

**3800.3520 EXAMINATION; MINIMUM EXPERIENCE REQUIREMENTS FOR LICENSURE; ACCEPTABLE EXPERIENCE.**

Subpart 1. **Examination requirements.** As a precondition to issuance of any class of individual electrical license, an applicant is required to pass an examination for the type of license sought, in accordance with Minnesota Statutes, section 326B.33, subdivision 18.

Subp. 2. **Minimum experience requirements.** Except as otherwise provided for a master electrician license under Minnesota Statutes, section 326B.33, subdivision 1, clause (1)(a), for a Class B installer license under Minnesota Statutes, section 326B.33, subdivision 5, and for a power limited technician license under Minnesota Statutes, section 326B.33, subdivision 7, paragraph (b), clause (1), an applicant for an electrical license shall have acceptable experience, as defined by subpart 4, before examination for licensure under Minnesota Statutes, section 326B.33, subdivision 18.

Subp. 3. **Maximum allowable credit under certain conditions.** The maximum allowable electrical experience credit under the following conditions shall be as stated:

- A. before age 17, none;
- B. in foreign countries, 12 months;
- C. acquired during the school term of a department-approved two-year, post-high school electrical course and other department-approved courses requiring attendance on a full-time daily basis, none; and
- D. experience for a power limited technician only, acquired during the school term of department-approved part-time or night school courses, no restriction.

Subp. 4. **Acceptable experience for certain categories in certain situations.** Experience in the categories of planning for the installation of wiring, apparatus, and equipment for light, heat, and power; laying out for the installation of wiring, apparatus, and equipment for light, heat, and power; supervising the installation of wiring, apparatus, and equipment for light, heat, and power; and wiring and installing electrical wiring, apparatus, and equipment for light, heat, and power is acceptable in the situations described in items A to E.

A. Experience while in the employ of a contractor licensed under Minnesota Statutes, section 326B.33, subdivision 14.

B. Experience while working in Minnesota for an employer who is not required to be licensed as a contractor, if the work is inspected under Minnesota Statutes, section 326B.36, and done under the supervision of a properly licensed electrician.

C. Experience while performing electrical work in Minnesota for an employer who is exempt from licensing when the work is exempt from inspection under Minnesota Statutes, section 326B.36, or when the work is performed on federal property by a federal

employee, if the department has determined in either situation that the experience is substantially equal to that acquired in performing work while in the employ of a licensed contractor. The determination shall be made after a personal inspection by not less than two department representatives on the premises where the applicable work was performed.

D. Experience while performing electrical work outside of Minnesota, which the department has determined is substantially equivalent to the work performed while in the employ of a licensed contractor in Minnesota. This determination must be based on a certification by the employer for the type of work performed.

E. Experience while performing electrical work in the armed forces of the United States which the department has determined is substantially equivalent to work performed while in the employ of a licensed contractor in Minnesota. This determination shall be based on a certification by the military for the type of work performed.

Subp. 5. **Schedule of minimum experience requirements and maximum experience allowances.** The minimum required experience and maximum experience allowance under subpart 2 shall be as shown in items A to H for the type of license sought.

A. Class A master electrician, the minimum total is 60 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;

(2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;

(3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of two months, maximum credit allowance of 12 months;

(4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of 12 months, maximum credit allowance of 48 months;

(5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;

(6) line work: minimum experience of zero months, maximum credit allowance of three months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of six months;

(8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months; and

(9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of 12 months.

B. Class A journeyman electrician, the minimum total is 48 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of 24 months, maximum credit allowance of 48 months;

(5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;

(6) line work: minimum experience of zero months, maximum credit allowance of three months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of six months;

(8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;

(9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of 12 months; and

(10) a maximum of one year of experience credit will be allowed for the successful completion of a two-year, post high-school electrical course approved by the department.

C. [Repealed, L 2013 c 85 art 2 s 44]

D. [Repealed, L 2013 c 85 art 2 s 44]

E. Maintenance electrician, the minimum total is 48 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;

(5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of 24 months, maximum credit allowance of 48 months;

(6) line work: minimum experience of zero months, maximum credit allowance of three months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of six months;

(8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;

(9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of 12 months; and

(10) a maximum of one year of experience credit will be allowed for the successful completion of a two-year, post-high school technical course approved by the department.

F. Lineman, the minimum total is 48 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 12 months;

(5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 12 months;

(6) line work: minimum experience of 24 months, maximum credit allowance of 48 months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of three months;

(8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months; and

(9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of zero months.

G. Class B installer, the minimum total is 12 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(2) laying out for the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(3) supervising the installation of wiring, apparatus, and equipment for light, heat, and power: minimum experience of zero months, maximum credit allowance of zero months;

(4) wiring for and installing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 12 months;

(5) maintaining and repairing electrical wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of six months;

(6) line work: minimum experience of zero months, maximum credit allowance of three months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of three months;

(8) wiring and maintaining technology circuits or systems: minimum experience of zero months, maximum credit allowance of three months; and

(9) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of zero months.

H. Power limited technician, the minimum total is 36 months, including:

(1) planning for the installation of wiring, apparatus, and equipment for technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;

(2) laying out for the installation of wiring, apparatus, and equipment for technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;

(3) supervising the installation of wiring, apparatus, and equipment for technology circuits or systems: minimum experience of zero months, maximum credit allowance of six months;

(4) wiring for and installing technology circuit or system wiring, apparatus, and equipment: minimum experience of 12 months, maximum credit allowance of 36 months;

(5) maintaining and repairing technology circuit or system wiring, apparatus, and equipment: minimum experience of zero months, maximum credit allowance of 24 months;

(6) line work: minimum experience of zero months, maximum credit allowance of zero months;

(7) installing elevators: minimum experience of zero months, maximum credit allowance of zero months;

(8) wiring and maintaining process control circuits or systems: minimum experience of zero months, maximum credit allowance of six months; and

(9) a maximum of up to 12 months or 2,000 hours of experience credit will be allowed for the successful completion of a two-year, post-high school electrical course or other technical training approved by the department.

**Statutory Authority:** *MS s 326.241; 326B.32*

**History:** *14 SR 518; 17 SR 139; 29 SR 947; L 2007 c 140 art 5 s 32; art 13 s 4; 34 SR 473; L 2013 c 85 art 2 s 44*

**Published Electronically:** *July 24, 2013*