

LCB File No. R073-09

PROPOSED REGULATION OF THE STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS

(This regulation was previously adopted as T045-09)

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NAC 625.220 Disciplines of engineering (NRS 625.140, 625.175)

1. Each applicant shall specify the discipline of engineering in which he desires to be examined and licensed.

2. The Board will classify applicants in a manner which is reasonably consistent with custom in the profession. The Board may classify and examine an applicant in the basic discipline of engineering which is most closely associated with the applicant's area of concentration.

3. An applicant may apply for licensure in the following disciplines of engineering:

- (a) Agricultural;
- (b) Chemical;
- (c) Civil;
- (d) Control Systems;
- (e) Electrical;
- (f) Environmental;
- (g) Fire Protection;
- (h) Geological;
- (i) Industrial;
- (j) Manufacturing;
- (k) Mechanical;
- (l) Metallurgical *and Materials*;
- (m) Mining/*Mineral*
- (n) Nuclear;
- (o) Petroleum;
- (p) ~~Ship Design~~ *Naval Architecture/Marine*;
- (q) Structural; or
- (r) Any other discipline of engineering which the Board deems appropriate.

4. Each applicant must know the basic concepts of engineering in the fields of mathematics, physics, chemistry, statics, dynamics, strength of materials, fluid mechanics, electricity and magnetism, thermodynamics and economic analysis, and understand the application of these concepts in his specialized discipline of engineering.

NAC 625.230 Applications for licensure in multiple categories or disciplines. (NRS 625.140)

1. An applicant who applies for licensure in more than one discipline of engineering or in both the categories of professional engineer and land surveyor shall:

(a) File a separate application for each additional category or discipline requested and pay the application fee for each additional application filed; and

(b) Complete the application forms to indicate clearly the education, experience and personal references which will substantiate his claims of proficiency in each category or discipline for which he is applying. Experience and personal references must be stated separately for each discipline.

2. If an applicant who is not a professional engineer concurrently applies for initial licensure in two or more disciplines of engineering, the Board will not approve the application unless the applicant submits evidence of significant experience, or education and experience, in each of the disciplines.

3. The Board generally will not approve an application in an additional discipline of engineering unless the applicant possesses a minimum of 10 years of education and experience.

4. The Board may accept a second baccalaureate degree in an approved curriculum in partial satisfaction of the requirements for licensure

5. An applicant who applies for licensure on the basis of comity in more than one discipline of engineering may be granted licensure in the additional disciplines if he clearly shows in his application that he possesses the required education and experience and his claims of proficiency are substantiated *by examination*.

NAC 625.310 Examinations: Generally. (NRS.140, 625.154, 625.193, 625.280)

1. The Board will administer written examinations at least once each year and additional examinations as needed. The time and place for a written examination will be established at least 4 months in advance. Specific information concerning times and places for scheduled examinations may be obtained from the office of the Board.

2. The Board will administer the following written examinations that are prepared by the National Council of Examiners for Engineering and Surveying which meet the requirements for licensure as an engineer:

(a) The Fundamentals of Engineering, which is an 8-hour examination that covers the fundamentals of engineering; and

(b) The Principles and Practice of Engineering, which is an 8-hour examination that covers the principles and practice of engineering.

3. The Board will administer the following written examinations that are prepared by the National Council of Examiners for Engineering and Surveying which meet the requirements for licensure as a land surveyor:

(a) The Fundamentals of Land Surveying, which is an 8-hour examination that covers the fundamentals of land surveying; and

(b) The Principles and Practices of Land Surveying, which is a 6-hour examination that covers the principles and practices of land surveying.

4. In addition to the examinations set forth in subsection 3, the board will prepare a 2-hour examination that covers the laws of this state and the procedures for the practice of land surveying. The Board will administer this examination at the same time that the board administers the examination set forth in paragraph (b) of subsection 3, *or at other times scheduled by the Board*.

5. The examination to become a structural engineer is a 16-hour examination which is composed of two parts, each of which lasts 8 hours. ~~An applicant is not required to complete both parts of this examination on consecutive days. An applicant for this examination must be a~~

~~professional engineer in the discipline of civil engineering who has passed 16 hours of written examination acceptable to the board and has fulfilled the requirements of NAC 625.230.~~

NAC 625.340 Examinations: Withdrawal (NRS 625.140)

1. If an applicant is unable to take ~~an~~ ~~[written]~~ examination for which he has been scheduled, he shall notify the board of his withdrawal not later than ~~[5-weeks]~~ *the posted deadline* before the date of the examination.

