-land surveying program may
be considered the equivalent of up to two years of land surveying
experience at the discretion of the board.

(D) No more than four years of experience will be granted for
undergraduate education.

(E) Experience may also be granted for teaching and post-
graduate education as further defined by, and at the discretion of,
the board.

~~Postgraduate college courses approved by the board shall be
considered for up to one additional year of the required experience.~~

~~(d) (i) As a land surveyor in training: An applicant for
registration as a professional land surveyor shall take the
prescribed examination in two stages. The first stage of the
examination may be taken upon submission of his or her application
for registration as a land surveyor in training and payment of the
application fee prescribed in RCW 18.43.050 at any time after the
applicant has completed four years of the required land surveying
experience, as defined in this section, or has achieved senior
standing in a school or college approved by the board. The first
stage of the examination shall test the applicant's knowledge of
appropriate fundamentals of land surveying subjects, including
mathematics and the basic sciences.~~

~~(ii) At any time after the completion of the required eight
years of land surveying experience, as defined in this section, the
applicant may take the second stage of the examination upon
submission of an application for registration and payment of the
application fee prescribed in RCW 18.43.050. This stage of the
examination shall test the applicant's ability, upon the basis of~~

~~greater experience, to apply knowledge and experience in the field of land surveying.~~

~~(iii) The first stage shall be successfully completed before the second stage may be attempted. ((Applicants who have been approved by the board to take the examination based on the requirement for six years of experience under this section before July 1, 1996, are eligible to sit for the examination.))~~

~~(2) No person shall be eligible for registration as a professional engineer, engineer in training, professional land surveyor, or land surveyor in training, who is not of good character and reputation.~~

~~(3) Teaching, of a character satisfactory to the board shall be considered as experience not in excess of two years for the appropriate profession.~~

The following will be considered as minimum evidence satisfactory to the board that the applicant is qualified as an engineer-in-training or land surveyor-in-training.

(4) Engineer-in-training: An applicant that has completed four years of experience of the type outlined in (1)(b) of this section and has received a passing score on a board approved examination on the fundamentals of engineering may apply for an engineer-in-training certificate from the board.

(5) Land surveyor-in-training: An applicant that has completed four years of experience of the type outlined in (3)(b) of this section and has received a passing score on a board approved examination on the fundamentals of land surveying may apply for a land surveyor-in-training certificate from the board. ~~The mere execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of such work as a foreman or superintendent shall not be deemed to be practice of engineering.~~

(56) Any person having the necessary qualifications prescribed in this chapter to entitle ~~him or her~~themselves to registration shall be eligible for such registration although the person may not be practicing ~~his or her~~their profession at the time of making ~~his or her~~ application.

Sec. 6. RCW 18.43.050 and 2019 c 442 s 5 are each amended to read as follows:

Application for registration shall be on forms prescribed by the board and furnished by the director, shall contain statements made under oath, showing the applicant's education and detail summary of his or her technical work, and shall contain verification of the technical work from professional engineers and/or professional land surveyors that supervised the applicant's technical work and have personal knowledge of the applicant's engineering and/or land surveying experience.

The registration fee for professional engineers shall be determined by the board, which shall accompany the application and shall include the cost of ~~((examination))~~ application processing and issuance of certificate. The fee for engineer-in-training shall be determined by the board, which shall accompany the application and shall include the cost of ~~((examination))~~ application processing and issuance of certificate.

The registration fee for professional land surveyors shall be determined by the board, which shall accompany the application and shall include the cost of ~~((examination))~~ application processing and issuance of certificate. The fee for land-surveyor-in-training shall be determined by the board, which shall accompany the application and shall include the cost of ~~((examination))~~ application processing and issuance of certificate.

All registration fees are nonrefundable. Should the board find an applicant ineligible for registration, the registration fee shall be retained as an application fee.

Sec. 7. RCW 18.43.060 and 2019 c 442 s 9 are each amended to read as follows:

When oral or written examinations are required, they shall be held at such time and place as the board shall determine. If examinations are required on fundamental engineering subjects (such as ordinarily given in college curricula) the applicant shall be permitted to take this part of the professional examination prior to his or her completion of the requisite years of experience in engineering work. The board shall issue to each applicant upon successfully passing the examination in fundamental engineering or land surveying subjects a certificate stating that the applicant has passed the examination in fundamental ~~((engineering))~~ subjects and that ~~((his or her))~~ the applicant's name has been recorded as an engineer-in-training or land surveyor-in-training.

