



**VIA EMAIL**

December 22, 2025

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**In the Matter of the Proposed Rules of the Minnesota Board of Electricity Governing Electrical Training Programs; *Minnesota Rules* Chapter 3800; Revisor's ID Number R-04949; CAH Docket No. 8-9001-41253**

Dear Legislative Reference Library:

The Minnesota Board of Electricity intends to adopt rules relating to electrical training programs. We plan to publish a Dual Notice in the December 22, 2025, *State Register*.

We have prepared a Statement of Need and Reasonableness. As required under Minnesota Statutes, sections 14.131 and 14.23, we are sending the library an electronic copy of the Statement of Need and Reasonableness at the same time that we are sending our Notice of Intent to Adopt Rules.

If you have any questions or concerns, please contact me at [krystle.conley@state.mn.us](mailto:krystle.conley@state.mn.us) or 651-284-5315.

Sincerely,

Krystle Conley  
Rulemaking Coordinator  
Office of General Counsel  
Department of Labor and Industry

**Enclosure:** Statement of Need and Reasonableness



## **STATEMENT OF NEED AND REASONABLENESS**

Proposed Amendment to Rules Relating to Electrical Training  
and Licensing, Minnesota Rules, Chapter 3800; Revisor's ID  
Number R-04949

Minnesota Board of Electricity

December 2025

General information:

1. Availability: The State Register notice, this Statement of Need and Reasonableness (SONAR), and the proposed rule will be available during the public comment period on the Agency's Public Notices website: [Rulemaking docket for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#)
2. View older rule records at: [Minnesota Rule Statutes](#)  
<https://www.revisor.mn.gov/rules/status/>
3. Agency contact for information, documents, or alternative formats: Upon request, this Statement of Need and Reasonableness can be made available in an alternative format, such as large print, braille, or audio. To make a request, contact Amanda Spuckler, Department of Labor and Industry, 443 Lafayette Road North, St. Paul, MN 55155; telephone 651-284-5361; email [dli.rules@state.mn.us](mailto:dli.rules@state.mn.us); or use your preferred telecommunications relay service.

# Contents



.....	<b>Error! Bookmark not defined.</b>
STATEMENT OF NEED AND REASONABLENESS .....	1
Contents.....	3
Acronyms .....	5
Introduction and Overview.....	6
Introduction .....	6
Background .....	6
Statement of General Need.....	7
Scope of Proposed Amendments .....	7
Statutory Authority.....	7
Public Participation and Stakeholder Involvement .....	8
Reasonableness of the Amendments .....	8
General Reasonableness.....	8
Rule-by-Rule Analysis.....	9
Regulatory Analysis.....	14
Classes Affected .....	14
Department/Agency Costs.....	14
Less Costly or Intrusive Methods.....	14
Alternative Methods.....	15
Costs to Comply .....	15
Costs of Non-Adoption.....	15
Differences from Federal Regulations .....	16
Cumulative Effect.....	16
Notice Plan .....	16
Required Notice .....	16
Additional Notice .....	17
Performance-Based Rules.....	19

Consultation with MMB on Local Government Impact ..... 19

Impact on Local Government Ordinance and Rules ..... 19

Costs of Complying for Small Business or City..... 20

    Agency Determination of Cost..... 20

Authors, Witnesses, and Exhibits..... 20

    Authors..... 20

    Witnesses ..... 20

    Exhibits ..... 21

Conclusion..... 21

## Acronyms

APA	Administrative Procedures Act
ALJ	Administrative Law Judge
Board	Minnesota Board of Electricity
CFR	Code of Federal Regulations
Department	Minnesota Department of Labor and Industry
Minn. R. pt	Minnesota Rules part
Minn. Stat.	Minnesota Statutes
MMB	Minnesota Management and Budget
MN	Minnesota
NEC	National Electrical Code
CAH	Court of Administrative Hearings
SONAR	Statement of Need and Reasonableness

# Introduction and Overview

## Introduction

The Minnesota Board of Electricity (“Board”) proposes to adopt amendments to Minnesota Rules, chapter 3800, Licensing, to adopt rules that modify existing requirements for acceptable work experience for electrical license applicants and adopt rules establishing requirements for the approval of electrical training programs that may be used to fulfill the experience credit requirements for electrical license applicants.

## Background

Prior to 2007, the Board administered and enforced the Minnesota Electrical Code and adopted rules governing licensure for electrical workers and administered those rules. In 2007, the Minnesota Legislature revised the responsibilities of the Board to include adopting the electrical code, adopting rules that regulate the licensure or registration of the electrical industry, and issuing the final interpretations of the electrical code.<sup>1</sup> All other responsibilities for the administration and enforcement of the Minnesota Electrical Code and the issuance and enforcement of licensing for electrical workers were transferred to the Commissioner of the Department of Labor and Industry (“Commissioner”).<sup>2</sup>

As a result of this transfer of responsibilities, the amendments establishing requirements for the approval of electrical training programs were erroneously numbered and transferred from chapter 3800 to chapter 3801, which is adopted by the Department of Labor and Industry (“Department”). However, the Board continued to maintain the authority to adopt rules governing licensure of the electrical industry, including the adoption of rules governing the requirements for approval of electrical training programs for applicants for electrical licensure, while the Commissioner is responsible for administering and enforcing the rules adopted by the Board. The proposed rules relocate several amendments governing approval of electrical training programs from chapter 3801 to chapter 3800 because the Board, and not the Commissioner, has the authority to adopt those rules.

