

1800.2805 QUALIFYING EXPERIENCE DEFINED.**Subpart 1. Qualifying experience; generally.**

A. As used in this part and parts 1800.2500 and 1800.2800, qualifying experience consists of varied, progressive, nonrepetitive, practical experience at engineering work that develops the applicant's ability to apply the knowledge gained during academic training to make sound judgments in solving engineering problems and prepares the applicant to assume responsible charge of the work involved in the practice of engineering.

B. The applicant must demonstrate that qualifying experience meets the following requirements:

(1) experience must include elements of design, planning, specifications, codes and standards, research and analysis, engineering economics, safety, and observation of construction projects or products;

(2) experience must be progressive by a demonstration that it was of increasing quality and required greater responsibility; and

(3) experience must include demonstration of knowledge of engineering mathematics, physical and applied science, properties of materials, the fundamental principles of engineering design, and the application of engineering principles in the practical solution of engineering problems.

C. Experience must be written in detail, verified by the applicant's supervisor, and submitted with the application for evaluation and approval by the board.

D. Experience must not be obtained in violation of Minnesota Statutes, chapter 326.

E. Experience must have been completed at the time of application.

Subp. 2. Qualifying experience; specific.

A. Experience gained in the armed services must be equivalent to that which would have been gained in the civilian sector doing similar work.

B. For sales experience, the applicant must demonstrate that engineering principles were required and used in gaining experience.

C. Teaching experience must be in engineering or engineering-related courses at an intermediate or advanced level in an EAC-ABET accredited degree program. Intermediate or advanced level coursework includes courses taken beyond the introductory level.

D. Experience gained in engineering research and design projects by members of an engineering faculty in an EAC-ABET accredited degree program is creditable.

E. Experience in construction must demonstrate the application of engineering principles.

Statutory Authority: *MS s 326.06*

History: *14 SR 2988; 38 SR 59; 43 SR 89*

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