

CERTIFICATE

**STATE OF WISCONSIN
DEPARTMENT OF REGULATION AND LICENSING**



TO ALL WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Patricia Reuter, Director, Bureau of Business and Design Professions in the Wisconsin Department of Regulation and Licensing and custodian of the official records of the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors, do hereby certify that the annexed rules were duly approved and adopted by the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors on the 18th day of January, 1996.

I further certify that said copy has been compared by me with the original on file in this office and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the board at 1400 East Washington Avenue, Madison, Wisconsin this 18th day of January, 1996.

Patricia A. Reuter
**Patricia Reuter, Director, Bureau of
Business and Design Professions,
Department of Regulation and
Licensing**

STATE OF WISCONSIN
EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS,
PROFESSIONAL GEOLOGISTS, PROFESSIONAL ENGINEERS,
DESIGNERS AND LAND SURVEYORS

IN THE MATTER OF RULE-MAKING : ORDER OF THE
PROCEEDINGS BEFORE THE : EXAMINING BOARD OF ARCHITECTS,
EXAMINING BOARD OF ARCHITECTS, : LANDSCAPE ARCHITECTS, PROFESSIONAL
LANDSCAPE ARCHITECTS, : GEOLOGISTS, PROFESSIONAL ENGINEERS,
PROFESSIONAL GEOLOGISTS, : DESIGNERS AND LAND SURVEYORS
PROFESSIONAL ENGINEERS, : ADOPTING RULES
DESIGNERS AND LAND SURVEYORS : (CLEARINGHOUSE RULE 95-136)

ORDER

An order of the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors to amend A-E 3.05 (8) (b), 4.08 (7) (b), 5.04 (8) (b), 6.05 (9) (b), 9.05 (6) (b) and 10.05 (6) (b); to repeal and recreate A-E 4.05 and 4.06; and to create A-E 2.05, relating to the examination review procedure, renewal of credentials, requirements for registration as a professional engineer and education as an experience equivalent for registration as a professional engineer.

Analysis prepared by the Department of Regulation and Licensing.

ANALYSIS

Statutes authorizing promulgation: ss. 15.08 (5) (b) and 227.11 (2), Stats.

Statutes interpreted: ss. 443.04, 443.09 (6) and 443.10 (2) (e), Stats.

In this proposed rule-making order the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors creates and amends rules as follows:

- 1) Section A-E 2.05 is created to provide that the affected section of the board may make appropriate inquiry of persons seeking to renew their credentials more than five years after expiration, and may impose reasonable conditions on renewal after that period, including imposition of any of the conditions required for grant of an initial credential.
- 2) Sections A-E 3.05 (8) (b), A-E 4.08 (7) (b), A-E 5.04 (8) (b), A-E 6.05 (9) (b), A-E 9.05 (6) (b) and A-E 10.05 (6) (b) are amended to reflect the procedure currently in place for all sections of the board covering examination review by failing candidates. Under the proposed rule, failing candidates would be notified of the appeal procedure without being required to inquire in that regard.

3) Sections A-E 4.05 and 4.06 are repealed and recreated to more clearly define the requirements for licensure under sec. 443.04 (1) (a), (b), (c) and (d), Stats. The previous rule utilized a table to establish various experience equivalency criteria which proved confusing for candidates. The proposed rule does not change those criteria, but merely defines them in a more easily understood narrative form.

TEXT OF RULE

SECTION 1. A-E 2.05 is created to read:

A-E 2.05 FAILURE TO BE REGISTERED. (1) If a licensee who fails to renew his or her credential by the established renewal date applies for renewal of the credential less than 5 years after its expiration, the credential shall be renewed upon payment of the renewal fee specified in s. 440.08, Stats.

(2) (a) If a licensee applies for renewal of his or her credential more than 5 years after its expiration, the board shall determine whether the applicant is competent to practice under the credential in this state. The inquiry shall include a review of the applicant's practice within the previous 5 years, if any, in other licensing jurisdictions.

(b) After inquiry, the board shall impose any reasonable conditions on reinstatement of the credential as the board deems appropriate, including a requirement that the applicant complete any current requirement for original licensure.

SECTION 2. A-E 3.05 (8) (b) is amended to read:

A-E 3.05 (8) (b) Review procedure. ~~An applicant shall contact the board office located at 1400 East Washington Avenue, Madison, Wisconsin 53702, to schedule an appointment to review~~ Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No notes may be retained by the applicant following the review. All notes taken during the review shall be placed in the applicant's file. The review may not take place within 30 days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined under sub. (7).