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<sup>1</sup> See [Laws of Minnesota 2007, chapter 140, article 5, sections 19 and 32 \[presently codified at Minnesota Statutes, section 326B.32, subdivision 2 \(2024\)\]](#).

<sup>2</sup> See [Laws of Minnesota 2007, chapter 140, article 2, section 3](#); See also Minnesota Statutes, section 326B.32, subdivision 2(a) (2024) (“...the commissioner of labor and industry shall administer and enforce the provisions of this chapter and any rules promulgated thereto.”)

## Statement of General Need

The proposed amendments to rules are needed and intended to update requirements for applicants for electrical licensure. Specifically, the proposed amendments revise the current acceptable minimum experience requirements for applicants for electrical licensure and adopt rules establishing requirements for the approval of electrical training programs that may be used to fulfill the experience credit requirements for electrical license applicants. These rules governing approval of electrical training programs are currently located in chapter 3801, which is adopted by the Department. The Department is proposing the repeal of those amendments to chapter 3801 as part of a contemporaneous rulemaking so that they may be adopted by the Board, which has the authority to adopt rules governing licensure of the electrical industry, including the adoption of rules governing the requirements for approval of electrical training programs ([Rulemaking docket for Minnesota Rules Chapter 3801 | Minnesota Department of Labor and Industry](#)). There are no substantive changes to the requirements for approval of electrical training programs.

## Scope of Proposed Amendments

The following chapters of Minnesota rules are affected by the proposed changes:

- Chapter 3800, Licensing (Minnesota Board of Electricity)
- Chapter 3801, Electrical Procedures and Training (Minnesota Department of Labor and Industry)

## Statutory Authority

The Board's statutory authority to adopt the rules is stated in Minnesota Statutes, section 326B.32, subdivision 2 (a)(5):

**Subd. 2. Powers; duties; administrative support.** (a) The board shall have the power to:

(1) elect its chair, vice-chair, and secretary;

(2) adopt bylaws that specify the duties of its officers, the meeting dates of the board, and containing other provisions as may be useful and necessary for the efficient conduct of the business of the board;

(3) adopt the Minnesota Electrical Code, which must be the most current edition of the National Electrical Code and any amendments thereto. The board shall adopt the most current edition of the National Electrical Code and any amendments thereto pursuant to chapter 14 and as provided in subdivision 6, paragraphs (b) and (c);

(4) review requests for final interpretations and issue final interpretations as provided in section 326B.127, subdivision 5;

(5) adopt rules that regulate the licensure or registration of electrical businesses, electrical contractors, master electricians, journeyworker electricians, Class A installer, Class B installer, power limited technicians, and other persons who perform electrical work except for those individuals licensed under section 326.02, subdivisions 2 and 3. The board shall adopt these rules pursuant to chapter 14 and as provided in subdivision 6, paragraphs (d) and (e);

Under this statute, the Board has the necessary statutory authority to adopt the proposed rules.

## **Public Participation and Stakeholder Involvement**

Consistent with the Administrative Procedures Act (APA), the Board published a Request for Comments in the Minnesota State Register on August 18, 2025. To increase accessibility and opportunity for feedback, the Board also created a web page which displayed relevant information on this rulemaking process and provided the opportunity to make comments. The webpage was available from the time the Request for Comments was published until the Board published the Dual Notice of Intent to Adopt Rules.

The Board held a public meeting where the rule was presented. The meeting was open to the public and members of the public were permitted to offer comment on the proposed rule.

Finally, in accordance with the requirements of Minnesota Statutes, Chapter 14, and Minnesota Rules, Chapter 1400, the Board sought input and comments from the public, stakeholders, and individuals affected by these rules. These activities are described in detail on pages 16-19 of this SONAR.

## **Reasonableness of the Amendments**

### **General Reasonableness**

The proposed rule is reasonable to modify existing requirements for acceptable work experience for electrical license applicants and to adopt rules establishing requirements for the approval of electrical training programs that may be used to fulfill the experience credit requirements for electrical license applicants. The rules establishing requirements for approval of electrical training programs were erroneously transferred to chapter 3801 and the proposed rulemaking corrects that error.

## Rule-by-Rule Analysis

The proposed amendments to part 3800.3520 modify the minimum experience requirements for licensure. Proposed parts 3800.4000 to 3800.4055 are new and are substantively similar to current parts 3801.3820 through 3801.3865 and parts 3801.3880 and 3801.3885, which are being proposed for repeal as a part of a contemporaneous rulemaking by the Department under Minnesota Rules, Chapter 3801. Any differences in proposed parts 3800.4000 to 3800.4055 from the current requirements in chapter 3801 are minor and only intended to update references to rule parts accordingly and to clarify the responsibilities of the Board and the Department for approval of electrical training programs.

