

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

LCB FILE NO. R137-20I

**The following document is the initial draft regulation proposed
by the agency submitted on 07/13/2020**

NAC 625.21x Experience in engineering. (NRS 625.140, 625.183)

The 2 years of active engineering experience granted for a master's or doctoral degree cannot reduce the 4 calendar years of active engineering experience required in subsection 4 of NRS 625.183.

This is a new regulation to add clarity to NRS 625.183. Applicants have incorrectly interpreted the law to mean they could be granted 4-years' experience credit during a 2-year calendar period, in instances where the applicant worked full-time while obtaining a Master's degree during the same two-year period. The boards intent is for applicants to have 4-years' progressive experience. Up to two years working experience could be fulfilled by credit given for a Master's degree, regardless of the time it took to obtain a Master's degree. And, in no instance is the 4 years' progressive experience to be reduced due to concurrent work or education.

NRS 625.183 Qualifications of applicant for licensure as professional engineer.

1. *A person who:*

(a) *Is 21 years of age or older; and*

(b) *Is a citizen of the United States or is lawfully entitled to remain and work in the United States,*

may apply to the Board, in accordance with the provisions of this chapter and any regulations adopted by the Board, for licensure as a professional engineer.

2. *An applicant for licensure as a professional engineer must:*

(a) *Be of good character and reputation; and*

(b) *Pass the examination on the:*

(1) *Fundamentals of engineering or receive a waiver of that requirement; and*

(2) *Principles and practices of engineering,*

pursuant to [NRS 625.193](#).

3. *An applicant for licensure as a professional engineer is not qualified for licensure unless the applicant is a graduate of an engineering curriculum of 4 years or more that is approved by the Board and has a record of 4 years or more of active experience in engineering which is satisfactory to the Board and which indicates that the applicant is competent to be placed in responsible charge of engineering work. An applicant who is eligible to take the examination on the principles and practices of engineering pursuant to subsection 2 of [NRS 625.193](#) may take the examination on the principles and practices of engineering before the applicant meets the active experience requirements for licensure set forth in this subsection.*

4. *To determine whether an applicant for licensure as a professional engineer has an adequate record of active experience pursuant to subsection 3:*

(a) *Graduation from a college or university in a discipline of engineering with a master's or doctoral degree is equivalent to 2 years of active experience, except that, in the aggregate, not more than 2 years of active experience may be satisfied by graduation from a college or university with such degrees, regardless of the number of degrees earned.*

(b) *Two of the 4 years of active experience must have been completed by working under the direct supervision of a professional engineer who is licensed in the discipline in which the applicant is applying for licensure, unless that requirement is waived by the Board.*

(c) The execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of that work as a foreman or superintendent, is not equivalent to active experience in engineering.

5. A person who is not working in the field of engineering when applying for licensure is eligible for licensure as a professional engineer if the person complies with the requirements for licensure prescribed in this chapter.

(Added to NRS by [1997, 1038](#); A [1999, 2434, 2435](#); [2005, 206, 208](#); [2011, 227](#); 2019,####)

NAC 625.210 Application for licensure or certification; fees. ([NRS 625.140, 625.390](#))

1. ~~Unless otherwise permitted by the Board, an applicant shall not give as professional references persons who are all members of the same organization and not more than one-half of the persons named by the applicant may be members of the applicant's organization.~~ An applicant shall not give the Executive Director of the Board as a professional reference.

2. Each applicant must ~~furnish~~ transmit a completed National Council of Examiners for Engineering and Surveying (NCEES) record ~~of transcripts as proof~~ verification of his or her college and postgraduate education, work experience, references, and license examinations. ~~Each transcript must be sent directly to the Board by the issuing institution. If transcripts are not available, the applicant must furnish other proof of his or her education in a form acceptable to the Board.~~

~~3.— Each applicant who was born in a foreign country must supply documentary proof of his or her naturalization as a citizen of the United States or of his or her right to remain and work in the United States.~~

4. Each applicant must pay the following fee, as appropriate, at the time of application:

(a) For each application for licensure as a professional engineer or professional land surveyor or for licensure in an additional discipline of engineering, ~~\$200~~ \$25.

(b) For each application for certification as an engineer intern or a land surveyor intern, \$50.

Recommending the removal of the limitation of the number of references that can be from the applicant's organization. Has proved to be burdensome to engineers who in their career to date have only worked for one company. In addition, the limitation could exclude input from those that have direct knowledge of the applicant engineer's work.

