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ADMINISTRATIVE
HEARINGS

1 Board of Electricity

2 Adopted Permanent Rules Relating to Electrician Licenses

3 3800.3500 DEFINITIONS.

4 Subpart 1. **Words, terms, and phrases.** For the purposes of
5 this chapter and the Minnesota Electrical Act, Minnesota

6 Statutes, sections 326.241 to 326.248, the following terms have
7 the meanings given them.

8 [For text of subp 2, see M.R.]

9 Subp. 3. **Employee.** "Employee" means:

10 [For text of item A, see M.R.]

11 B. an instructor of an electrical wiring course and
12 the instructor's students, while performing electrical work on
13 projects on the school premises under the personal on-the-job
14 supervision of a properly licensed employee of a contractor.

15 [For text of subps 4 to 10, see M.R.]

16 Subp. 11. **Personal on-the-job supervision and job.**

17 A. For the purposes of Minnesota Statutes, section
18 326.242, subdivision 5, "personal on-the-job supervision" means
19 that the unlicensed person will have a licensed person present
20 on the job and providing supervision the entire working day.

21 [For text of item B, see M.R.]

22 3800.3520 EXAMINATION; MINIMUM EXPERIENCE REQUIREMENTS FOR
23 LICENSURE; EXPERIENCE ACCEPTABLE TO BOARD.

24 [For text of subps 1 and 2, see M.R.]

25 Subp. 3. **Maximum allowable credit under certain**
26 **conditions.** The maximum allowable electrical experience credit

1 under the following conditions shall be as stated:

2 A. before age 12, none;

3 B. before age 16, six months;

4 C. in foreign countries, 12 months;

5 D. acquired during the school term of a

6 board-approved two-year post high school electrical course and
7 other board-approved courses requiring attendance on a full-time
8 daily basis, none; and

9 E. experience for a power limited technician only,
10 acquired during the school term of board-approved part-time or
11 night school courses, no restriction.

12 Subp. 4. Experience acceptable to board for certain
13 categories in certain situations. Experience in the categories
14 of planning for the installation of wiring, apparatus, and
15 equipment for light, heat, and power; laying out for the
16 installation of wiring, apparatus, and equipment for light,
17 heat, and power; supervising the installation of wiring,
18 apparatus, and equipment for light, heat, and power; and wiring
19 and installing electrical wiring, apparatus, and equipment for
20 light, heat, and power is acceptable to the board in the
21 situations described in items A to E.

22 A. Experience while in the employ of a contractor
23 licensed under Minnesota Statutes, section 326.242, subdivision
24 6.

25 B. Experience while working in Minnesota for an
26 employer who is not required to be licensed as a contractor, if
27 the work is inspected under Minnesota Statutes, section 326.244,

1 and done under the supervision of a properly licensed
2 electrician.

3 C. Experience while performing electrical work in
4 Minnesota for an employer who is exempt from licensing when the
5 work is exempt from inspection under Minnesota Statutes, section
6 326.244, or when the work is performed on federal property by a
7 federal employee, if the board has determined in either
8 situation that the experience is substantially equal to that
9 acquired in performing work while in the employ of a licensed
10 contractor. The determination shall be made after a personal
11 inspection by not less than two board members and one staff
12 employee of the board on the premises where the applicable work
13 was performed.

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

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

26 Subp. 5. Schedule of minimum experience requirements and
27 maximum experience allowances. The minimum required experience

1 and maximum experience allowance under subpart 2 shall be as
2 shown in items A to I for the type of license sought.

3 A. Class A master electrician, the minimum total is
4 60 months, including:

5 [For text of subitems (1) to (7), see M.R.]

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

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

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

14 [For text of subitems (1) to (4), see M.R.]

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

18 [For text of subitems (6) and (7), see M.R.]

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

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

25 [For text of subitem (10), see M.R.]