### **CHAPTER 3800 LICENSING AND TRAINING**

The proposed amendments add new rule parts 3800.4000 to 3800.4055 that contain requirements for the approval of electrical training programs. Therefore, it is reasonable to amend the title of this chapter to include training.

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

**Subp. 4. Acceptable experience for certain categories in certain situations.** The proposed rule deletes item C and reletters items D and E as items C and D, accordingly. Item C permits applicants for electrical licensure to obtain the minimum experience necessary to qualify for the licensure examination by performing electrical work in Minnesota for an employer that is exempt from licensing and inspection requirements when the work performed is equivalent to experience obtained while employed by a licensed contractor. This includes work performed by on federal property by a federal employee, which is not required to be inspected by the Department. The current rule requires Department staff to perform an on-site inspection to determine that the applicant has performed work that is equivalent to the work that would be performed for a licensed electrician or licensed contractor. However, an on-site inspection by Department staff is insufficient to determine that the applicant has completed the required hours of experience or to verify the type of electrical work performed. The other items in this subpart require a Minnesota licensed contractor or electrician to supervise the work or a similarly qualified employer outside of the state to verify and provide certification of the type of work and number of hours of work performed by the applicant. It is reasonable to delete item C because Department staff cannot determine whether experience obtained while employed by an entity that is exempt from both licensing and inspection requirements is equivalent to experience obtained while employed by an entity that is subject to both licensing and inspection requirements.

## Electrical Training Programs

Proposed parts 3800.4000 through 3800.4055 are relocated from parts 3801.3820 through 3801.3885 and address requirements for electrical training programs that can be used to fulfill the experience credit requirements for electrical license applicants. The parts were previously located in chapter 3800 but were erroneously renumbered as chapter 3801 due to legislation that that transferred some of the responsibilities of the Board relating to the Minnesota Electrical Code and licensing to the Commissioner of the Department of Labor and Industry.<sup>3</sup> This legislation required the Department to approve two-year electrical courses while the Board continued to be responsible for the adoption of rules governing the licensing of person who perform electrical work, which includes the requirements for the approval of electrical programs. Current rule parts 3801.3820 through 3801.3885 are proposed for repeal as a part of concurrent rulemaking for Minnesota Rules, Chapter 3801. [Insert Link to 3801 Rulemaking Docket HERE]

### **3800.4000 PURPOSE.**

Proposed part 3800.4000 is substantially similar to current part 3801.3820 but the rule parts that establish requirements for the approval of electrical programs have been renumbered due to the relocation of these rule parts from chapter 3801 to chapter 3800.

### **3800.4005 DEFINITIONS.**

**Subpart 1. Scope.** The proposed rule adds this subpart to clarify that the definitions in this part apply to requirements for electrical training programs in proposed parts 3800.4000 to 3800.4055. This is substantively similar to current part 3801.3825, subpart 1, but the part numbers are updated due to relocation of the requirements for electrical training programs to this chapter.

**Subp. 2. Advanced standing.** The proposed definition of “advanced standing” is identical to the definition located in current part 3801.3825, subpart 2, and is relocated to chapter 3800 without any changes.

**Subp. 3. Approval period.** The proposed definition of “approval period” is identical to the definition located in current part 3801.3825, subpart 3, and is relocated to chapter 3800 without any changes.

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<sup>3</sup> See [Laws of Minnesota 2007, chapter 140, article 2, section 3.](#)

**Subp. 4. Board.** The proposed rule adds a definition of “Board.” This definition is not located in the current part 3801.3825 but is added to the proposed rule to clarify that references to the “board” in parts 3800.4000 to 3800.4055 mean the Board of Electricity.

**Subp. 5. Course.** The proposed definition of “course” is identical to the definition located in current part 3801.3825, subpart 4, and is relocated to chapter 3800 without any changes.

**Subp. 6. Electrical work.** The proposed definition of “electrical work” is identical to the definition located in current part 3801.3825, subpart 5, and is relocated to chapter 3800 without any changes.

**Subp. 7. Independent study.** The proposed definition of “independent study” is identical to the definition located in current part 3801.3825, subpart 6, and is relocated to chapter 3800 without any changes.

**Subp. 8. Survey.** The proposed definition of survey is identical to the definition located in current part 3801.3825, subpart 7, and is relocated to chapter 3800 without any changes.

#### **3800.4010 TWO-YEAR ELECTRICAL PROGRAM.**

The proposed rule part is relocated from part 3801.3830 without any substantive changes to the requirements for approval of two-year electrical programs. The proposed rule only updates the rule parts that an electrical program is required to comply with from parts 3801.3820 to 3801.3870 to parts 3800.4000 to 3800.4045 due to the relocation of those rule parts to this chapter.