The use of a completed NCEES record as a Nevada application removes the requirement of transmitting education transcripts directly to the board (section 2).

The passage of AB 275 in 2019 removes this requirement (section 3) in the application process for state licensing in Nevada.

NAC 625.220 Disciplines of engineering. ([NRS 625.140, 625.175](#))

1. Each applicant must specify the discipline of engineering in which he or she 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 **and Biological Engineering**;
- (b) Chemical;
- (c) Civil;
- (d) Control systems;
- (e) Electrical **and Computer**;
- (f) Environmental;
- (g) Fire protection;
- (h) Geological;
- (i) Industrial **and Systems**;
- ~~(j) Manufacturing;~~
- (k) Mechanical;
- (l) Metallurgical and materials;
- (m) Mining and mineral processing;
- (n) Naval architecture and marine;
- (o) Nuclear;
- (p) Petroleum;
- (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 or her specialized discipline of engineering.

Aligning discipline names with the NCEES principles and practice examinations. MFGE (Manufacturing), is no longer supported by an NCEES examination due to being absorbed by other disciplines, is being removed.

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 must:

- (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 **and transmit a separate National Council of Examiners for Engineering and Land Surveying (NCEES) record for each** ~~the application forms to indicate clearly the education, experience and personal references which will substantiate his or her claims of proficiency in each category or discipline for which he or she 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 in an additional discipline of engineering if the applicant clearly shows that he or she possesses significant experience in the additional discipline, but in no case will the Board grant such a license within 6 years after the applicant received his or her first baccalaureate degree.

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 the applicant clearly shows in the application that he or she possesses the required education and experience and his or her claims of proficiency are substantiated by an examination offered by the Board.

Text revised to include an NCEES record as the Nevada application for licensure process.

NAC 625.240 Endorsement licensure: Licensure on basis of previous licensure in another jurisdiction, ~~examinations~~. (NRS 625.140, 625.382)

1. An applicant who applies for licensure in this State on the basis of previous licensure in another state, territory, or possession of the United States or a jurisdiction that is signatory to the mobility agreements of the International Engineering Alliance jurisdiction must:

(a) Pay an application fee of ~~\$200~~ \$125 and submit the required application and/or transmit a National Council of Examiners for Engineering and Land Surveying (NCEES) record file the required application with to the Board;

(b) Pass a short written examination on [chapter 625](#) of NRS and the regulations and code of conduct of the Board; and

(c) Pass an oral examination if required by the Board.

~~—2.— All oral examinations may be conducted by a committee of at least three persons selected by the Board who are licensed in this State as professional engineers or land surveyors. One member of such a committee must be a member of the Board.~~

~~—3.— An applicant who appears for an oral examination shall submit to the Board all necessary material to ensure that the information in the file of the applicant is current on the date that the applicant takes the oral examination.~~

~~—4.— An applicant who fails to appear on two separate occasions for an oral examination required pursuant to this section may not take an oral examination for at least 12 months after the date of the second examination for which he or she did not appear unless the applicant is excused from appearance by the Board at least 7 days before the scheduled examination.~~

~~—5.— Before an applicant may schedule an oral examination, the applicant must pay any costs incurred by the Board related to scheduling any previous examinations for which the applicant did not appear.~~

~~—6.— The Board will determine the costs that the applicant must pay pursuant to subsection 5.~~

~~2. 7.~~ After the oral examination, the Board may require the applicant to pass another examination acceptable to the Board as a condition precedent to licensure.

3. The Executive Director of the Board is authorized to review and evaluate the applications of all endorsement applicants to determine if they meet or exceed the criteria of a NCEES Model Law Engineer or Model Law Surveyor. If the applicant meets or exceeds these requirements, the Executive Director of the Board may issue a license authorizing that individual to offer or provide engineering or land surveying services in this state.

Change to section 1 codifies the board policy to allow endorsement licensure for those jurisdictions that are signatory to the International Engineering Alliance mobility agreements. The mobility agreements establish equivalency of credentials for professional practice. Text also revised to include an NCEES record is part of the Nevada application for licensure process.

Sections removed (former 2 – 6) as they are no longer applicable.

New section 3 added in response SB 69 in the 2017 legislative session and to align with NCEES model law.

NAC 625.310 Examinations: Generally. (NRS 625.140, 625.154, 625.193, 625.280)

1. The Board will offer ~~an~~ Nevada specific examinations at least once each year. ~~and additional examinations as needed. The time and place for an 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 offer~~ requires the passing of the following 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 a national examination that covers the fundamentals of engineering, ~~unless the requirement is waived by the board;~~ and

(b) The Principles and Practice of Engineering, which is a national examination that covers the principles and practice of engineering.

