

2007 DRAFTING REQUEST

Bill

Received: 11/29/2006

Received By: csundber

Wanted: As time permits

Identical to LRB:

For: Mark Gottlieb (608) 267-2369

By/Representing: Denise Solie

This file may be shown to any legislator: NO

Drafter: csundber

May Contact:

Addl. Drafters:

Subject: Occupational Reg. - prof lic

Extra Copies:

Submit via email: YES

Requester's email: Rep.Gottlieb@legis.wisconsin.gov

Carbon copy (CC:) to: christopher.sundberg@legis.wisconsin.gov
tracy.kuczenski@legis.wisconsin.gov

Pre Topic:

No specific pre topic given

Topic:

Changes to engineer registration requirements

Instructions:

See Attached

Drafting History:

Table with 8 columns: Vers., Drafted, Reviewed, Typed, Proofed, Submitted, Jacketed, Required. It lists two versions of the document with their respective drafters and dates.

FE Sent For: atinter 2/12

<END>

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/?	csundber 11/30/2006	jdyer 12/22/2006		_____			State
/1			nmatzke 12/27/2006	_____	sbasford 12/27/2006		

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1/2	csundber	1/22 jld	nwn 12/27	nwn/sb 12/27			

FE Sent For:

<END>

1 An act to amend 443.04 and 443.90 of the statutes; relating to registration requirements for
2 professional engineers.

3

4 ***Proposed legislative changes will***

5 ***... Remove the "grandfather" clause and require all professional engineer***
6 ***candidates to obtain a 4 year degree and pass an examination, thereby streamlining the***
7 ***process and removing the subject evaluation of candidates' experience for licensure***

8 ***... Remove the requirements for separate barrier free examination because these***
9 ***requirements are already parts of building codes, statutes, and ordinances***

10 ***... and remove the ability of exam takers to review their answers to exam***
11 ***questions because tests are standardized and no longer contain any option for partial***
12 ***credit; question review comprises the integrity of the security for exam questions.***

13

14 **Section 1. 443.04 and 443.90 of the statutes are amended to read:**

15 **443.04 Registration requirements for professional**

16 **engineers.** (1) An applicant for registration as a professional
17 engineer shall submit satisfactory evidence to the examining
18 board of all one of the following:

19 (a) A diploma of graduation, or a certificate, from an engineering
20 school or college approved by the examining board as of satisfactory
21 standing in an engineering course of not less than 4 years,
22 ~~together with an additional 4 years of experience in engineering~~
23 ~~work of a character satisfactory to the examining board and indicating~~
24 ~~that the applicant is competent to be placed in responsible~~
25 ~~charge of engineering work.~~

26 (b) A specific record of 4 8 or more years of experience in engineering

1 work of a character satisfactory to the examining board
2 and indicating that the applicant is competent to be placed in
3 responsible charge of engineering work.

4 ~~(c) A specific record by an applicant of 12 years or more of
5 experience in engineering work of a character satisfactory to the
6 examining board and indicating that the applicant is competent to
7 practice engineering.~~

8 ~~(d) A diploma of graduation or a certificate from an engineering
9 school or college approved by the examining board as of satisfactory
10 standing in an engineering course of not less than 4 years,
11 together with an additional 8 years of experience in engineering
12 work of a character satisfactory to the examining board and indicating
13 that the applicant is competent to practice engineering.~~

14 ~~(2) Graduation in engineering from a school or college
15 approved by the examining board as of satisfactory standing shall
16 be considered as equivalent to 4 years of experience, and the
17 completion satisfactory to the examining board of each year of
18 work in engineering in such school or college without graduation
19 shall be considered as equivalent to one year of experience. Graduation
20 in a course other than engineering from a school or college
21 approved by the examining board as of satisfactory standing shall
22 be considered as equivalent to 2 years of experience. No applicant
23 may receive credit for more than 4 years of experience under this
24 subsection.~~

25 History: 1979 c. 167; 1983 a. 328; 1999 a. 85.

26 Cross Reference: See also s. A-E 4.01, Wis. adm. code.

1 The authority of the examining board is discussed. 70 Atty. Gen. 156.

2

3 **443.09 Examinations and experience requirements**

4 **for architect, landscape architect and engineer applicants.**

5 (1) In considering the qualifications of an applicant as an
6 architect, landscape architect or professional engineer, responsible
7 charge of architectural, landscape architectural or engineering
8 teaching may be construed as experience.