#### **3800.4015 POWER LIMITED TECHNICIAN PROGRAM.**

The proposed rule part is relocated from current part 3801.3831 without any changes to the requirements for power limited technician programs. The proposed rule updates the references to rule parts from 3801.3830 and 3801.3880 to 3800.4010 and 3800.4050, respectively, due to the relocation of those rule parts to chapter 3800.

#### **3800.4020 APPLICATION FOR PROGRAM APPROVAL.**

**Subpart 1. Content.** The proposed rule subpart is relocated from current part 3801.3840, subpart 1, without changes to items A through F. Proposed item G is modified from current part 3801.3840, subpart 1, to clarify that the application for approval of an electrical programs must be signed by the administrator and the department head of the program. The change is not substantive and merely clarifies the individuals that are required to sign the application.

**Subp. 2. Processing.** The proposed rule subpart is relocated from current part 3801.3840, subpart 2, and the first sentence of the subpart and items C and D are revised to replace references to “technical program committee” with “commissioner” because the Commissioner of the Department of Labor and Industry is responsible for the approval of two-year electrical programs.<sup>4</sup> Items C and D are further revised to refer to the “board” rather than “the full board” because the a technical program committee is not responsible for recommendations for approval or disapproval of programs. The proposed changes are reasonable to clarify the responsibilities of the Commissioner and Board for the approval of two-year electrical programs.

#### **3800.4025 REPORTING AND REAPPLICATION FOR APPROVAL.**

The proposed rule part is relocated from current part 3801.3845 with minor changes to each item. The references to the “board” in items A through D are replaced with “commissioner” because the Commissioner is responsible for approval of two-year electrical programs rather than the Board.<sup>5</sup> Specifically, proposed item A is changed from part 3801.3845, item A, to require the administrator of an approved program to submit an annual report to the Commissioner, instead of the Board. Item A is also changed to clarify that the department head refers to the head of an approved program and that individual along with administrator must sign the annual report. There are no changes to the content that must be submitted as a part of the annual report. Item B is changed to allow the commissioner rather than the Board to modify the initial time period for reapproval of a currently approved program, which is reasonable because the Commissioner is responsible for program approvals. Item C is changed to require the administrator of an approved program to provide information as a part of a survey when requested by the Commissioner, rather than the Board, because the Commissioner administers surveys of approved programs. Lastly, item D is changed to require the administrator of an approved program to notify the Commissioner when an approved program is discontinued. The proposed change is reasonable so the Commissioner is aware that a program is no longer in operation and that applicants for electrical licensure may no longer attend that program to fulfill the experience credits that are required for licensure.

#### **3800.4030 REMOVAL OF APPROVAL.**

The proposed rule is relocated from current part 3801.3850 without any changes other than updating the references to rule parts in items B and C. Item B is updated to refer part 3800.4025 because the proposed rule relocates requirements for annual reporting to that rule part. Item C is

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<sup>4</sup> See [Minnesota Statutes, section 326B.33](#).

<sup>5</sup> See *id.*

updated to refer to part 3800.4025, item B, because the requirements for reapplication are relocated to that rule part and item.

#### **3800.4035 VERIFICATION OF COMPLETION.**

The proposed rule part is relocated from current part 3801.3855 without any changes other than requiring the provider of an approved program to verify to the Commissioner, rather than the Board, that an applicant for electrical license has completed the program. The proposed change is reasonable because the Commissioner is responsible for issuing licenses for electrical work and therefore may need to verify that an applicant has completed an approved two-year electrical program.

#### **3800.4040 TWO-YEAR ELECTRICAL PROGRAM CONTENT.**

The proposed rule part is relocated from current part 3801.3860 without any changes to the subparts or the requirements for two-year electrical program content.

#### **3800.4045 QUALIFICATIONS OF INSTRUCTORS FOR TWO-YEAR PROGRAMS.**

**Subpart 1. Generally.** The proposed subpart is relocated from current part 3801.3865, subpart 1, without any changes.

**Subp. 2. Licensing, experience, and education.** The proposed subpart is relocated from current part 3801.3865, subpart 1, without any changes to items C through F. The proposed rule changes items A and B to replace the references to the “Board” with the “Department of Labor and Industry” because the Department rather than the Board issues electrical worker licenses. There are no changes to the qualifications of instructors in this subpart.

**Subp. 3. Recent initial experience.** The proposed subpart is relocated from current part 3801.3865, subpart 3, without any changes.

#### **3800.4050 POWER LIMITED TECHNICIAN PROGRAM CONTENT.**

The proposed rule part is relocated from current part 3801.3880 without any changes to the subparts or the requirements for power limited technician program content.

#### **3800.4055 QUALIFICATIONS OF INSTRUCTORS FOR POWER LIMITED TECHNICIAN PROGRAMS.**

**Subpart 1. Generally.** The proposed subpart is relocated from current part 3801.3885, subpart 1, without any changes.

**Subp. 2. Licensing, experience, and education.** The proposed subpart is relocated from current part 3801.3885, subpart 1, without any changes to items C through I. The proposed rule changes items A and B to replace the reference to the “Board” with the “Department of Labor and Industry” because the Department rather than the Board issues electrical work licenses and enters into license reciprocity agreements with other states. There are no changes to the qualifications of instructors in this subpart.