2. An applicant who fails to ~~[make a timely withdrawal from a]~~ *attend a* scheduled ~~[written]~~ examination must pay an additional fee of \$50 to cover the cost of rescheduling the examination.

3. An applicant for the examination to become an engineer intern or a land surveyor intern who fails to make a timely withdrawal must pay an additional fee in the amount of the fee for the missed examination.

NAC 625.350 Examinations: Reapplication after failing written examination. (NRS 625.140) An applicant who fails to pass the written examination may reapply to take the examination:

1. Within 12 months after the examination, by paying ~~[a fee of \$75]~~ *the appropriate fee.*

2. Twelve months or more after the examination, by:

(a) Submitting ~~[a new]~~ *an updated* application; *and*

(b) Paying ~~[an]~~ *the appropriate* application fee ~~[of \$200; and]~~

~~[(e)]~~ *3. After failing three times,* furnishing proof that ~~[he]~~ *the applicant* has completed a refresher course in professional land surveying or the discipline of professional engineering in which ~~[he]~~ *the applicant* is to be examined.

NAC 625.410 Expiration and renewal of licensure. (NRS 625.140, 625.390, 625.395, 625.397)

1. The fee for a biennial renewal of a single license is \$100.

2. The first letter of the surname of a licensee determines the last date on which a licensee may pay his renewal fee, as set forth in the following schedule:

A through E – January 1 of each odd-numbered year.

F through K – July 1 of each odd-numbered year.

L through R – January 1 of each even-numbered year.

S through Z – July 1 of each even-numbered year.

3. A licensee shall pay an initial license fee and the license expiration date will be extended to the appropriate renewal date. A person who is licensed in more than one professional category or discipline of engineering must pay the full renewal fee for the first classification and one-half of the renewal fee for each additional classification. No licensee will be charged more than \$200 in a biennium for the renewal of his licenses.

4. If a licensee does not renew his licensure by the appropriate date set forth in subsection 2, his licensure expires and he is not licensed to continue to practice. A former licensee whose licensure has expired because of a failure to pay the renewal fee may renew his licensure within 6 months after the date of expiration by paying the renewal fee and a late charge of \$100.

5. A licensee whose license has been expired for more than 6 months:
 - (a) Must reapply for licensure and pay the appropriate application fee.
 - (b) May be required to appear before the Board.
 - (c) May be required to pass a written or oral examination.
 - (c) May be required to submit proof to the Board of the completion of 30 professional development hours.

NAC 625.420 Retired or inactive status of licensee; reinstatement to active status. (NRS 625.140)

1. In lieu of the renewal of his license, a licensee may apply to the board to change his status to:

(a) Retired, by filing with the board a notice in writing that states his intention to retire from practice. The board will issue an identification card indicating that the licensee is retired ~~[and showing the period of his active professional licensure in this state].~~

(b) Inactive, by filing with the Board a notice in writing that states his intention to change his status to inactive and paying a fee that is equal to the fee required for a licensee who wishes to renew his license. The Board will issue an identification card indicating that the licensee is inactive.

2. If an identification card is issued to a licensee pursuant to this section, his license expires and he is not licensed to continue to practice.

3. A licensee who has changed his status to retired or inactive status pursuant to this section may reinstate his license to active status by complying with the requirements for the issuance of an original license prescribed in chapter 625 of NRS and this chapter.

NAC 625.440 Exceptions to requirements for renewal of license. (NRS 625.398) A licensee who applies for the renewal of his license is not required to comply with the requirements of NAC 625.430 for a biennial renewal period if:

1. ~~[The licensee was issued his initial license during the biennial renewal period or less than 2 years before the beginning of the biennial renewal or] [2]~~ The licensee served more than 120 consecutive days in active duty in the Armed Forces of the United States during the biennial renewal period~~[-];~~ *or*

2. A licensee is employed outside the United States for more than 120 consecutive days, or

3. A licensee has experienced serious illness or injury during the past year of a nature and duration which has prohibited completing continuing professional competency requirements.

A licensee's request for exemption must include supporting documentation and must be approved by the Board.