The scope of the examination and the methods of procedure shall be prescribed by the board with special reference to the applicant's ability to design and supervise engineering works ~~((so as to insure))~~ to ensure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in engineering and in land surveying. ~~A candidate failing an examination may apply for reexamination. Subsequent examinations will be granted upon payment of a fee to be determined by the board.~~

Commented [SG2]: Marjorie Lund edit.

Sec. 8. RCW 18.43.070 and 2019 c 442 s 10 are each amended to read as follows:

The board shall issue a certificate of registration upon payment of a registration fee as provided for in this chapter, to any applicant who, in the opinion of the board, has satisfactorily met all the requirements of this chapter. In case of a registered professional engineer, the certificate shall authorize the practice of "professional engineering" and specify the branch or branches in which specialized, and in case of a registered professional land

surveyor, the certificate shall authorize the practice of "land surveying."

In case of engineer-in-training, the certificate shall state that the applicant has successfully passed the examination in fundamental engineering subjects required by the board and has been enrolled as an "engineer-in-training." In case of land-surveyor-in-training, the certificate shall state that the applicant has successfully passed the examination in fundamental surveying subjects required by the board and has been enrolled as a "land-surveyor-in-training." All certificates of registration shall show the full name of the registrant, shall have a serial number, and shall be signed by the chair and the ~~((secretary of the board and by the))~~ director.

The issuance of a certificate of registration by the board shall be prima facie evidence that the person named therein is entitled to all the rights and privileges of a registered professional engineer or a registered professional land surveyor, while the said certificate remains unrevoked and unexpired.

Each registrant hereunder shall upon registration obtain a seal of the design authorized by the board, bearing the registrant's name and the legend "registered professional engineer" or "registered professional land surveyor." Plans, specifications, plats, and reports prepared by the registrant shall be signed, dated, and stamped with said seal or facsimile thereof. Such signature and stamping shall constitute a certification by the registrant that the same was prepared by or under his or her direct supervision and that to his or her knowledge and belief the same was prepared in accordance with the requirements of the statute. It shall be unlawful for anyone to stamp or seal any document with said seal or facsimile thereof after the certificate of registrant named thereon has expired or been revoked, unless said certificate shall have been renewed or reissued.

Sec. 9. RCW 18.43.080 and 2019 c 442 s 11 are each amended to read as follows:

(1) Certificates of registration~~((7))~~ and certificates of authorization ~~((and renewals thereof, shall expire on the last day of the month of December following their issuance or renewal and shall become invalid on that date unless renewed))~~ issued under this chapter are valid for a period of time as determined by the board. It shall be the duty of the board to notify every person, firm, or corporation registered under this chapter of the date of the expiration of ~~((his or her))~~ the certificate and the amount of the renewal fee ~~((that shall be required for its renewal for one year. Such notice shall be mailed at least thirty days before the end of December of each year. Renewal may be effected during the month of December by the payment of a fee determined by the board))~~. In case any professional engineer ~~((and/))~~ or professional land surveyor registered under this chapter ~~((shall))~~ fails to pay the renewal fee ~~((hereinabove provided for, within ninety days from the date when the same shall become due, the renewal fee shall be the current))~~ within 90 days following the expiration date, the professional engineer or professional land surveyor must pay the current renewal fee plus an amount equal to one year's fee.

(2) ~~((Beginning July 1, 2007, the))~~ The board may not renew a certificate of registration for a professional land surveyor unless the registrant verifies to the board that he or she has completed at least ~~((fifteen))~~ 15 hours of continuing professional development per year of the registration period. ~~((By July 1, 2006, the board shall adopt rules governing continuing professional development for land surveyors that are generally patterned after the model rules of the national council of examiners for engineering and surveying.))~~

Sec. 10. RCW 18.43.130 and 2019 c 442 s 3 are each amended to read as follows:

This chapter shall not be construed to prevent or affect:

(1) The practice of any other legally recognized profession or trade; ~~((or))~~

(2) The practice of a person not a resident and having no established place of business in this state, practicing or offering to practice herein the profession of engineering or land surveying, when such practice does not exceed in the aggregate more than ~~((thirty))~~ 30 days in any calendar year: PROVIDED, Such person has been determined by the board to be legally qualified by registration to practice the said profession in his or her own state or country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this chapter. The person shall request such a determination by completing an application prescribed by the board and accompanied by a fee determined by the board. Upon approval of the application, the board shall issue a permit authorizing temporary practice; ~~((or))~~

(3) The practice of a person not a resident and having no established place of business in this state, or who has recently become a resident thereof, practicing or offering to practice herein for more than ~~((thirty))~~ 30 days in any calendar year the profession of engineering or land surveying, if he or she shall have filed with the board an application for a certificate of registration and shall have paid the fee required by this chapter: PROVIDED, That such person is legally qualified by registration to practice engineering or land surveying in his or her own state or country in which the requirements and qualifications of obtaining a certificate of registration are not lower than those specified in this chapter. Such practice shall continue only for such time as the board requires for the consideration of the application for registration; ~~((or))~~

(4) The work of an employee or a subordinate of a person holding a certificate of registration under this chapter, or an employee of a person practicing lawfully under provisions of this section: PROVIDED, That such work does not include final design or decisions

and is done under the direct responsibility, checking, and supervision of a person holding a certificate of registration under this chapter or a person practicing lawfully under the provisions of this section; ~~((or))~~

(5) The work of a person rendering engineering or land surveying services to a corporation, as an employee of such corporation, when such services are rendered in carrying on the general business of the corporation and such general business does not consist, either wholly or in part, of the rendering of engineering services to the general public: PROVIDED, That such corporation employs at least one person holding a certificate of registration under this chapter or practicing lawfully under the provisions of this chapter; ~~((or))~~

(6) The practice of officers or employees of the government of the United States while engaged within the state in the practice of the profession of engineering or land surveying for the government of the United States; ~~((or))~~

(7) Nonresident engineers employed for the purpose of making engineering examinations; ~~((or))~~

(8) (a) The practice of engineering or land surveying, or both, in this state by a corporation ~~((or joint stock association))~~: PROVIDED, That

~~((a))~~ (i) The corporation has filed with the board an application for certificate of authorization upon a form to be prescribed by the board and containing information required to enable the board to determine whether such corporation is qualified in accordance with this chapter to practice engineering or land surveying, or both, in this state;

~~((b))~~ (ii) For engineering, the corporation has filed with the board a certified copy of a resolution of the board of directors of the corporation that shall designate a person holding a certificate of registration under this chapter as responsible for the practice of engineering by the corporation in this state and shall provide that full authority to make all final engineering decisions on

behalf of the corporation with respect to work performed by the corporation in this state shall be granted and delegated by the board of directors to the person so designated in the resolution. For land surveying, the corporation has filed with the board a certified copy of a resolution of the board of directors of the corporation which shall designate a person holding a certificate of registration under this chapter as responsible for the practice of land surveying by the corporation in this state and shall provide full authority to make all final land surveying decisions on behalf of the corporation with respect to work performed by the corporation in this state be granted and delegated by the board of directors to the person so designated in the resolution. If a corporation offers both engineering and land surveying services, the board of directors shall designate both a licensed professional engineer and a licensed professional land surveyor. If a person is licensed in both engineering and land surveying, the person may be designated for both professions. The resolution shall further state that the bylaws of the corporation shall be amended to include the following provision: "The designated professional engineer or professional land surveyor, respectively, named in the resolution as being in responsible charge, or ~~an~~ a professional engineer or professional land surveyor under the designated professional engineer or professional land surveyor's direct supervision, shall make all engineering or land surveying decisions pertaining to engineering or land surveying activities in the state of Washington." However, the filing of the resolution shall not relieve the corporation of any responsibility or liability imposed upon it by law or by contract;

~~((e))~~ (iii) If there is a change in the designated professional engineer or designated professional land surveyor, the corporation shall notify the board in writing within ~~((thirty))~~ 30 days after the effective date of the change. If the corporation changes its name, the corporation shall submit a copy of its amended certificate of authority or amended certificate of incorporation as

filed with the secretary of state within (~~(thirty)~~) 30 days of the filing;

