

Chapter A-E 1

REGISTRATION AND CERTIFICATION

A-E 1.01	Approved curricula	A-E 1.05	Firm and partnership information reports
A-E 1.02	Applications for registration or certification	A-E 1.06	Branch offices
A-E 1.03	Issuance of certificate	A-E 1.15	Examinations
A-E 1.04	Registration seals	A-E 1.20	Designer permits, limitations

A-E 1.01 Approved curricula. (1) The architects' section approves, in general, all curricula in architecture that are accredited by the national architectural accrediting board.

(2) The engineers' section approves, in general, all curricula in engineering that are accredited by the engineers' council for professional development.

History: 1-2-56; r. and recr., Register, April, 1967, No. 136, eff. 7-1-67; am. (1) and (2), Register, July, 1968, No. 151, eff. 8-1-68; am. (1) and (2), Register, January, 1971, No. 181, eff. 2-1-71.

A-E 1.02 Applications for registration, certification, or permits.

(1) Application blanks will be furnished to applicants on request.

(2) The application of any applicant who has not complied with or given satisfactory reasons for not complying with a written request of the board within a period of one year shall be considered denied. If the applicant desires registration, certification, or a permit, after his application has been so denied, he must submit a new application and make payment of the required fees of a new applicant.

History: 1-2-56; am. (1) and (2), Register, January, 1971, No. 181, eff. 2-1-71.

A-E 1.03 Issuance of certificate. The date of registration and date of issuance of a certificate is the date registration is granted by the board to the applicant unless a later date is established by the board. Failure to pay the final fee within a period of 2 months after notification of approval of application for registration shall cause registration to lapse unless the applicant submits satisfactory reasons for the delay to the board.

A-E 1.04 Registration seals. (1) Each registrant, as an architect, engineer or land surveyor as well as every designer holding a permit, shall provide himself with a seal that complies with the specifications of the board. The overall diameter of such seal shall not be smaller than the commercially designated 1½ inches, nor shall it exceed the commercially designated 2 inches.

Register, March, 1971, No. 183

(2) (a) Such seal shall contain the registrant's name, registration number and city. The following designs have been adopted:



(b) Seals obtained prior to the adoption of this rule and which are in conformance with prior board rules are acceptable.

(3) Rubber stamps, identical in size, design and content with the approved seals may be used by the registrant at his option.

(4) (a) Each sheet of plans, drawings, documents, specifications and reports for architectural, engineering, or design practice, and of maps, plats, charts and reports for land surveying practice shall be signed, sealed and dated by the registrant in responsible charge of their preparation. Where more than one sheet is bound together into one volume, only the title sheet or index sheet need be signed, sealed and dated by the registrant or permit holder in responsible charge of their preparation, provided the signed sheet clearly identifies all of the other sheets comprising the bound volume.

(b) No additions, deletions, or other revisions shall be made unless a statement of such revision be attached to the sheet bearing the original seal and signature. The statement shall be signed, sealed and dated by the registrant or permit holder in responsible charge

(e) *Grading of written examinations, passing grades and retakes.*

1. Experience ratings will not be weighed as a part of the examinations.

2. On each examination A or B a successful applicant must average at least 70%. He must not fall below 60% in part I or part II of either examination.

3. If an applicant fails in parts I or II of examination A or B, he may at the discretion of the board be not required to retake the parts he has passed, or he may be required to retake the entire examination.

(f) *Scope of written examinations.*

1. Examination A.

Part I—This portion requires a knowledge of physics, chemistry, mechanics, and materials of construction such as could be acquired from courses which are a part of an accredited engineering curriculum.

Part II—This portion requires a knowledge of the fundamentals of engineering and of the particular field pursued by the applicant such as could be acquired from courses in electrical circuits and machinery, hydraulics, thermo-dynamics, structures, and machine design which are a part of an accredited engineering curriculum.

2. Examination B.

Part I—This portion is in a general engineering field selected by the applicant from a listing specified by the engineering section such as chemical, civil, electrical, mechanical, mining, metallurgical, etc. A separate examination will be offered for each general field.

Part II—Specialty. This portion is in a sub-field selected by the applicant from a listing specified by the engineering section. Questions involving engineering economics, ethics and law may be included. The applicant may be required to prepare an engineering report from a list of assigned topics.

(6) EXAMINATIONS FOR LAND SURVEYOR. (a) *Examinations required.* Parts I, II, III and IV. Each part 4 hours in length. Total 2 days (16 hours).

1. The applicant shall be required to pass the 16-hour written examination.

2. Oral examinations will be at the discretion of the land surveyors' section.

(b) *Place of examinations.* The examinations will be held at sites designated by the board.

(c) *Time of examinations.* To be arranged.

(d) *Grading of written examinations; passing grades.* 1. Experience ratings will not be weighed as a part of the examinations.

2. The applicant must not fall below 60% in part I, part II, part III or part IV, and must average at least 70% in a combination of: part I and part II; and part III and part IV.

3. If an applicant fails in parts I, II, III or IV of the examination he may at the discretion of the board be not required to retake the parts he has passed, or he may be required to retake the entire examination.

(e) *Scope of written examinations.* The examination will be made up of questions covering some phases of the following subjects:

1. Fundamentals of mathematics, algebra, trigonometry and geome-

try; the history, principles and applications of the U. S. System of Public Land Surveys, Wisconsin plane coordinate surveys, and geodetic surveys; the instructions of the U. S. Land Office relative to the relocation of lost and obliterated corners and the subdivision of sections; the legal essentials of resurveys, including those involving disputed boundaries, defective deed descriptions, riparian rights, adverse possessions, etc.; Wisconsin statutes relative to land surveying, including the preparation and filing of plats; the writing and interpretations of land descriptions; the technical essentials of land surveying and subdivision of lands, including practical problems requiring a knowledge of the basic theory and fundamental concepts in field astronomy, geometry of curves, topography and photogrammetry.

History: 1-2-56; r. and recr. (3); am. (5)(e)3., Register, February, 1961, No. 62, eff. 3-1-61; cr. (6), Register, August, 1965, No. 116, eff. 11-1-65; r. and recr. (3)(a), Register, November, 1966, No. 131, eff. 12-1-66; r. and recr. (4)(d), eff. 7-1-67; and r. and recr. (6), eff. 8-1-67; Register, April, 1967, No. 136; am. (5)(d)2, (5)(f)2 and (6)(a)2, Register, July, 1968, No. 151, eff. 8-1-68; r. and recr. (5)(b) and (c) and (6)(b) and (c), Register, February, 1969, No. 158, eff. 3-1-69; am. (3), (6)(a)2, and (7), Register, January, 1971, No. 181, eff. 2-1-71.

A-E 1.20 Designer permits, limitations. (1) Permits for the design of engineering systems shall be issued in the following fields:

- (a) Heating, ventilation and air conditioning systems;
- (b) Plumbing systems;
- (c) Electrical systems;
- (d) Fire protection systems; and
- (e) Industrial systems.

(2) Permits issued in any of the fields designated in subsection (1) shall be further limited to subfields as are determined by the joint board and recognized in engineering design practice.

(3) Permit numbers shall designate the fields and subfields permits are restricted to.

History: Cr. Register, March, 1971, No. 183, eff. 4-1-71.