26 C. Master elevator constructor, the minimum total is
27 60 months, including:

1 [For text of subitems (1) to (7), see M.R.]

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

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

8 D. Elevator constructor, the minimum total is 36
9 months, including:

10 [For text of subitems (1) to (7), see M.R.]

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

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

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

19 [For text of subitems (1) to (7), see M.R.]

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

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

26 [For text of subitem (10), see M.R.]

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

1 [For text of subitems (1) to (7), see M.R.]

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

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

8 G. Class A installer, the minimum total is 12 months,
9 including:

10 [For text of subitems (1) to (7), see M.R.]

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

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

17 H. Class B installer, the minimum total is 12 months,
18 including:

19 [For text of subitems (1) to (7), see M.R.]

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

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

26 I. Power limited technician, the minimum total is 36
27 months, including:

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

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

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

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

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

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

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

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

26 (9) a maximum of up to 12 months or 2,000 hours
27 of experience credit will be allowed for the successful

1 completion of a two-year post high school electrical course or
2 other technical training approved by the board.

3 3800.3530 REQUIREMENTS FOR SECURING AND MAINTAINING CONTRACTOR'S
4 LICENSE.

5 Subpart 1. Information required to be provided by
6 applicants. In addition to the requirements of Minnesota
7 Statutes, section 326.242, subdivision 6, an applicant for a
8 contractor's license shall also supply the information described
9 in items A to G:

10 A. The telephone number, exclusive of answering
11 services, as listed under the contractor's or person's name in
12 telephone directories.

13 B. The mailing address, and the street address of:

14 (1) the owner, if the applicant is a sole
15 proprietorship;

16 (2) each partner, if the applicant is a
17 partnership or limited liability partnership;

18 (3) each member, if the applicant is a limited
19 liability company;

20 (4) the corporate officers, if the applicant is a
21 corporation;

22 (5) the primary location from which the
23 contracting business is conducted;

24 (6) the registered office or registered agent of
25 the corporation or limited liability company, or the specified
26 office or specified agent of the limited liability partnership
27 when the company is located in a state that is not contiguous

1 with Minnesota; and

2 (7) each additional location from which the
3 applicant's contracting business is conducted.

4 C. The Social Security number of each individual,
5 partner, venturer, corporate officer, or member as required by
6 Minnesota Statutes, section 270.72, subdivision 4.

7 D. Except for an individual or a partnership making
8 application using the individual's or all partners' own full
9 true names as the contractor name, a copy of the certificate of
10 assumed name or a copy of the certificate of good standing
11 issued by the Office of the Secretary of State.

12 E. Except for sole proprietor and one-member limited
13 liability companies that do not have employees or do not have
14 taxable sales, the applicant's Minnesota and federal
15 identification numbers. Dependent upon residency of employees
16 and wages paid, applicants from outside Minnesota may not be
17 required to provide a Minnesota identification number.
18 Applicants not providing a Minnesota identification number under
19 this item must provide an affidavit that their company is not
20 required to deduct and withhold employee income tax.

21 F. When the applicant has employees, the applicant's
22 worker's compensation insurance account number and unemployment
23 insurance account number. A worker's compensation insurance
24 account number is not required for an applicant who only employs
25 persons excluded under Minnesota Statutes, section 176.041. An
26 applicant not providing worker's compensation insurance must
27 provide an affidavit that Minnesota Statutes, section 176.041,

1 does not require worker's compensation insurance for their
2 employees.

3 G. A certificate of master electrician or power
4 limited technician identifying the licensed person responsible
5 for the contractor's license as required by part 3800.3540.

6 Subp. 2. [See repealer.]

7 Subp. 3. [See repealer.]

8 [For text of subp 4, see M.R.]

9 3800.3540 DESIGNATION OF RESPONSIBLE MASTER ELECTRICIAN OR POWER
10 LIMITED TECHNICIAN ON CONTRACTOR'S LICENSE APPLICATION.