**Subp. 3. Recent initial experience.** The proposed subpart is relocated from current part 3801.3885, subpart 3, without any changes.

## Regulatory Analysis

### Classes Affected

**A description of the classes of persons who probably will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule.**

Those who probably will be affected by the proposed rule, those who will bear the costs of the proposed rule, and those who will benefit from the proposed rule are applicants for electrical licensure and administrators and program heads of electrical training programs.

### Department/Agency Costs

**The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.**

Because the Board only adopts rules governing licensure of electrical workers and does not administer those rules, the Board will not incur any costs associated with the adoption of the proposed rule. The Department of Labor and Industry provides administrative support to the Board and enforces the rules adopted by the Board. There are no costs to the Department associated with proposed rule because the requirements proposed for adoption are currently enforced by the Department.

There is no anticipated effect on state revenues as a rule of the implementation and enforcement of the proposed rule.

### Less Costly or Intrusive Methods

**A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.**

The Board has determined that there are no less costly or intrusive methods for achieving the purpose of the proposed rule, which is to correct a renumbering error that transferred rules governing the approval of electrical training programs from chapter 3800 to chapter 3801. The concurrent adoption of the proposed amendments governing approval of electrical training in chapter 3800 and the repeal of those same provisions in chapter 3801 was determined by both the Board and the Department as the least intrusive method of achieving that purpose.

## Alternative Methods

**A description of any alternative methods for achieving the purpose of the proposed rule that were seriously considered by the agency and the reasons why they were rejected in favor of the proposed rule.**

The Board did not consider any alternative methods for achieving the purpose of the proposed rule because there is no other method to correct the renumbering error other than the proposed rulemaking to adopt amendments for the approval of electrical training programs while the Department simultaneously proposes the repeal of substantially similar rule parts approving electrical training programs in chapter 3801.

## Costs to Comply

**The probable costs of complying with the proposed rule, including the portion of the total costs that will be borne by identifiable categories of affected parties, such as separate classes of governmental units, businesses, or individuals.**

There are no probable costs of complying with the proposed rule because it merely relocates existing requirements for the approval of electrical training programs to a different chapter without substantive changes.

## Costs of Non-Adoption

**The probable costs or consequences of not adopting the proposed rule, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals.**

The probable costs or consequences of not adopting the proposed rule is continued confusion as whether the Board or the Department has the authority to adopt rules governing the approval of electrical training program requirements, as well as continued confusion regarding the concurrent responsibilities of the Department and the Board for the approval of two-year electrical training programs.

## Differences from Federal Regulations

**An assessment of any differences between the proposed rule and existing federal regulations and a specific analysis of the need for and reasonableness of each difference.**

There are no applicable federal regulations that address electrical licensure in Minnesota or the approval of Minnesota electrical training programs that may be used to fulfill the experience credit requirements for electrical license applicants.

## Cumulative Effect

**An assessment of the cumulative effect of the rule with other federal and state regulations related to the specific purpose of the rule.**

There are no applicable federal regulations that address electrical licensure or electrical training programs. There are no other state regulations related to the specific purpose of this rule.

## Notice Plan

Minnesota Statutes, section 14.131, requires that an agency include in its SONAR a description of its efforts to provide additional notification to persons or classes of persons who may be affected by the proposed rule or must explain why these efforts were not made.

Details on the previous measures taken to ensure stakeholders received both required and additional notice of this rulemaking during the Request for Comments and rule development period can be found on pages 16-19 of this SONAR.

## Required Notice

The Board is required under Minnesota Statutes, chapter 14 to identify and send notice to several groups. The steps the Board will take to meet those statutory requirements are laid out in detail below.

Consistent with Minnesota Statutes, section 14.14, subd. 1a, on the day the Dual Notice is published in the *State Register*, the Board will send via email or U.S. mail a copy of the Dual Notice and the proposed rule to the contacts on the Board's list of all persons who have registered with the Board for the purpose of receiving notice of rule proceedings. There are roughly 20 people on the Board's list of persons who have requested notice via United States Postal Service, and roughly 23,000 persons

who have requested noticed of all rule proceedings via email. The Dual Notice will be sent at least 33 days before the end of the comment period.

Consistent with Minnesota Statutes, section 14.116(b), the Board will send a copy of the Dual Notice, a copy of the proposed rules, and a copy of the SONAR to the chairs and ranking minority party members of the Senate Jobs and Economic Development Committee; Senate Labor Committee; Senate Housing and Homelessness Prevention Committee; House Workforce, Labor and Economic Development Finance and Policy Committee, House Housing Finance and Policy Committee, and the Legislative Coordinating Commission. These documents will be sent at least 33 days before the end of the comment period.