~~((+a))~~ (iv) Upon the filing with the board the application for certificate for authorization, certified copy of resolution and an affidavit, and the designation of a designated professional engineer or designated professional land surveyor, or both, specified in ~~((+b))~~ (a)(ii) of this subsection, the board shall issue to the corporation a certificate of authorization to practice engineering or land surveying, or both, in this state upon a determination by the board that:

~~((+i))~~ (A) The designated professional engineer or designated professional land surveyor, or both, hold a certificate of registration in this state in accordance with this chapter and the certificate is in force;

~~((+ii))~~ (B) The designated professional engineer or designated professional land surveyor, or both, are not designated in responsible charge for another corporation or a limited liability company;

~~((+iii))~~ (C) The corporation is licensed with the secretary of state and holds a current unified business identification number and the board determines, based on evaluating the findings and information in this section, that the applicant corporation possesses the ability and competence to furnish engineering or land surveying services, or both, in the public interest; and

~~((+iv))~~ (D) The corporation is registered with the department of revenue pursuant to RCW 82.32.030.

(b) The board may exercise its discretion to take any of the actions under RCW 18.235.110 or this chapter with respect to a certificate of authorization issued to a corporation if the board finds that any of the officers, directors, incorporators, or the stockholders holding a majority of stock of such corporation has engaged in unprofessional conduct as defined in RCW 18.43.105 or 18.235.130 or has been found personally responsible for

unprofessional conduct under ~~((f) and (g))~~ (d) and (e) of this subsection.

~~((e) Engineers or)~~ (c) Professional engineers or professional land surveyors organized as a professional service corporation under chapter 18.100 RCW are exempt from applying for a certificate of authorization under this chapter.

~~((f))~~ (d) Any corporation authorized to practice engineering or land surveying under this chapter, together with its directors and officers for their own individual acts, are responsible to the same degree as an individual registered professional engineer or individual registered professional land surveyor, and must conduct its business without unprofessional conduct in the practice of engineering or the practice of land surveying as defined in this chapter and RCW 18.235.130.

~~((g))~~ (e) Any corporation that is certified under this chapter is subject to the authority of the board as provided in RCW 18.43.035, 18.43.105, 18.43.110, 18.43.120, and chapter 18.235 RCW.

~~((h))~~ (f) All plans, specifications, designs, and reports when issued in connection with work performed by a corporation under its certificate of authorization shall be prepared by or under the direct supervision of and shall be signed by and shall be stamped with the official seal of a person holding a certificate of registration under this chapter.

~~((i))~~ (g) For each certificate of authorization issued under this subsection (8) there shall be paid an initial fee determined by the board and an annual renewal fee determined by the board~~((i))~~;

(9) The practice of engineering and/or land surveying in this state by a partnership if the partnership employs at least one person holding a valid certificate of registration under this chapter to practice engineering or land surveying, or both~~((i))~~
~~The board shall not issue certificates of authorization to partnerships after July 1, 1998. Partnerships currently registered with the board~~

~~are not required to pay an annual renewal fee after July 1, 1998.))~~;
or

(10) (a) The practice of engineering or land surveying, or both, in this state by limited liability companies: Provided, That

~~((a))~~ (i) The limited liability company has filed with the board an application for certificate of authorization upon a form to be prescribed by the board and containing information required to enable the board to determine whether the limited liability company is qualified under this chapter to practice either or both engineering or land surveying in this state.

~~((b))~~ (ii) The limited liability company has filed with the board a certified copy of a resolution by the company manager or managers that shall designate a person holding a certificate of registration under this chapter as being responsible for the practice of engineering or land surveying, or both, by the limited liability company in this state and that the designated person has full authority to make all final engineering or land surveying decisions on behalf of the limited liability company with respect to work performed by the limited liability company in this state. The resolution shall further state that the limited liability company agreement shall be amended to include the following provision: "The designated professional engineer or professional land surveyor, respectively, named in the resolution as being in responsible charge, or a ~~a~~ professional engineer or professional land surveyor under the designated professional engineer or professional land surveyor's direct supervision, shall make all engineering or land surveying decisions pertaining to engineering or land surveying activities in the state of Washington." However, the filing of the resolution shall not relieve the limited liability company of responsibility or liability imposed upon it by law or by contract.

~~((c))~~ (iii) (A) The designated professional engineer for the limited liability company must hold a current professional engineer license issued by this state.