11 Subpart 1. Responsible licensed person for contractor
12 limited to one contractor license. Each contractor shall
13 designate the responsible master electrician or power limited
14 technician employed by the contractor on the application for a
15 contractor's license. The board shall not grant a contractor's
16 license if it appears that the responsible electrician or power
17 limited technician designated is also employed by any other
18 contractor or employer. In the event that an applicant for a
19 contractor license has designated an employee as the responsible
20 master electrician or power limited technician who is the
21 responsible master electrician or power limited technician for
22 another contractor or employer, or is employed by another
23 contractor or employer, the board shall return the application
24 to the applicant.

25 Subp. 2. Notice required for resignation, termination, or
26 separation of responsible licensed person. The responsible
27 master electrician or power limited technician for a contractor

1 shall give a minimum 15-day notice to the contractor and board
2 before resigning as the responsible master electrician or power
3 limited technician for the contractor. The contractor and
4 responsible master electrician or power limited technician shall
5 immediately notify the board upon the termination or separation
6 of the contractor's responsible master electrician or power
7 limited technician.

8 Subp. 3. Replacement certificate of employment of
9 responsible licensed person. The contractor shall submit a
10 replacement certificate of responsible licensed person form
11 identifying the replacement responsible master electrician or
12 power limited technician within 30 days from the date of
13 termination or separation. If the contractor is unable to
14 acquire a replacement responsible master electrician or power
15 limited technician within 30 days from the date of termination,
16 the contractor's license is invalid and the contractor shall
17 cease and desist from performing any electrical work and return
18 the contractor's license for voluntary termination. Upon
19 acquiring a replacement responsible master electrician or power
20 limited technician, the contractor may request reinstatement of
21 the terminated license.

22 Subp. 3a. Failure to renew or maintain master electrician
23 or power limited technician license. If the responsible master
24 electrician or power limited technician for the contractor is an
25 owner, partner, member, or officer of the company and fails to
26 renew a license or a license is suspended or revoked, the
27 contractor license is invalid and the contractor shall cease and

1 desist from performing any electrical work until the master
2 electrician or power limited technician license is renewed or
3 reinstated, or a certificate of responsible licensed person
4 identifying a replacement responsible master electrician or
5 power limited technician is submitted. Upon renewal or
6 reinstatement of the master electrician's or power limited
7 technician's license, or acquiring a replacement responsible
8 master electrician or power limited technician, the contractor
9 may request reinstatement of the license. If the responsible
10 master electrician or power limited technician for the
11 contractor is an employee of the company and fails to renew a
12 license or a license is suspended or revoked, the contractor has
13 30 days to secure a properly licensed responsible master
14 electrician or power limited technician. If the contractor is
15 unable to acquire a replacement responsible master electrician
16 or power limited technician, or if the master electrician or
17 power limited technician license is not renewed or reinstated
18 within 30 days from the date of the expiration, suspension, or
19 revocation, the contractor's license is invalid and the
20 contractor shall cease and desist from performing any electrical
21 work. Upon renewal or reinstatement of the responsible master
22 electrician's or power limited technician's license, or the
23 contractor submitting a replacement certificate of responsible
24 master electrician or power limited technician, the contractor
25 may request reinstatement of the license.

26 Subp. 4. Evidence of compliance with this chapter and the
27 Minnesota Electrical Act. The owner or principal of a company

1 and the responsible master electrician or power limited
2 technician of the company applying for a contractor license
3 shall provide certification that the contractor will comply with
4 the requirements of this chapter and the Minnesota Electrical
5 Act.

6 Subp. 5. **Employer.** For the purpose of this part,
7 "employer" means a person, partnership, corporation, or limited
8 liability company who has one or more employees who perform
9 electrical work on the employer's electrical wiring, apparatus,
10 equipment, or on facilities owned or leased by the employer
11 which are located within the limits of property owned or leased
12 and operated and maintained by the employer.