Consistent with Minnesota Statutes, section 14.131, the Board will send a copy of the SONAR to the Legislative Reference Library when the Dual Notice is sent.

Minnesota Statutes, section 14.116(c) requires the Board “make reasonable efforts to send a copy of the notice and the statement to all sitting legislators who were chief house of representatives and senate authors of the bill granting the rulemaking authority” if it is within two years of the effective date of the law granting rulemaking authority. This requirement does not apply because the Board was granted rulemaking authority for requirements for electrical licensure well before that timeframe and no bill within the past two years granted the Board additional authority for this rulemaking.

Minnesota Statutes, section 14.111 requires the Board to provide the commissioner of agriculture with a copy of the proposed rule change if the agency plans to adopt or repeal a rule that affects farming operations. This requirement does not apply because the proposed amendments will not have any effect on farming operations in Minnesota.

## **Additional Notice**

In addition to the required notice referenced above, the Board will make the Dual Notice, SONAR, and proposed rule available on the webpage created for this rulemaking.

The Board also intends to send an electronic notice with a hyperlink to electronic copies of the Dual Notice, SONAR, and proposed rule to:

- Anoka Technical College
- Dakota County Technical College
- Dunwoody College of Technology
- Hibbing Community College (now part of Minnesota North College)

- Lake Superior College
- Leech Lake Tribal College
- Minnesota State Community & Technical College (Moorhead)
- Minnesota State Community & Technical College (Wadena)
- Minnesota West Community & Technical College (Canby)
- Minnesota West Community & Technical College (Jackson)
- Northland Community & Technical College
- Northwest Technical College
- Ridgewater College (Hutchinson & Willmar)
- Riverland Community College
- St. Cloud Technical & Community College
- St. Paul College Builders Association of Minnesota (“BAM”)
- Building Owners and Managers Association (“BOMA”) – Minnesota chapters (St. Paul, Duluth, and Greater Minneapolis)
- Central Minnesota Builders Association (“CMBA”)
- Electrical Association
- Housing First Minnesota
- International Brotherhood of Electrical Workers (“IBEW”) Minnesota State Council
- League of Minnesota Cities
- Local chapters of the Association of Minnesota Building Officials (“AMBO”) (Arrowhead, Southeast, 10,000 Lakes, Southwest, and Northwest)
- Local chapters of the IBEW (Locals 23, 110, 160, 242, 292, 294, 343, 731, 949, and 1999)
- Manufactured & Modular home Association of Minnesota (“MMHA”)
- Minnesota chapter of the International Association of Electrical Inspectors (“IAEI”)
- Minnesota Electronic Security and Technology Association
- Minnesota Mechanical Contractors Association
- Minnesota Solar Energy Industries Association (“MnSEIA”)

- National Electrical Contractors Association (“NECA”) – Minnesota Chapters (St. Paul, Minneapolis, and Twin Ports)

On December 9, 2025, the Board received confirmation from CAH that these steps meet the notice requirements for persons or classes of persons who may be affected by the proposed amendments to these rules under Minn. Stat. § 14.14, subd. 1a and Minnesota Rules, part 1400.2060.

## **Performance-Based Rules**

Minnesota Statutes, section 14.002, requires state agencies, whenever feasible, to develop rules that are not overly prescriptive and inflexible, and rules that emphasize achievement of the Board’s regulatory objectives while allowing maximum flexibility to regulated parties and to the Board in meeting those objectives. The proposed rules continue permit electrical training programs that may be used to fulfill the experience credit requirements for electrical license applicants and the requirements for the electrical training programs continue to allow flexibility while ensuring applicants for licensure receive training that is the equivalent to electrical field experience.

## **Consultation with MMB on Local Government Impact**

As required by Minnesota Statutes, section 14.131, the Board consulted with Minnesota Management and Budget (“MMB”) concerning the fiscal impact and benefits the proposed rules may have on units of local government. This was done by providing MMB with copies of the Governor’s Office Proposed Rule and SONAR Form, the proposed rules, and the near-final SONAR for review and comment. On November 1, 2025, the Board received a memorandum dated that same day from MMB Executive Budget Officer Mary Baumgartner which provided comments and conclusions concerning local government impact consistent with those noted by the Board in the cost impact sections of the Regulatory Analysis section above and the Board’s determination of small city and small business compliance costs below.

## **Impact on Local Government Ordinance and Rules**

As required by Minnesota Statutes, section 14.128, subdivision 1, the Board has considered whether these proposed rules will require a local government to adopt or amend any ordinance or other regulation to comply with these rules. The Board has determined that a local government will not be required to adopt or amend an ordinance or other regulation to comply with these proposed rules because local governments do not have the authority to regulate the licensure requirements for electrical workers.

# Costs of Complying for Small Business or City

## Agency Determination of Cost

As required by Minnesota Statutes, section 14.127, the Board has considered whether the cost of complying with the proposed rules in the first year after the rules take effect will exceed \$25,000 for any small business or small city. The Board does not anticipate the cost of complying with the proposed rules in the first year after the rules take effect to exceed \$25,000 for any small business or small city. The Board has made this determination because there are no costs associated with the requirements of this rule since it merely adopts amendments for approval of electrical training programs that are currently located in a different rules chapter.