9 (2) Subject to ss. 111.321, 111.322 and 111.335, no person
10 who has an arrest or conviction record is eligible for registration
11 as an architect, a landscape architect or a professional engineer, or
12 certification as an engineer-in-training

13 (3) Written examinations shall be required of every applicant
14 for certification as engineer-in-training.

15 (4) Written or written and oral examinations shall be required
16 of every applicant for registration as an architect or a professional
17 engineer ~~except an applicant who satisfies s. 443.04 (1) (d).~~

18 Except as provided in sub. (5), only one form of examination may
19 be required for all applicants. The examination shall be reasonably
20 related to the skills likely to be needed by an applicant practicing
21 the profession at the time of examination and seek to determine
22 the applicant's preparedness to exercise such skills. ~~Failure~~
23 ~~to pass an examination under this section or under any order of the~~
24 ~~examining board shall not be a bar to registration under s. 443.04~~
25 ~~(1) (d).~~

26 (4m) No person may be registered as a landscape architect

1 under this chapter unless he or she passes a written examination
2 or written and oral examinations conducted or approved by the
3 examining board under sub. (5).

4 (5) Written or written and oral examinations shall be held at
5 such time and place as the examining board determines. The
6 scope of the examinations and the methods of procedure shall be
7 prescribed by the examining board with special reference to the
8 applicant's ability to design and supervise architectural, landscape
9 architectural or engineering work, which shall promote the
10 public welfare and ensure the safety of life, health and property.

11 ~~The architect and professional engineering examination or~~
12 ~~examinations shall include questions which require applicants to~~
13 ~~demonstrate knowledge of the design needs of people with physical~~
14 ~~disabilities and of the relevant statutes and codes. Such questions~~
15 ~~shall be developed by the examining board in consultation~~
16 ~~with the department of commerce. The examination for candidates~~
17 ~~under s. 443.04 (1) (c) shall be the principles and practice~~
18 ~~examination which requires the applicant to demonstrate the ability~~
19 ~~to apply engineering principles and judgment to problems in~~
20 ~~general engineering disciplines and to demonstrate knowledge of~~
21 ~~the design needs of people with physical disabilities and the relevant~~
22 ~~statutes, rules and regulations. A candidate failing an~~
23 ~~examination may, upon application and payment of the required~~
24 ~~reexamination fee, be examined again by the examining board.~~
25 No restrictions may be placed on the number of times an unsuccessful
26 candidate may be reexamined, except that after failure of

1 3 reexaminations, the examining board may require a one-year
2 waiting period before further reexamination.

3 ~~(6) The examination papers of each applicant shall be retained~~
4 ~~by the examining board and shall be available to the applicant for~~
5 ~~review for a one-year period from the date of the examination.~~
6 ~~The applicant may make a written request, within the one-year~~
7 ~~period, for a review by the section, of all or of any part of the~~
8 ~~examination failed. The section shall review the examination, or~~
9 ~~any part of the examination within 90 days, following receipt of~~
10 ~~a written request, and shall furnish the applicant a written reply of~~
11 ~~the results of the review, including a statement of the reasons for~~
12 ~~a failing grade.~~

13 History: 1979 c. 167; 1981 c. 380; 1981 c. 391 s. 211; 1983 a. 328; 1993 a. 463,
14 465, 491; 1995 a. 27 ss. 6606, 9116 (5); 1997 a. 300.

15 Cross Reference: See also ss. A-E 3.01, 4.01, and 9.01, Wis. adm. code.

16

17

18 **Section 2. Initial Applicability**

19 (1) This act first applies to an application for registration as a professional engineer that
20 is filed on the effective date of this subsection.



In: 11/30/06
State of Wisconsin
2007 - 2008 LEGISLATURE

LRB-0942/7

RMNR

CTS:.....