13 3800.3550 DESIGNATION OF RESPONSIBLE MASTER ELECTRICIAN, POWER
14 LIMITED TECHNICIAN, LICENSED MAINTENANCE ELECTRICIAN, OR
15 ELECTRICAL ENGINEER BY AN EMPLOYER.

16 Subpart 1. **Employees required to be licensed.** An employer
17 who has one or more employees who perform electrical work on the
18 employer's premises for which an electrical license is required
19 shall submit to the Board of Electricity a certificate of
20 responsible licensed person executed by the properly licensed
21 employee who is responsible for compliance with this chapter and
22 the Minnesota Electrical Act by that employer and the employer's
23 employees.

24 Subp. 2. **Employees exempt from licensing.** An employer
25 whose maintenance electricians are exempt from licensing under
26 Minnesota Statutes, section 326.242, subdivision 12, shall
27 provide the Board of Electricity with a certificate of

1 responsible licensed person executed by an employee who holds a
2 bachelor of Electrical Engineering degree from an accredited
3 university or college, power limited technician, maintenance
4 electrician, or master electrician license, and is responsible
5 for compliance with this chapter and the Minnesota Electrical
6 Act by that employer and the employer's employees.

7 Subp. 3. Notification of termination of responsible
8 licensed person. The designated responsible person on the
9 certificate of responsible licensed person required under this
10 part shall immediately notify the Board of Electricity in
11 writing of termination as the responsible licensed person with
12 that employer.

13 Subp. 4. Evidence of compliance. The Board of Electricity
14 may require that the employer or designated responsible person
15 provide evidence of the manner in which they will comply with
16 this chapter and the Minnesota Electrical Act.

17 Subp. 5. Resubmittal of designation of responsible master
18 electrician, power limited technician, licensed maintenance
19 electrician, or electrical engineer by an employer. An employer
20 shall resubmit a certificate of responsible licensed person
21 executed by the properly certified employee who is responsible
22 for compliance with this chapter and the Minnesota Electrical
23 Act two years from the date of the previous submittal.

24 Subp. 6. Employer. For the purpose of this part,
25 "employer" means a person, partnership, corporation, or limited
26 liability company who has one or more employees who perform
27 electrical work on the employer's electrical wiring, apparatus,

1 equipment, or facilities owned or leased by the employer which
2 are located within the limits of property owned or leased and
3 operated and maintained by the employer.

4 3800.3560 ADVERTISING RESTRICTIONS.

5 The contractor's name as it appears on the contractor's
6 license shall be provided in any advertisement or printed matter
7 that offers or implies the performance of electrical work for
8 which a license is required.

9 3800.3570 MARKING OF CONTRACTOR'S VEHICLES.

10 Any vehicle used by a contractor while performing
11 electrical work for which a contractor's license is required
12 shall have the contractor's name and license number as it
13 appears on the contractor's license in contrasting color with
14 characters at least three inches high and one-half inch in width
15 affixed to each side of the vehicle.

16 3800.3580 REVOCATION OF ANY LICENSE.

17 Subpart 1. Violation of this chapter and the Minnesota
18 Electrical Act. The board may revoke, suspend, or refuse to
19 renew any license granted pursuant to Minnesota Statutes,
20 section 326.242, when the holder of a license:

21 [For text of items A and B, see M.R.]

22 C. is an installer or contractor and fails or refuses
23 to furnish and maintain a valid and enforceable installer's or
24 contractor's bond as required by Minnesota Statutes, section
25 326.242; and

26 D. is a contractor and fails or refuses to provide

1 and keep in force a public liability insurance policy, as
2 required by Minnesota Statutes, section 326.242.

3 Subp. 2. Violation of other statute. The board must
4 revoke, suspend, or refuse to renew any license as provided in
5 Minnesota Statutes, section 268.0625, 270.72, or 518.551.