## Authors, Witnesses, and Exhibits

### Authors

The primary authors of this SONAR are:

Dean Hunter, Board Member of the Minnesota Board of Electricity, and Chief Electrical Inspector, Assistant Director, Construction Codes and Licensing Division, Minnesota Department of Labor and Industry.

Jeffrey F. Lebowski, Board Counsel for the Minnesota Board of Electricity.

Erik Zercher, General Counsel, Minnesota Department of Labor and Industry.

Amanda Spuckler, Rules Specialist, Construction Codes and Licensing Division, Minnesota Department of Labor and Industry.

### Witnesses

The Board expects that the proposed amendments will be noncontroversial. If a hearing is necessary, the Board anticipates having the following witnesses testify in support of the need for and reasonableness of the rules:

- Mr. Trevor Turek, Chair of the Minnesota Board of Electricity, will testify about the technical aspects and background of the proposed amendments.
- Mr. Dean Hunter, Member of the Minnesota Board of Electricity and Chief Electrical Inspector, Assistant Director, Construction Codes and Licensing Division, Minnesota Department of Labor and Industry.

and Industry, will testify about the technical aspects and background of the proposed amendments.

- Mr. Jeffrey F. Lebowksi, Board Counsel for the Minnesota Board of Electricity, will represent and advise the Board, introduce the required jurisdictional documents into the record, and provide answers to APA procedural questions, if necessary.

## Exhibits

In support of the need for and reasonableness of the proposed rules, the Department anticipates that it will enter the following exhibits into the hearing record:

- All links within this document, which are available online.
- Copies of the Board meeting agenda and minutes, which are available online.<sup>6</sup>
- All documents required to be entered into the record by Minnesota Rules, part 1400.2310.

## Conclusion

In this SONAR, the Board has established the need for and the reasonableness of each of the proposed amendments to Minnesota Rules, chapter 3800. The Board has provided the necessary notice and documented its compliance with all applicable administrative rulemaking requirements of Minnesota statutes and rules.

Based on the forgoing, the proposed amendments are both needed and reasonable.



Trevor Turek, Chair  
Minnesota Board of Electricity

December 11, 2025

Date

This SONAR was made available for public view, pursuant to Minn. Rules, part 1400.2070, subpart 1, item E, as of December 22, 2025.

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<sup>6</sup> See <https://www.dli.mn.gov/about-department/boards-and-councils/board-electricity>.

# DUAL NOTICE: Notice of Intent to Adopt Rules Without a Public Hearing Unless 25 or More Persons Request a Hearing, and Notice of Hearing if 25 or More Requests for Hearing Are Received; Revisor's ID Number R-04949

## Minnesota Board of Electricity

### Proposed Amendment to Rules Relating to Licensing, *Minnesota Rules*, Chapter 3800; Revisor's ID Number R-04949; CAH Docket # 8-9001-41253

**Introduction.** The Minnesota Board of Electricity ("Board") intends to adopt rules without a public hearing following the procedures in the rules of the Court of Administrative Hearings, *Minnesota Rules*, parts 1400.2300 to 1400.2310, and the Administrative Procedure Act, *Minnesota Statutes*, sections 14.22 to 14.28. You may submit written comments and/or a written request that a hearing be held on the proposed rules until **4:30 p.m. on Wednesday, January 21, 2026.**

**Hearing.** If 25 or more persons submit a written request for a hearing on the rules by **4:30 p.m. on Wednesday, January 21, 2026**, the Board will hold a virtual public hearing on **Thursday, February 26, 2026, at 9:00 a.m.** You can participate in the virtual hearing, which will be conducted by an Administrative Law Judge from the Court of Administrative Hearings, via Webex by using this link along with the associated access code and password:

For a video and audio connection, join the hearing through an internet connection:

- Web link:  
<https://minnesota.webex.com/weblink/register/rd21ca0bcc205fcfb0fabad0606118730>
- Meeting Number (access code): 2489 532 4731
- Password: 1234

For audio-only connection, join the virtual hearing by telephone:

- Call: 1-855-282-6330
- Access code: 2489 532 4731
- Password: 1234

To find out whether the Board will adopt the rules without a hearing or if it will hold the hearing, you should contact the Board's contact person or check the Board website [Rulemaking docket](#)

[for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#) after January 21, 2026 and before February 26, 2026.

**Subject of Rules.** The proposed rules adopt amendments that modify existing requirements for acceptable work experience for electrical license applicants and establish requirements for the approval of electrical training programs that may be used to fulfill experience credit requirements for electrical license applicants. The proposed rule parts addressing electrical training programs are substantively similar to existing rules relating to electrical training programs currently found in *Minnesota Rules*, Chapter 3801, which the Minnesota Department of Labor and Industry is concurrently proposing for repeal. See [Rulemaking docket for Minnesota Rules Chapter 3801](#).