(B) The designated professional land surveyor for the limited liability company must hold a current professional land surveyor license issued by this state.

(C) If a person is licensed as both a professional engineer and as a professional land surveyor in this state, then the limited liability company may designate the person as being in responsible charge for both professions.

(D) If there is a change in the designated professional engineer or designated professional land surveyor, the limited liability company shall notify the board in writing within ~~((thirty))~~ 30 days after the effective date of the change. If the limited liability company changes its name, the company shall submit to the board a copy of the certificate of amendment filed with the secretary of state's office.

~~((+d))~~ (iv) Upon the filing with the board the application for certificate of authorization, a certified copy of the resolution, and an affidavit from the designated professional engineer or the designated professional land surveyor, or both, specified in ~~((+b) and (+e))~~ (a) (ii) and (iii) (A) of this subsection, the board shall issue to the limited liability company a certificate of authorization to practice engineering or land surveying, or both, in this state upon determination by the board that:

~~((+i))~~ (A) The designated professional engineer or designated professional land surveyor, or both, hold a certificate of registration in this state under this chapter and the certificate is in force;

~~((+ii))~~ (B) The designated professional engineer or designated professional land surveyor, or both, are not designated in responsible charge for another limited liability company or a corporation;

~~((+iii))~~ (C) The limited liability company is licensed with the secretary of state and has a current unified business identification number and that the board determines, based on evaluating the

findings and information under this subsection, that the applicant limited liability company possesses the ability and competence to furnish either or both engineering or land surveying services in the public interest; and

~~((iv))~~ (D) The limited liability company is registered with the department of revenue pursuant to RCW 82.32.030.

(b) The board may exercise its discretion to take any of the actions under RCW 18.235.110 and 18.43.105 with respect to a certificate of authorization issued to a limited liability company if the board finds that any of the managers or members holding a majority interest in the limited liability company has engaged in unprofessional conduct as defined in RCW 18.43.105 or 18.235.130 or has been found personally responsible for unprofessional conduct under the provisions of ~~((f) and (g))~~ (d) and (e) of this subsection.

~~((e) Engineers or)~~ (c) Professional engineers or professional land surveyors organized as a professional limited liability company are exempt from applying for a certificate of authorization under this chapter.

~~((f))~~ (d) Any limited liability company authorized to practice engineering or land surveying, or both, under this chapter, together with its manager or managers and members for their own individual acts, are responsible to the same degree as an individual registered professional engineer or registered professional land surveyor, and must conduct their business without unprofessional conduct in the practice of engineering or land surveying, or both.

~~((g))~~ (e) A limited liability company that is certified under this chapter is subject to the authority of the board as provided in RCW 18.43.035, 18.43.105, 18.43.110, 18.43.120, and chapter 18.235 RCW.

~~((h))~~ (f) All plans, specifications, designs, and reports when issued in connection with work performed by a limited liability company under its certificate of authorization shall be prepared by

or under the direct supervision of and shall be signed by and shall be stamped with the official seal of a person holding a certificate of registration under this chapter.

~~((i))~~ (g) For each certificate of authorization issued under this subsection (10) there shall be paid an initial fee determined by the board and an annual renewal fee determined by the board.

Sec. 11. RCW 18.43.150 and 2019 c 442 s 14 are each amended to read as follows:

The board shall set fees at a level adequate to pay the costs of administering this chapter. All fees collected under the provisions of RCW 18.43.050, 18.43.060, 18.43.080, 18.43.100, and 18.43.130 and fines collected under RCW 18.43.110 shall be paid into the ~~((professional engineers'))~~ board's account, which account is hereby established in the state treasury to be used to carry out the purposes and provisions of RCW 18.43.050, 18.43.060, 18.43.080, 18.43.100, 18.43.110, 18.43.120, 18.43.130, and all other duties required for operation and enforcement of this chapter. ~~((During the 2013-2015 and 2015-2017 fiscal biennia, the legislature may transfer moneys from the professional engineers' account to the state general fund such amounts as reflect the excess fund balance of the fund.))~~

Sec. 12. RCW 18.43.170 and 1997 c 58 s 821 are each amended to read as follows:

The board shall immediately suspend the registration of a person who has been certified pursuant to RCW 74.20A.320 by the department of social and health services as a person who is not in compliance with a support order ~~((or a residential or visitation order))~~. If the person has continued to meet all other requirements for ~~((membership))~~ registration during the suspension, reissuance of the certificate of registration shall be automatic upon the board's receipt of a release issued by the department of social and health services stating that the person is in compliance with the order.