6 3800.3590 LICENSES; EXPIRATION AND FEES.

7 Subpart 1. Expiration. Except as otherwise provided in
8 this part, all licenses issued or renewed under this part expire
9 two years from the date of issuance or renewal. Master licenses
10 expire March 1 of each odd-numbered year after issuance or
11 renewal. Electrical contractor licenses expire March 1 of each
12 even-numbered year after issuance or renewal. Technology system
13 contractor licenses expire August 1 of each even-numbered year
14 after issuance or renewal.

15 Subp. 2. Application/examination, issuance, and renewal
16 fees. The following fees shall be payable for application/
17 examination, issuance, and renewal:

18 A. For application/examination for each class of
19 license, \$35.

20 B. For issuance of original license and renewal:

21 (1) Class A master and master elevator
22 constructor, \$40 a year;

23 (2) Class B master, \$25 a year;

24 (3) Class A journeyman, power limited technician,
25 Class B journeyman, Class A or B installer, elevator
26 constructor, maintenance, lineman, or special electrician, \$15 a
27 year; and

1 (4) electrical contractor and technology system
2 contractor, \$100 a year.

3 Subp. 3. Prorating fees. If a new master or contractor
4 license is issued in accordance with subpart 1 for less than two
5 years, the fee for the license shall be prorated on a quarterly
6 basis.

7 [For text of subp 4, see M.R.]

8 Subp. 5. Reissuance fee. Any electrical contractor or
9 technology system contractor who seeks reissuance of a license
10 after it has been revoked or suspended pursuant to part
11 3800.3580 shall submit a reissuance fee of \$100 before the
12 license is reinstated.

13 Subp. 6. Duplicate license fee. The fee for the issuance
14 of each duplicate license is \$3.

15 3800.3601 DEFINITIONS.

16 [For text of subpart 1, see M.R.]

17 Subp. 2. Educational program. "Educational program" means
18 a course, seminar, workshop, or other educational offering where
19 interactive instruction is provided by one or more instructors,
20 either directly or by interactive media.

21 [For text of subp 3, see M.R.]

22 Subp. 4. Electrician license. "Electrician license" means
23 a personal electrical license issued by the board that is
24 required by statute or rule. "Electrician license" does not
25 include "lineman" as defined by part 3800.3500, subpart 6.

26 Subp. 4a. Power limited technician. "Power limited
27 technician" means a person meeting the qualifications of

1 Minnesota Statutes, section 326.242, subdivision 3d, paragraph
2 (b) or (e), and who is licensed by the board.

3 [For text of subp 5, see M.R.]

4 3800.3602 REQUIREMENTS FOR RENEWAL OF ELECTRICIAN AND POWER
5 LIMITED TECHNICIAN LICENSE.

6 Subpart 1. License renewal. The board shall not renew the
7 electrician license of an applicant for renewal who has held the
8 license for at least 24 months unless the applicant has credit
9 for the hours of instruction required by this part.

10 Subp. 2. Hours of instruction.

11 A. Within the 24 months preceding the expiration of
12 an electrician or power limited technician license, each holder
13 of a license shall receive credit for instruction through one or
14 more educational programs as required by this part. Credit
15 shall be allowed only once for any educational program in any
16 24-month period. Where a licensee holds more than one type of
17 electrician license, the same credits for hours of instruction
18 may be applied to each license.

19 B. The following license types are required to earn
20 16 hours of instruction through one or more educational programs:

- 21 (1) Class A master electrician;
- 22 (2) Class B master electrician;
- 23 (3) Class A journeyman electrician;
- 24 (4) Class B journeyman electrician;
- 25 (5) master elevator constructor;
- 26 (6) elevator constructor;
- 27 (7) maintenance electrician;

1 (8) Class A installer; and

2 (9) Class B installer.

3 C. A power limited technician is required to earn
4 eight hours of instruction through one or more educational
5 programs.