SECTION 3. A-E 4.05 and 4.06 are repealed and recreated to read:

A-E 4.05 REQUIREMENTS FOR REGISTRATION AS A PROFESSIONAL ENGINEER. (1) Requirements for registration under s. 443 04 (1) (a), Stats., are as follows:

(a) A bachelor of science degree from a school or college of engineering accredited by the engineering accreditation commission of the accreditation board for engineering and technology (EAC/ABET) in an engineering course of not less than 4 years, or a diploma of graduation in an engineering course of not less than 4 years deemed by the board to

be equivalent to a B.S. degree in engineering from an EAC/ABET accredited school or college of engineering.

(b) Not less than 4 years of experience in engineering work of a character satisfactory to the board indicating that the applicant is competent to practice engineering. Experience gained in obtaining a master's degree in engineering and experience gained in obtaining a Ph.D. in engineering or in an engineering related program shall each be deemed equivalent to one year of qualifying experience.

(c) Successful completion of the fundamentals of engineering, the principles and practice of engineering and the barrier free design parts of the board's examination.

(2) Requirements for registration under s. 443.04 (1) (b), Stats., are as follows:

(a) A specific record of 8 or more years of experience in engineering work of a character satisfactory to the board indicating that the applicant is competent to be placed in responsible charge of the work, or a combination of engineering experience and equivalent education totaling 8 years.

(b) Successful completion of the fundamentals of engineering, the principles and practice of engineering and the barrier free design parts of the board's examination.

(3) Requirements for registration under s. 443.04 (1) (c), Stats., are as follows:

(a) A specific record of not less than 12 years experience in engineering work of a character satisfactory to the board indicating that the applicant is competent to practice engineering, or a combination of experience and equivalent education totaling 12 years.

(b) Submission of documentary evidence establishing to the satisfaction of the board that the applicant has acquired by practical experience or professional education sufficient knowledge of mathematics, the physical sciences and the principles of engineering to competently practice engineering.

(c) Successful completion of the principles and practice of engineering and the barrier free design parts of the board's examination.

(4) Requirements for registration under s. 443.04 (1) (d), Stats., are as follows:

(a) A bachelor of science degree from a school or college of engineering accredited by the engineering accreditation commission of the accreditation board for engineering and technology (EAC/ABET) in an engineering course of not less than 4 years, or a diploma of graduation in an engineering course of not less than 4 years deemed by the board to

be equivalent to a B.S. degree in engineering from an EAC/ABET accredited school or college of engineering.

(b) Not less than 8 years of experience in engineering work of a character satisfactory to the board indicating that the applicant is competent to practice engineering. Experience gained in obtaining a master's degree in engineering and experience gained in obtaining a Ph.D. in engineering or in an engineering related program shall each be deemed equivalent to one year of qualifying experience.

(c) Submission of a statement describing provisions of Wisconsin law which govern the practice of engineering and which concern the design needs of people with physical disabilities.

(d) Submission of evidence that the applicant has had at least 6 months of engineering experience in Wisconsin or has had sufficient contacts with this state to make the applicant familiar with Wisconsin engineering law and practice.

(5) If an engineering degree is from an international educational institution, the applicant shall provide an official evaluation by a transcript evaluation service acceptable to the board which shows that the degree is equivalent to a B.S. or higher degree in an engineering program accredited by the engineering accreditation commission of the accreditation board for engineering and technology. The board may approve the degree if it finds equivalence.

A-E 4.06 EDUCATION AS AN EXPERIENCE EQUIVALENT FOR REGISTRATION.

For the purpose of meeting experience requirements for registration as a professional engineer under s. 443.04 (1) (b) and (c), Stats., an applicant may claim education as equivalent to experience as follows:

(1) Completion of each year of engineering coursework at a school or college of engineering accredited by the engineering accreditation commission of the accreditation board for engineering and technology (EAC/ABET) in an engineering program of not less than 4 years, or completion of each year of engineering coursework at a school or college of engineering in an engineering program of not less than 4 years deemed by the board to be equivalent to an EAC/ABET accredited school or college of engineering program, shall be deemed equivalent to one year of qualifying experience.

(2) Completion of each year of engineering coursework at a school or college of engineering in an engineering program of not less than 4 years deemed by the board not to be equivalent to an EAC/ABET accredited school or college of engineering shall be deemed equivalent to not more than 7/8 of one year of qualifying experience.

(3) Completion of each year of coursework in engineering technology at a school or college of engineering technology accredited by the technology accrediting commission of the accreditation board for engineering and technology in an engineering technology program of not less than 4 years shall be deemed equivalent to 3/4 of one year of qualifying experience.