Sec. 13. RCW 18.43.200 and 2020 c 47 s 2 are each amended to read as follows:

The department of licensing, through an interagency agreement with the board, ~~((must))~~ shall provide specified technical services to the board(~~(. The initial interagency agreement must be for a term of three years and may be renewed by mutual agreement between the department of licensing and the board))~~ as mutually agreed upon by both parties.

--- END ---

WAC 196-25-010 Applications for certificates of

authorization. All applications by corporations and LLCs for certificates of authorization must be completed on forms provided by the board and submitted to the offices of the board.

A complete application requires the following: Payment of the appropriate fee as listed in chapter 196-26A WAC; a current license with the secretary of state and the department of revenue; affidavit of designated professional engineer and/or land surveyor; and, a copy of resolution naming the designated engineer, or land surveyor, or both.

[Statutory Authority: RCW 18.43.035. WSR 23-01-052, § 196-25-010, filed 12/14/22, effective 1/14/23. Statutory Authority: Chapters 18.43 and 18.235 RCW. WSR 04-04-001, § 196-25-010, filed 1/21/04, effective 2/21/04. Statutory Authority: RCW 18.43.035 and 18.43.130. WSR 98-12-053, § 196-25-010, filed 5/29/98, effective 7/1/98.]

WAC 196-25-045 Changes and renewals. (1) If the business changes its name with the secretary of state, the business must notify the board within 30 days of the name change.

(2) At the time of renewal, the corporation or limited liability company must have a current license with the secretary of state and the department of revenue.

(3) The filing of the resolution shall not relieve the business of any responsibility or liability imposed upon it by law or by contract.

(4) If a completed application for renewal has not been received by the board by the date of expiration (postmarked before the date of expiration if mailed or transacted online before the date of expiration), the license is invalid.

Any corporation or LLC that is certified under chapter 18.43 RCW and this chapter is subject to the authority of the board as provided in RCW 18.43.035, 18.43.105, 18.43.110, and 18.43.120.

[Statutory Authority: RCW 18.43.035. WSR 23-01-052, § 196-25-045, filed 12/14/22, effective 1/14/23.]

Submit this completed exam with your application online or by mail.

For questions or help email engineers@brpels.wa.gov or call (360) 664-1575.

Retakes may be scanned and emailed to: engineers@brpels.wa.gov

Full name _____

Choose the best answer. Please select only one answer per question. Passing score is 80%.

1. A professional engineer will immediately have their license suspended for:
☐ a. Charging excessive fees to clients.
☐ b. Noncompliance with a support order.
☐ c. Nonpayment of license renewal fees.
☐ d. Failing to provide the Board with requested documents.
Reference: RCW 18.43
2. Which engineering services can be lawfully performed by a person who is not licensed as an engineer?
☐ a. When the work is for a state agency.
☐ b. When the work is performed by federal employees and all work is within the confines of lands held by the federal government.
☐ c. When making revisions to drawings that are already sealed.
☐ d. When the work is by an employee of a construction company.
Reference: RCW 18.43
3. For any single violation of practice or unprofessional conduct by a registrant, the Board may impose a fine of up to:
☐ a. \$1,000
☐ b. \$2,500
☐ c. \$5,000
☐ d. \$10,000
Reference: RCW 18.235
4. Which of the following activities are within the scope of engineering practice?
☐ a. Operation of maintenance of machinery or equipment.
☐ b. Construction sequencing and process planning.
☐ c. Investigation, evaluation and planning through specialized knowledge.
☐ d. Testing and reporting on the physical properties of materials.
Reference: RCW 18.43
5. Upon investigation, the Board of Registration of Professional Engineers and Land Surveyors decides to serve a licensee a statement of charges. Which of the following statements accurately describes the licensee's rights:
☐ a. The licensee may pay a fine immediately to nullify the statement of charges.
☐ b. The licensee may request a hearing to contest the charges.
☐ c. The licensee may request a date for hearing within 30 days of receipt of the Statement of Charges.
☐ d. The licensee may appear at the next Board meeting to contest the charges.
Reference: RCW 18.235
6. If the Board has reason to believe that a person is engaged in unlicensed practice, they have the authority to issue a:
☐ a. Cease and Desist Order and a fine of up to \$1,000 a day.
☐ b. Statement of Charges and a fine of up to \$5,000 a day.
☐ c. Cease and Desist Order and a fine up to \$5,000 a day.
☐ d. State^{ment} of Criminal Charges for a gross misdemeanor. Reference: RCW 18.235