JLD

PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION

1

gen.
AN ACT ...; relating to: registration requirements for professional engineers

Analysis by the Legislative Reference Bureau

* Generally, under current law, no person may practice professional engineering in this state or convey the impression that the person is a professional engineer unless the person is registered with the Examining Board of Architects, Landscape Architects, Professional engineers, Designers, and Land Surveyors (examining board). Currently, an applicant for registration as a professional engineer must submit satisfactory evidence of one of the following: 1) graduation from an engineering course of not less than four years; 2) a record of eight or more years of experience indicating the applicant is competent to be placed in charge of engineering work; 3) a record of 12 or more years of experience indicating the applicant is competent to practice engineering; or 4) graduation from an engineering course of not less than four years and eight years of experience indicating the applicant is competent to practice engineering. Current law provides that graduation from an engineering course at a school approved by the examining board is equivalent to four years of experience, that each year of engineering study completed at such a school is equivalent to one year of experience, and that graduation from an engineering course at a school not approved by the examining board is equivalent to two years of experience.

Under this bill, an applicant for registration as a professional engineer must submit satisfactory evidence of graduation from an approved engineering course of not less than four years and a record of four or more years of experience indicating the applicant is competent to be placed in charge of engineering work.

Currently, an applicant may not be registered as a professional engineer unless the applicant passes an examination that includes questions on the design needs of

people with physical disabilities and the relevant statutes and codes, except that an applicant who applies on the basis of graduation from an engineering course of not less than four years and eight years of experience is not required to pass an examination. Under the bill, all applicants are required to pass an examination, but the examination is not required to include questions on the design needs of people with disabilities or the relevant statutes or codes.

Current law requires the examining board to make an applicant's examination papers available to the applicant for review for one year after the examination. Also under current law, an applicant may request a review of the applicant's examination, and the examining board must provide the reasons for a failing grade. The bill deletes the retention and review requirements.

For further information see the *state* fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

1 *Fix component* SECTION 1. 443.04 (1) (intro.) of the statutes is amended to read: *renumbered 443.04 (intro.) and*

2 *3* 443.04 (1) (intro.) An applicant for registration as a professional engineer shall *Registration requirements for professional engineers.*

3 submit satisfactory evidence to the examining board of *one all* of the following: *renumbered 443.04 (1m) and*

4 *History: 1979 c. 167; 1983 a. 328; 1999 a. 85. Fix component* SECTION 2. 443.04 (1) (a) of the statutes is amended to read: *renumbered 443.04 (1m) and*

5 443.04 (1) (a) A diploma of graduation, or a certificate, from an engineering

6 school or college approved by the examining board as of satisfactory standing in an

7 engineering course of not less than 4 years, together with an additional 4 years of

8 experience in engineering work of a character satisfactory to the examining board

9 and indicating that the applicant is competent to be placed in responsible charge of

10 engineering work. *renumbered 443.04 (2m) and*

11 *History: 1979 c. 167; 1983 a. 328; 1999 a. 85. Fix component* SECTION 3. 443.04 (1) (b) of the statutes is amended to read:

12 443.04 (1) (b) A specific record of ~~8~~ 4 or more years of experience in engineering

13 work of a character satisfactory to the examining board and indicating that the

14 applicant is competent to be placed in responsible charge of engineering work.

1 **SECTION 4.** 443.04 (1) (c) of the statutes is repealed.

2 **SECTION 5.** 443.04 (1) (d) of the statutes is repealed.

3 History: 1979 c. 167; 1983 a. 328; 1999 a. 85.

3 **SECTION 6.** 443.04 (2) of the statutes is repealed.

4 **SECTION 7.** 443.09 (4) of the statutes is amended to read:

5 443.09 (4) Written or written and oral examinations shall be required of every
6 applicant for registration as an architect or a professional engineer ~~except an~~
7 ~~applicant who satisfies s. 443.04 (1) (d).~~ Except as provided in sub. (5), only one form
8 of examination may be required for all applicants. The examination shall be
9 reasonably related to the skills likely to be needed by an applicant practicing the
10 profession at the time of examination and seek to determine the applicant's
11 preparedness to exercise such skills. ~~Failure to pass an examination under this~~
12 ~~section or under any order of the examining board shall not be a bar to registration~~
13 ~~under s. 443.04 (1) (d).~~

14 History: 1979 c. 167; 1981 c. 380; 1981 c. 391 s. 211; 1981 c. 328; 1993 a. 463, 465, 491; 1995 a. 27 ss. 6606, 9116 (5); 1997 a. 300.