(4) Completion of each year of coursework in engineering technology at a school or college of engineering technology not accredited by the technology accreditation commission of the accreditation board for engineering and technology in an engineering technology program of not less than 4 years shall be deemed equivalent to not more than 2/3 of one year of qualifying experience.

(5) Completion of each year of coursework leading to a B.S. degree in engineering related sciences, including but not limited to physics, mathematics and chemistry, from a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located shall be deemed equivalent to 3/4 of one year of qualifying experience.

(6) Completion of each year of coursework leading to a B.S. degree in areas other than engineering or engineering related sciences from a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located shall be deemed to be equivalent to not more than 1/2 of one year of qualifying experience.

(7) Engineering experience gained in a cooperative educational program shall be evaluated on an individual basis but may not be deemed to be equivalent to more than a total of one year of qualifying experience. To obtain equivalent work experience credit, an applicant shall submit a record of work completed in the cooperative educational program with the application for registration. The engineering section shall determine the amount of equivalent experience awarded by evaluating the record of work completed using the criteria in s. A-E 4.03.

SECTION 4. A-E 4.08 (7) (b) is amended to read:

A-E 4.08 (7) (b) ~~An applicant shall contact the board office, located at 1400 East Washington Avenue, Madison, Wisconsin 53702, to schedule an appointment to review~~ Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No notes may be retained by the applicant following the review. All notes taken during the review shall be placed in the applicant's file. The review may not take place within 30 days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined.

SECTION 5. A-E 5.04 (8) (b) is amended to read:

A-E 5.04 (8) (b) Review procedure. An applicant shall contact the board office, located at 1400 East Washington Avenue, Madison, Wisconsin 53702, to schedule an appointment to review Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No notes may be retained by the applicant following the review. All notes taken during the review shall be placed in the applicant's file. The review may not take place within 30

days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined under sub. (7).

SECTION 6. A-E 6.05 (9) (b) is amended to read:

A-E 6.05 (9) (b) Review procedure. ~~An applicant shall contact the board office, located at 1400 East Washington Avenue, Madison, Wisconsin 53702, to schedule an appointment to review~~ Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No notes may be retained by the applicant following the review. ~~All notes taken during the review shall be placed in the applicant's file.~~ The review may not take place within 30 days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined under sub. (8).

SECTION 7. A-E 9.05 (6) (b) is amended to read:

A-E 9.05 (6) (b) ~~An applicant shall contact the board office, located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708, to schedule an appointment to review~~ Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No such notes may be retained by the applicant following the review. ~~All notes taken during the review shall be placed in the applicant's file.~~ The review may not take place within 30 days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined under sub. (7).

SECTION 8. A-E 10.05 (6) (b) is amended to read:

A-E 10.05 (6) (b) ~~An applicant shall contact the board office, located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708, to schedule an appointment to review~~ Failing candidates shall be notified of the procedure to schedule a review of the appropriate examination parts. The applicant may take notes on the examination questions reviewed. No such notes may be retained by the applicant following the review. ~~All notes taken during the review shall be placed in the applicant's file.~~ The review may not take place within 30 days prior to a scheduled examination. If the section confirms the failing status following its review, the application shall be deemed incomplete, and the applicant may be reexamined under sub. (7).

(END OF TEXT OF RULE)

The rules adopted in this order shall take effect on the first day of the month following publication in the Wisconsin administrative register pursuant to s. 227.22 (2) (intro.), Stats.

Dated 1-18-96 Agency W. C. M. Kelly
Vice-Chairperson

Examining Board of Architects, Landscape Architects,
Professional Geologists, Professional Engineers,
Designers and Land Surveyors

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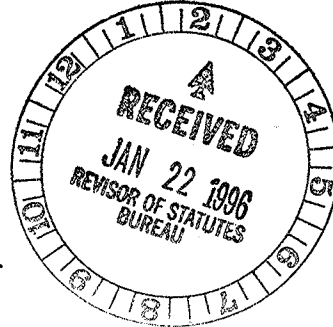
CORRESPONDENCE/MEMORANDUM

STATE OF WISCONSIN

DATE: January 22, 1996

TO: Gary Poulson
Assistant Revisor of Statutes

FROM: Pamela A. Haack, Rules Center Coordinator
Department of Regulation and Licensing
Office of Administrative Rules



SUBJECT: Final Order Adopting Rules

**Agency: EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS,
PROFESSIONAL GEOLOGISTS, PROFESSIONAL ENGINEERS, DESIGNERS
AND LAND SURVEYORS**

Attached is a copy and a certified copy of a final order adopting rules. Would you please publish these rules in the register.

Please stamp or sign a copy of this letter to acknowledge receipt.

Thank you.