7. The primary reason for requiring registrants to be licensed in Washington is to:

- ☐ a. Monitor the completion of continuing education.
- ☐ b. Protect people and property from injury or harm.
- ☐ c. Protect the profession from unfair competition.
- ☐ d. Improve professional standards for engineers and land surveyors.

Reference: RCW 18.43

8. Which of the following constitute unprofessional conduct:

- ☐ a. Failing to execute a contract before providing services.
- ☐ b. Misrepresentation of a material fact in obtaining a license.
- ☐ c. Renewal of a license over 90 days after expiration.
- ☐ d. Filing a formal complaint against a Board member.

Reference: RCW 18.235

9. Which of the following activities are exclusively within the scope of practice of land surveying?

- ☐ a. Establishing lines, grades and elevations for street improvements.
- ☐ b. Establishing lines, corners, boundaries, and monuments.
- ☐ c. Defining upland boundary of a sensitive area.
- ☐ d. Writing land descriptions for the purchase agreements.

Reference: RCW 18.43

10. In a hearing, a finding against a registrant that they are guilty of unprofessional conduct can result in all of the following except:

- ☐ a. Remedial or corrective education.
- ☐ b. Denial of license renewal.
- ☐ c. Return professional seal to the Board.
- ☐ d. Reimbursement of the Board's investigative costs.

Reference: RCW 18.235

11. Which of the following is an obligation of a licensee to the Board of Registration for Professional Engineers and Land Surveyors?

- ☐ a. Renew license by due date.
- ☐ b. Respond to Board request for information.
- ☐ c. Use Board approved contract for services.
- ☐ d. Accept gratuities in connection with responsible work.

Reference: WAC 196-27A

12. The purpose of the Rules of Professional Conduct and Practice is to:

- ☐ a. Give registrants guidance with respect to expected professional conduct.
- ☐ b. Give registrants clarity on the authorities of the Board.
- ☐ c. Provide a list of requirements for use by local government.
- ☐ d. Provide guidance to the public for evaluating the work of registrants.

Reference: WAC 196-27A

13. You are asked to submit a 50% progress drawing to your client for review. Your client, a government agency, told you not to put your engineering seal on the drawings. You should submit:

- ☐ a. The plan without placing your seal on them.
- ☐ b. A note to the client that you cannot release a plan that is half done.
- ☐ c. The plan with your seal, unsigned, and noted "preliminary."
- ☐ d. The plan with your seal on the drawings and your signature across the seal.

Reference: WAC 196-23

14. Which of the following is NOT a requirement for a registrant's use of their digital identification?

- ☐ a. Capable of independent verification.
- ☐ b. Encryption format approved by Secretary of State.
- ☐ c. Invalidated if any data in the document is changed.
- ☐ d. Unique to the registrant.