3. The Board ~~will offer~~ requires the passing of the following 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 Surveying, which is a national examination that covers the fundamentals of land surveying, ~~unless the requirement is waived by the board;~~ and

(b) The Principles and Practice of Surveying, which is a national examination that covers the principles and practice of land surveying.

4. The board requires applicants for licensure as an engineer to pass a short exam on chapter 625 of NRS and NAC.

~~5. 4.– In addition to the examinations set forth in subsection 3, †~~The Board will prepare and offer a 2-hour examination that covers the laws of this State and the procedures for the practice of land surveying. The Board will offer this examination at ~~the same time that the Board offers the~~

~~examination set forth in paragraph (b) of subsection 3 and at such other~~ least once per year times as the Board determines.

6. ~~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.

Text edited in section 1 as the board no longer hosts or proctors' national examinations.

Sections 2 and 3 are edited as the board is no longer involved in hosting or proctoring national examinations. Also notes that the FE can be waived in accordance with NRS 625.193.

Added section 4 codifies board requirement of knowledge on Nevada laws and rules.

Section 5 text be edited to remove reference to hosting or proctoring national examinations.

~~**NAC 625.320 — Examinations: Land surveyor intern. (NRS 625.140)**~~

~~—1.— An applicant may take the examination to become a land surveyor intern only if the applicant meets the requirements of education or experience for certification as a land surveyor intern as prescribed in NRS 625.386.~~

~~—2.— The Board will consider an applicant to have met the statutory requirements if the applicant has a combination of education and experience totaling 4 years or more which is satisfactory to the Board.~~

~~—3.— The examination for a land surveyor intern consists of a national examination which covers the fundamentals of land surveying as set forth in NRS 625.280.~~

~~—4.— A person is not eligible to apply to take the examination to become a professional land surveyor unless he or she has successfully passed or has been excused from the examination for a land surveyor intern.~~

The regulation is no longer applicable. An individual can take the examination without the education and experience requirements, but they must be satisfied prior to consideration for certification or licensure.

NAC 625.330 Examinations: Notice to appear; failure to appear. (NRS 625.140)

1. If the Board schedules an examination for an applicant, the Board must send to that applicant a notice of the time and place to appear before the Board for the examination.

2. An applicant who is sent a notice shall appear before the Board in accordance with the schedule established by the Board.

~~—3.— If an applicant fails to appear for an examination within 1 year, he or she must file a new application for licensure and pay the application fee in effect at the time of reapplication. Any fee previously paid is not refundable.~~

Section to be deleted as the timeframe and the requirement of a reapplication fee to the board is no longer applicable, and exams are administered, hosted, and proctored by NCEES .

~~**NAC 625.340—Examinations: Withdrawal.** (NRS 625.140)~~

~~—1.— If an applicant is unable to take an examination for which he or she has been scheduled, the applicant must notify the Board of his or her withdrawal not later than the date posted on the Internet website of the Board as the deadline for applying to take the examination for which the applicant was scheduled.~~

~~—2.— An applicant who fails to attend a scheduled 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.~~

This regulation is to be removed as the board is no longer involved in the national examination process.

~~**NAC 625.350—Examinations: Reapplication after failure.** (NRS 625.140, 625.390)~~

~~—1.— Except as otherwise provided in subsection 2 and NAC 625.360, an applicant who fails to pass an examination may reapply to take the examination:~~

~~—(a) Within 12 months after the examination, by paying a fee for the examination which is based on the actual cost of the Board to:~~

~~——(1) Purchase the examination from the National Council of Examiners for Engineering and Surveying; and~~

~~——(2) Offer the examination.~~

~~—(b) Twelve months or more after the examination, by:~~

~~——(1) Submitting an updated application;~~

~~——(2) Paying an application fee of \$200; and~~

~~——(3) Paying a fee for the examination which is based on the actual cost of the Board to:~~

~~——(I) Purchase the examination from the National Council of Examiners for Engineering and Surveying; and~~

~~——(II) Offer the examination.~~

~~—2.— Except as otherwise provided in NAC 625.360, if an applicant fails to pass an examination three times, the applicant may reapply to take the examination only if, in addition to satisfying the requirements set forth in paragraph (b) of subsection 1, the applicant furnishes proof that he or she has completed a refresher course in professional land surveying or the discipline of professional engineering in which the applicant is to be examined.~~

This regulation is to be removed as the board is no longer involved in the national examination process