6 Subp. 3. Acceptable subjects. At least 12 hours of
7 instruction for license types identified under subpart 2, item
8 B, must be on the National Electrical Code and the remainder on
9 the statutes and rules governing electrical installations, this
10 chapter, and Minnesota Statutes, sections 326.241 to 326.248, or
11 technical topics related to electrical installations and
12 equipment. At least two hours of instruction for license types
13 identified under subpart 2, item C, must be on the National
14 Electrical Code with the remainder on the statutes and rules
15 governing electrical installations, this chapter, Minnesota
16 Statutes, sections 326.241 to 326.248, or technical topics
17 related to electrical installations and equipment.

18 3800.3603 CREDIT FOR INSTRUCTION.

19 Subpart 1. Approval of educational programs. To qualify
20 for credit under part 3800.3602, educational programs shall be
21 approved by the board. The provider shall submit an application
22 for approval on a form provided by the board, which shall
23 include an outline of the educational program; the number of
24 hours of instruction provided; and the names, addresses,
25 telephone and facsimile numbers, and qualifications of the
26 instructors. The provider shall submit a new application for
27 approval if the instruction provided deviates substantively from

1 the outline previously submitted or the hours of instruction
2 provided is changed. Applications for approval shall be
3 received by the board at least 30 days prior to the first
4 presentation of an educational program. Approval of individual
5 educational programs expires 36 months from the initial date of
6 approval. If a provider offers a program after three years from
7 initial approval, the provider must resubmit the program for
8 approval. An interactive educational program may also be
9 approved for presentation through electronic media. In addition
10 to the requirements of parts 3800.3600 to 3800.3603, a program
11 presented through electronic media that does not include
12 real-time interaction between the presenter and the licensee
13 must include an examination process that ensures a licensee has
14 successfully completed the program.

15 [For text of subp 2, see M.R.]

16 Subp. 3. **Exception to preapproval.** Notwithstanding
17 subparts 1 and 2, educational programs that are offered in other
18 states and not granted prior approval according to this part
19 shall be considered for credit if the board is provided with
20 evidence that the educational program meets the requirements of
21 part 3800.3602 and is approved for continuing education credit
22 by a public authority licensing electricians or power limited
23 technicians in the other state.

24 [For text of subp 4, see M.R.]

25 Subp. 5. **Qualifications of instructors.** All educational
26 programs shall be conducted by board-approved instructors who
27 have the qualifications described in at least one of the

1 following items:

2 A. a personal electrical license and at least four
3 years' experience in electrical inspection, supervising
4 electrical installations, or teaching subjects within the scope
5 of electrical work permitted by the instructor's license. Not
6 more than four hours of instruction credit will be allowed where
7 the scope of the electrical work permitted by the instructor's
8 license is less than that of the person who attended the
9 educational program;

10 B. a registered or licensed electrical engineer with
11 at least four years' experience in the design of premises
12 electrical power systems or technology systems;

13 C. at least five years' practical experience in the
14 subject being taught. Not more than four hours of instruction
15 credit will be allowed for an educational program conducted by
16 an instructor in this category; or

17 D. for technology systems, an instructor certified by
18 a national training program.

19 [For text of subp 6, see M.R.]

20 Subp. 7. **Report of credits earned.** Within 14 days after
21 presentation of an educational program for credit under part
22 3800.3602, the provider shall provide a certificate of
23 completion to each licensee in attendance and shall forward an
24 attendance list to the board on a form supplied by the board, or
25 in a format approved by the board. Each certificate of
26 completion and attendance list shall include the name of the
27 provider, date and location of the presentation, educational

1 program identification that was provided to the board, hours of
2 instruction or continuing education units, and the licensee's
3 name and license number or the last four digits of the
4 applicant's Social Security number. The attendance list must be
5 typewritten and provide a summary of each attendee's hours for
6 each course attended.