Reference: WAC 196-23

15. Professional engineers may work on projects that require education and experience outside their own fields of competence if:
- ☐ a. Their client and permitting agency agree to it.
 - ☐ b. The registrant does not stamp the plans.
 - ☐ c. The work is preliminary and is not used for construction.
 - ☐ d. They work only on the portions of which they are qualified.
- Reference: WAC 196-27A
16. A registrant is required to directly supervise work done by non-licensed individuals under their control. Which of the following statements is the correct interpretation of "direct supervision" by you, the registrant, according to WAC?
- ☐ a. You mentor and provide ideas on career paths and assignments to the non-licensed individual.
 - ☐ b. You review the calculations and drawings of the non-licensed individual before sealing and sign.
 - ☐ c. You provide direction, oversight, and check work of the non-licensed individual before you sign and seal.
 - ☐ d. You give design assistance and references to EITs supervised by other registrants.
- Reference: WAC 196-25
17. Which of the following statement is true regarding designating a registered engineer to be in responsible charge of a corporation.
- ☐ a. The designated engineer must reside in Washington state.
 - ☐ b. An affidavit must be signed by the designee stating they know they have been designated by the corporation to be responsible charge for the engineering activities in the state of Washington.
 - ☐ c. A registered engineer may serve as designated engineer at more than one corporation.
 - ☐ d. When there is a change in designee, the corporation must notify the board in writing no later than 60 days after the effective date of the change and submit a new affidavit.
- Reference: WAC 196-25
18. Which of the following should an engineer do before performing engineering work?
- ☐ a. Have a clear and documented understanding of the work to be performed.
 - ☐ b. Provide a copy of notes and research materials.
 - ☐ c. Have a written contract clearly stating the work to be performed.
 - ☐ d. Act solely on behalf of the client to meet budget limitations.
- Reference: WAC 196-27A
19. When plans or plats have been prepared under the direct supervision of more than one registrant, they must be sealed or stamped by the:
- ☐ a. Registrant who was the licensee of record and did the majority of the work.
 - ☐ b. Registrant who is the designated licensee for the consulting firm.
 - ☐ c. Registrants willing to do so, clearly noting their scope of responsibility.
 - ☐ d. Participating registrants, clearly noting their scope of responsibility.
- Reference: WAC 196-23
20. Which of the following is NOT a registrant's obligation to their employer and client?
- ☐ a. Maintaining good records throughout the duration of the project.
 - ☐ b. Being competent in the technology and knowledgeable of applicable codes.
 - ☐ c. Avoiding a conflict of interest or the appearance of a conflict of interest.
 - ☐ d. Negotiating contracts for professional services based upon competence and qualifications.
- Reference: WAC 196-27A
21. The Board has statutory provisions and administrative rules governing the practices of engineering and land surveying by a business. Which of the following must obtain a Certificate of Authorization from the Board:
- ☐ a. Professional Service Corporation.
 - ☐ b. Limited Liability Companies and Proprietorships.
 - ☐ c. Corporations and Limited Liability Companies.
 - ☐ d. Partnerships and Limited Liability Corporations.
- Reference: WAC 196-25

22. Engineers must maintain their competency by:
- ☐ a. Annually accruing at least 15 continuing professional development.
 - ☐ b. Passing the Board's Law Review every five years.
 - ☐ c. Continuing their professional development throughout their careers.
 - ☐ d. Taking college level course work before every renewal.
- Reference: WAC 196-27A

23. When must registrants inform their clients, employer, and appropriate agency of the harm that may come to their life, health, property, or welfare?
- ☐ a. At such time their professional judgment is overruled or disregarded.
 - ☐ b. On any project involving property owned by a public entity.
 - ☐ c. At any time the threat of loss of licensure exists.
 - ☐ d. When the professional's opinion is supported by his or her employer.
- Reference: WAC 196-27A

24. The approved facsimile of the professional engineers seal includes all of the following EXCEPT:
- ☐ a. Individual certificate number.
 - ☐ b. Registrant name as shown on wall certificate.
 - ☐ c. Expiration date.
 - ☐ d. "State of Washington."
- Reference: WAC 196-23

25. A professional license that is not renewed by the date of expiration becomes invalid:
- ☐ a. 30 days after the date of expiration.
 - ☐ b. 90 days after the date of expiration.
 - ☐ c. 120 days after the date of expiration.
 - ☐ d. On the date of expiration.
- Reference: WAC 196-26A

I declare under penalty of perjury under the law of Washington that I have been the sole person to complete the above exam of Washington State law and rule as it pertains to the practice of Engineering.

<hr style="border: none; border-top: 1px solid black; margin-bottom: 5px;"/> <div style="border-top: 1px solid black; height: 1.2em; width: 100%;"></div> <div>Date and place</div>	<div style="border-top: 1px solid black; height: 1.2em; width: 100%;"></div> <div style="text-align: center; margin-bottom: 5px;">TYPE or PRINT Name</div> <div style="text-align: center; font-size: 1.5em; font-weight: bold; margin-bottom: 5px;">X</div> <div style="border-top: 1px solid black; height: 1.2em; width: 100%;"></div> <div style="text-align: center;">Signature</div>
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RCW 18.210, WAC 196, RCW 18.235