~~NAC 625.360—Examinations: Reapplication after failure of certain oral examinations. (NRS 625.140)~~

~~An applicant who fails to pass an oral examination, other than an oral examination given pursuant to NAC 625.240, may reapply to take the oral examination:~~

- ~~—1. Four months or more after failing the first oral examination.~~
- ~~—2. Twelve months or more after failing the second oral examination.~~
- ~~—3. Twenty four months or more after failing the third oral examination.~~
- ~~—4. A reasonable time as determined by the Board after failing the fourth oral examination.~~

To be deleted as a timeframe pre-set in regulation is no longer applicable. Oral examinations are on an applicant by applicant basis, and if an applicant is deemed to have not passed an oral examination the board will prescribe a course of action for the individual to fulfil before re-appearing before the board.

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 or her 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. The Board will prorate the initial ~~application~~ license fee paid by a licensee as necessary to provide a biennial renewal period for the licensee that is consistent with the schedule set forth in subsection 2. 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 or her licenses.

4. If a licensee does not renew his or her licensure by the appropriate date set forth in subsection 2, the licensure expires and he or she 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 or her 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.
- (d) May be required to submit proof to the Board of the completion of 30 professional development hours.

Text edit to use the correct term related to this regulation.

NAC 625.425 Registration of firm: Application; requirements; renewal; fees. (NRS 625.140, 625.177, 625.179)

1. A firm must:
 - (a) File an application for registration with the Board on a form provided by the Board; and
 - (b) Pay a fee of \$50,→ before engaging in or offering to engage in the practice of professional engineering or the practice of land surveying in this State.

2. A firm shall not engage in the practice of professional engineering or the practice of land surveying unless a professional engineer or professional land surveyor, as applicable, is in responsible charge of the work provided by the firm ~~in each branch office of the firm~~. The licensee designated pursuant to this subsection to be in responsible charge of the work provided by the firm is not required to be a principal of the firm.

3. ~~A firm must file an application described in subsection 1 with the Board for each branch office of the firm. Such an application must be filed with the Board before the branch office to which the application pertains engages in or offers to engage in the practice of professional engineering or the practice of land surveying in this State.~~ Each application must include:
 - (a) The name of the firm;
 - (b) A list of the principals of the firm;
 - (c) The address of the firm;
 - (d) The **address Nevada State Business License number** of the firm ~~or branch office of the firm to which the application pertains~~;
 - (e) The license number of the licensee who is in responsible charge of the work provided by the firm **in land surveying and each discipline of engineering** ~~at the branch office to which the application pertains~~; and
 - (f) A description of the services that are offered by the firm.

4. A firm shall notify the Board, in writing, within 30 days after any change in:
 - (a) The name of the firm;
 - (b) A principal of the firm;
 - (c) The address of the firm, ~~including a change in the address of a branch office of the firm~~;
 - (d) The licensee who is in responsible charge of the work provided by the firm ~~at a specific branch office of the firm~~; or
 - (e) The services that are offered by the firm.

5. Each year within 30 days after the anniversary date of a firm's registration with the Board, the firm must file an application for renewal of its registration, accompanied by a fee of \$50.

Edits remove the requirement for listing of branch offices, clarifies identifying the licensee in responsible charge, and adds Nevada business license number to firm registration application.

NAC 625.615 Address of licensee: Filing with and use by Board; notice of change. ([NRS 625.140](#))

1. Each licensee shall file with the Board the complete **address contact information** of his or her principal place of business, including the name, ~~and~~ number of the street, **telephone number, and email**, or, if the licensee does not maintain a principal place of business, the complete **address contact information** of his or her residence. ~~or the number of his or her post office box.~~

2. The Board will send all communications to the licensee at the **contact information address or post office box** filed pursuant to subsection 1.

3. A licensee shall submit a written notice of any change of **address contact information** to the Board within ~~10~~ 30 days after the effective date of the change. Failure to notify the Board within that period is grounds for disciplinary action by the Board.

[Edits to improve means of contacting licensees - email address/ cellphone - and lessening time burden of change notification.](#)

NAC 625.625 Notice of change in licensee's employer, category or discipline. ([NRS 625.140](#))

If any information on file with the Board concerning a licensee's:

1. Employer; or
2. Category or discipline of engineering or land surveying,

→ changes, the licensee shall submit written notice of the change to the Board within 30 days. The notice must include any change of ~~the telephone number~~ **contact information** of the licensee's principal place of business.

[Edits to improve means of contacting licensees – email address/cellphone](#)