14 **SECTION 8.** 443.09 (5) of the statutes is amended to read:

15 443.09 (5) Written or written and oral examinations shall be held at such time
16 and place as the examining board determines. The scope of the examinations and
17 the methods of procedure shall be prescribed by the examining board with special
18 reference to the applicant's ability to design and supervise architectural, landscape
19 architectural, or engineering work, which shall promote the public welfare and
20 ensure the safety of life, health, and property. ~~The architect and professional~~
21 ~~engineering examination or examinations shall include questions which require~~
22 ~~applicants to demonstrate knowledge of the design needs of people with physical~~
23 ~~disabilities and of the relevant statutes and codes. Such questions shall be developed~~
24 ~~by the examining board in consultation with the department of commerce. The~~

1 ~~examination for candidates under s. 443.04 (1) (c)~~ ✓ shall be the principles and practice
2 ~~examination which requires the applicant to demonstrate the ability to apply~~
3 ~~engineering principles and judgment to problems in general engineering disciplines~~
4 ~~and to demonstrate knowledge of the design needs of people with physical disabilities~~
5 ~~and the relevant statutes, rules and regulations.~~ A candidate failing an examination
6 may, upon application and payment of the required reexamination fee, be examined
7 again by the examining board. No restrictions may be placed on the number of times
8 an unsuccessful candidate may be reexamined, except that after failure of 3
9 reexaminations, the examining board may require a one-year waiting period before
10 further reexamination.

11 History: 1979 c. 167; 1981 c. 380; 1981 c. 391 s. 211; 1981 c. 328; 1993 a. 463, 465, 491; 1995 a. 27 ss. 6606, 9116 (5); 1997 a. 300.

11 **SECTION 9.** 443.09 (6) of the statutes is repealed.

12 **SECTION 10. Initial applicability.**

13 (1) This act first applies to applications for registration as a professional
14 engineer that are filed on the effective date of this subsection. ✓

15 (END)

Duerst, Christina

From: Richard, Rob
Sent: Friday, January 05, 2007 2:04 PM
To: LRB.Legal
Subject: Draft Review: LRB 07-0942/1 Topic: Changes to engineer registration requirements

Please Jacket LRB 07-0942/1 for the ASSEMBLY.

CORRECTED COPY

2007 - 2008 LEGISLATURE

LRB-0942/1
CTS:jld:nwn

2007 ASSEMBLY BILL 69

Added &
Re-Printed
05-30-2007
910

February 13, 2007 - Introduced by Representatives GOTTLIEB, KERKMAN, A. OTT and TOWNSEND, cosponsored by Senator PLALE. Referred to Committee on Labor and Industry.

1 AN ACT *to repeal* 443.04 (1) (c), 443.04 (1) (d), 443.04 (2) and 443.09 (6); *to*
2 *renumber and amend* 443.04 (1) (intro.), 443.04 (1) (a) and 443.04 (1) (b); and
3 *to amend* 443.09 (4) and 443.09 (5) of the statutes; **relating to:** registration
4 requirements for professional engineers.

Analysis by the Legislative Reference Bureau

Generally, under current law, no person may practice professional engineering in this state or convey the impression that the person is a professional engineer unless the person is registered with the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers, and Land Surveyors (examining board). Currently, an applicant for registration as a professional engineer must submit satisfactory evidence of one of the following: 1) graduation from an engineering course of not less than four years; 2) a record of eight or more years of experience indicating the applicant is competent to be placed in charge of engineering work; 3) a record of 12 or more years of experience indicating the applicant is competent to practice engineering; or 4) graduation from an engineering course of not less than four years and eight years of experience indicating the applicant is competent to practice engineering. Current law provides that graduation from an engineering course at a school approved by the examining board is equivalent to four years of experience, that each year of engineering study completed at such a school is equivalent to one year of experience, and that graduation from an engineering course at a school not approved by the examining board is equivalent to two years of experience.

plus a record of four or more years of experience indicating the applicant is competent to be placed in charge of engineering work