7 3800.3650 SERVICE OF CORRECTION ORDER.

8 A correction order made pursuant to part 3800.3680 shall be
9 served personally or by mail only upon the contractor,
10 installer, special electrician, or owner. All other orders
11 shall be served personally or by mail upon the property owner
12 and contractor, installer, or special electrician making the
13 installation.

14 The bonding company may, in either case, also be served
15 when deemed necessary by the board.

16 The power supplier shall be served any time an order
17 requires immediate disconnection or prohibits energizing an
18 installation.

19 Service by mail is complete upon mailing, but three days
20 shall be added to the prescribed time whenever the party served
21 is required to do some act or entitled to respond thereto.

22 3800.3690 DISCONNECTION OF UNCOMPLETED OR UNINSPECTED
23 INSTALLATIONS.

24 When a request for electrical inspection has passed the
25 12-month expiration time and if, after the property owner and
26 occupant have been duly notified in a form prescribed by the

1 board, the electrical installation has not been completed or the
2 owner or occupant has neglected or refused to make arrangements
3 for the electrical inspector to make a final inspection of the
4 installation during normal business hours at a mutually
5 agreeable time, the installation may be presumed to be
6 hazardous, and ordered disconnected pursuant to Minnesota
7 Statutes, section 326.244, subdivision 2, paragraphs (c) and
8 (d), and part 3800.3670.

9 3800.3720 CONDEMNATION OR DISCONNECT ORDER STAYED.

10 Upon receipt of notice of appeal by the board the order
11 appealed from shall be stayed until final decision of the board
12 unless the electrical installation ordered condemned is
13 determined by the board to be seriously or proximately dangerous
14 to life and property, and the board shall notify the property
15 owner and the contractor or installer or special electrician
16 making the installation and also the statutory bonding company
17 of this fact. The power supplier is also to be notified in
18 those instances where the power supplier has been served.

19 3800.3800 PAYMENT OF INSPECTION FEES.

20 Except as provided in part 3800.3790, all state electrical
21 inspection fees are due and payable to the board at or before
22 commencement of the installation and shall be forwarded with the
23 request for electrical inspection.

24 All requests for electrical inspection forms and fees
25 submitted by mail by a contractor shall originate from the
26 contractor's principal place of business. Checks issued to the

1 board by a contractor shall be drawn on accounts normally
2 serving the contractor's principal place of business.

3 Pursuant to Minnesota Statutes, section 15.415, overpayment
4 of inspection fees of less than \$5 are not refundable.

5 3800.3830 TWO-YEAR ELECTRICAL PROGRAM.

6 To qualify for approval, a two-year electrical program must
7 be a postsecondary program that awards a diploma or an associate
8 of applied science degree at completion and meets the
9 requirements of parts 3800.3820 to 3800.3870. Satisfactory
10 completion of an approved two-year electrical program fulfills
11 the one year's experience credit allowance for a Class A
12 journeyman electrician, power limited technician, or maintenance
13 electrician license applicant according to part 3800.3520,
14 subpart 5, items B, E, and I, and Minnesota Statutes, section
15 326.242, subdivisions 2, paragraph (b), and 3d, paragraph (b).

16 3800.3831 POWER LIMITED TECHNICIAN PROGRAM.

17 To qualify for approval, a power limited technician program
18 must either be a two-year electrical program described in part
19 3800.3830 or other program that has at least 500 hours of
20 student and instructor contact time meeting the program content
21 described in part 3800.3880. Approval for experience credit for
22 programs other than a two-year electrical program is based on
23 increments of 100 hours, or major fraction thereof, of student
24 and instructor contact time up to a maximum of 2,000 hours.

25 3800.3880 POWER LIMITED TECHNICIAN PROGRAM CONTENT.

