

CR 84-95

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CERTIFICATE

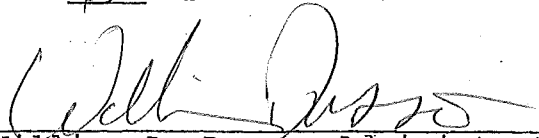
STATE OF WISCONSIN)
) SS
EXAMINING BOARD OF ARCHITECTS, PROFESSIONAL)
ENGINEERS, DESIGNERS AND LAND SURVEYORS)

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, William L. Dusso, administrator of the Bureau of Design Professions in the Department of Regulation and Licensing, and custodian of the official records of the Examining Board of Architects, Professional Engineers, Designers and Land Surveyors, do hereby certify that the annexed rules, relating to requirements for designers of engineering systems, license denial proceedings and standards for property surveys, were duly approved and adopted by this board on November 7, 1984.

I further certify that the copy has been compared by me with the original on file in the board office and that the same is a true copy thereof, and of the whole of the 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 13th day of March, A.D. 1985.



William L. Dusso, Administrator
Bureau of Design Professions
Department of Regulation and Licensing

STATE OF WISCONSIN
BEFORE THE
EXAMINING BOARD OF ARCHITECTS, PROFESSIONAL
ENGINEERS, DESIGNERS AND LAND SURVEYORS

IN THE MATTER OF RULEMAKING : ORDER OF THE EXAMINING BOARD OF
PROCEEDINGS BEFORE THE EXAMINING : ARCHITECTS, PROFESSIONAL ENGINEERS,
BOARD OF ARCHITECTS, PROFESSIONAL : DESIGNERS AND LAND SURVEYORS REPEALING,
ENGINEERS, DESIGNERS AND LAND : AMENDING OR ADOPTING RULES
SURVEYORS :

ORDER

Pursuant to authority vested in the Examining Board of Architects, Professional Engineers, Designers and Land Surveyors in ss. 15.08(5)(b), 227.014, 443.03, 443.04, 443.06 and 443.07, Stats., the Examining Board of Architects, Professional Engineers, Designers and Land Surveyors hereby repeals, amends or adopts rules, interpreting ss. 443.03, 443.04 and 443.06, Stats., as follows:

SECTION 1. A-E 1.15(7) is repealed and recreated to read:

A-E 1.15(7) WRITTEN EXAMINATIONS FOR DESIGNER OF ENGINEERING SYSTEMS.

(a) Scope of written examination. 1. The written examination in each field shall include questions and problems applying to the following basic content areas:

- a. Basic mathematics, physics and mechanics;
- b. Materials and structures;
- c. Graphic techniques, including drafting and sketching, reading and interpreting blueprints and preparing specifications; and,
- d. Administrative code and other relevant Wisconsin laws.

2. The examination for a permit in the field of heating, ventilating and air conditioning systems requires an applicant to demonstrate competency in:

- a. User requirements for maintenance of temperature;
- b. Humidity and ventilation systems;
- c. Energy sources, including air, water, steam, gas, electricity and fossil fuel;
- d. Heating, ventilating and air conditioning systems, including ducted, piped, unitary, steam and hot water systems; and,

e. Manual, electric and pneumatic control systems, including air distribution, heat transfer, energy conservation and air changing systems.

3. The examination for a permit in the field of plumbing systems requires an applicant to demonstrate competency in:

a. User requirements for water supply, drainage and disposal, including private septic systems; and,

b. Gaseous distribution systems, including processing piping, oxygen, air and other gases, heating and utilities.

4. The examination for a permit in the field of electrical systems requires the applicant to demonstrate competency in:

a. User requirements for both primary and secondary distribution, illumination, controls and switches, and communication systems; and,

b. Power, including resistance heating, signals and motors.

5. The examination for a permit in the field of fire protection systems requires the applicant to demonstrate competency in:

a. User requirements, for fire protection of life and property, life safety requirements, methods of fire prevention, wet and dry standpipes, use of fire retardants and fire proof materials;

b. Suppression;

c. Fire characteristics;

d. Smoke; and,

e. Gases.

(b) Place and time of examination. The examination shall be conducted on a date and time specified by the board.

(c) Grading of written examination. An applicant's experience rating is not considered by the board in grading the applicant's written examination.

(d) Requirements for entrance to examinations. To be eligible to enter a written examination for a permit as a designer of engineering systems, an applicant shall have 7 years of approved experience in specialized engineering design work, up to 4 years of which may be equivalent academic training or apprenticeship as provided in s. 443.07(2), Stats.

SECTION 2. A-E 1.60(1) is amended to read:

A-E 1.60(1) DENIAL. An applicant for license issued under the provisions of ch. 443, Stats., ~~either than an applicant for renewal of a license;~~ shall be denied a license if the applicant does not meet the

standards or requirements for licensure set forth in ch. 443, Stats., or rules promulgated thereunder and may be denied a license if the applicant has been disciplined by the licensing authority of another state or if the applicant is guilty of any of the grounds for discipline in s. 443.11, Stats.

SECTION 3. A-E 5.01(1)(a) is amended to read:

A-E 5.01(1)(a) ~~Where~~ If other standards for property surveys are prescribed by statute, administrative rule, or ordinance, and the standards are more restrictive than those in this chapter, the more restrictive standards govern; and,

The rules revised and adopted in this order shall taken effect on the first day of the month following publication in the Wisconsin administrative register, pursuant to s. 227.026(1)(a), Stats.

Dated this 11 day of March, 1985.

By

Carl W. Birks
Carl Birks, Chairman
Examining Board of Architects, Professional
Engineers, Designers and Land Surveyors

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