26 Subpart 1. Contact hours. A power limited technician

1 program shall consist of a minimum of 500 hours of student and
2 instructor contact time and is subject to the following:

3 A. up to ten percent of the approved hours may be
4 independent study;

5 B. a minimum of 80 percent of the approved hours must
6 be technical electrical instruction; and

7 C. intern programs, whether internal or external,
8 must not be used to comply with the contact hour requirement.

9 Subp. 2. Attendance policy. A power limited technician
10 program must include an attendance policy that requires students
11 to attend a minimum of 95 percent of each required program
12 course. The policy must include a provision for students to
13 retake courses or make up portions of courses when the student
14 does not attend 95 percent or more of each required program
15 course. Attendance records must be kept at the course level.

16 Subp. 3. Technical content. A power limited technician
17 program must include courses that cover the following knowledge
18 and skill areas:

19 A. electrical theory;

20 B. electronic theory;

21 C. Class 2 and Class 3 power supplies;

22 D. Class 2 and Class 3 circuits;

23 E. grounding;

24 F. electrical code;

25 G. electrical test equipment and troubleshooting;

26 H. specification and blueprint reading;

27 I. wiring methods;

- 1 J. conductors and cables;
- 2 K. tools, materials, and handling;
- 3 L. electrical and job site safety;
- 4 M. related mathematics;
- 5 N. related general education; and
- 6 O. technology circuits or systems.

7 A minimum of 30 percent, but not more than 50 percent, of the
8 total student and instructor contact time must be on technology
9 circuits or systems as defined in Minnesota Statutes, section
10 326.01, subdivision 61.

11 3800.3885 QUALIFICATIONS OF INSTRUCTORS FOR POWER LIMITED
12 TECHNICIAN PROGRAMS.

13 Subpart 1. Generally. An instructor for a power limited
14 technician program shall meet the requirements of subparts 2 and
15 3.

16 Subp. 2. Licensing, experience, and education. An
17 instructor shall:

18 A. hold a license as issued by the Board of
19 Electricity as a Class A master electrician, Class A journeyman
20 electrician, or power limited technician;

21 B. hold a current license issued by an electrical
22 licensing authority in the state where the school is located if
23 the state has a reciprocal agreement with the Board of
24 Electricity for either master, journeyman, or power limited
25 technician, or equivalent licenses;

26 C. have a bachelor of science degree in electrical or
27 electronic engineering and have 3,000 hours of experience in

1 engineering, planning, laying out, supervising, or installing
2 technology system wiring;

3 D. have an associate of applied science degree in
4 electrical construction or maintenance, or both, and have 4,000
5 hours of experience performing electrical work;

6 E. have a two-year diploma for completing a two-year
7 electrical construction or maintenance program, or both, and
8 have 4,000 hours of experience performing electrical work;

9 F. have an associate of applied science degree in
10 technology systems, and have 4,000 hours of experience
11 performing technology system work;

12 G. have a two-year diploma for completing a two-year
13 technology systems program, and have 4,000 hours of experience
14 performing technology system work;

15 H. be a certified instructor for a nationally
16 recognized training program; or

17 I. for courses limited to specific technical or
18 general education areas, other than general wiring methods or
19 the application of electrical codes, be a technical expert based
20 on special training or certification or accreditation in the
21 specific knowledge or skill area.

22 Subp. 3. **Recent initial experience.** Except for
23 instructors of courses in subpart 2, item I, a minimum of 2,000
24 hours of the required instructor experience must have been in
25 the five years prior to the application for program approval or
26 the instructor's employment date, whichever is later, and
27 consist of either:

1 A. a minimum of 2,000 hours of experience performing
2 electrical work, including technology system work; or

3 B. (1) up to 1,500 hours of experience credit for
4 instruction based on a formula in which one hour of instruction
5 equals two hours of experience credit; plus (2) a sufficient
6 number of hours of experience performing electrical work to
7 total 2,000 hours.

8 **REPEALER.** Minnesota Rules, part 3800.3530, subparts 2 and 3,
9 are repealed.