**Statutory Authority.** The statutory authority to adopt these rules is *Minnesota Statutes*, section 326B.32, subdivision 2 (a)(5) (2025).

**Publication of proposed rules.** A copy of the proposed rules is published in the *State Register* and attached to this notice as mailed. The proposed rules may be viewed at: [Rulemaking docket for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#).

**Statement of Need and Reasonableness.** The statement of need and reasonableness (SONAR) contains a summary of the justification for the proposed rules, a description of who will be affected by the proposed rules, and an estimate of the probable cost of the proposed rules. You may review or obtain copies for the cost of reproduction by contacting the Board's contact person. The SONAR may also be viewed at: [Rulemaking docket for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#).

**Board Contact Person.** The Board's contact person is Krystle Conley at the Minnesota Department of Labor and Industry, 443 Lafayette Road N., St. Paul, MN 55155, Phone: 651-284-5006, Fax: 651-284-5749, Email: [dli.rules@state.mn.us](mailto:dli.rules@state.mn.us). You may contact the Board contact person with questions about the rules.

**Public Comment.** You have until **4:30 p.m. on Wednesday, January 21, 2026**, to submit written comment in support of or in opposition to the proposed rules or any part or subpart of the rules.

Your comment must be in writing and received by the due date. Your comments should identify the portion of the proposed rules addressed, the reason for the comment, and any change you propose. Any comments that you have about the legality of the proposed rules must be made during this comment period. All evidence that you present should relate to the proposed rules. If the proposed rules affect you in any way, the Board encourages you to participate. All comments or responses received are public data and will be available for review.

Submit written comments to the Board's contact person listed above.

All comments or responses received are public data and will be available for review on the Board's website at [Rulemaking docket for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#).

**Request for a Hearing.** In addition to submitting comments, you may also request that the Board hold a public hearing on the rules. You must make your request for a public hearing in writing by **4:30 p.m. on Wednesday, January 21, 2026**. You must include your name and address in your written request for hearing. You must identify the portion of the proposed rules that you object to or state that you oppose the entire set of rules. You are also encouraged to state the reason for the request and any changes you want made to the proposed rules. Any request that does not comply with these requirements is not valid and the Board cannot count it when determining whether it must hold a public hearing.

**Withdrawal of Requests.** If 25 or more persons submit a valid written request for a hearing, the Board will hold a public hearing unless a sufficient number of persons withdraw their requests in writing. If enough requests for hearing are withdrawn to reduce the number below 25, the Board must give written notice of this to all persons who requested a hearing, explain the actions the Board took to bring about the withdrawal, and ask for written comments on this action. If the Board is required to hold a public hearing, it will follow the procedures in *Minnesota Statutes*, sections 14.131 to 14.20.

**Cancellation of Hearing.** The Board will cancel the hearing scheduled for February 26, 2026, if the Board does not receive requests for a hearing from 25 or more persons. If you requested a public hearing, the Board will notify you before the scheduled hearing whether the hearing will be held. You may also call the Board contact person at 651-284-5006 after January 14, 2026, to find out whether the hearing will be held. On the scheduled day, you may check for whether the hearing will be held by calling 651-284-5006 or going online at [Rulemaking docket for Minnesota Rules Chapter 3800; R-04949 | Board of Electricity](#).

**Notice of Hearing.** If 25 or more persons submit valid written requests for a public hearing on the rules, the Board will hold a hearing following the procedures in *Minnesota Statutes*, sections 14.131 to 14.20. The Board will hold the hearing on the date and at the time and place listed above. The hearing will continue until 12 p.m. or until all interested persons have been heard, whichever occurs first. Administrative Law Judge Joseph C. Meyer is assigned to conduct the hearing. Judge Joseph C. Meyer can be reached by contacting William Moore, Rules Coordinator, Court of Administrative Hearings, 600 North Robert Street, P.O. Box 64620, Saint Paul, Minnesota 55164-0620, telephone 651-361-7893, and [william.t.moore@state.mn.us](mailto:william.t.moore@state.mn.us).

**Hearing Procedure.** If the Board holds a hearing, you and all interested or affected persons, including representatives of associations or other interested groups, will have an opportunity to

participate. You may present your views orally at the hearing or in writing at any time before the hearing record closes. All evidence presented should relate to the proposed rules.

You may also submit written material to the Administrative Law Judge to be recorded in the hearing record for five working days after the public hearing ends. At the hearing, the Administrative Law Judge may order this five-day comment period extended for a longer period but for no more than 20 calendar days.

After the comment period, there is a five-working-day rebuttal period when the Board and any interested person may respond in writing to any new information submitted. No one may submit new evidence during the five-day rebuttal period.

The Court of Administrative Hearings must receive all comments and responses submitted to the Administrative Law Judge via the [Court of Administrative Hearings Rulemaking eComments website \(https://mn.gov/oah/forms-and-filing/ecomments/\)](https://mn.gov/oah/forms-and-filing/ecomments/) no later than 4:30 p.m. on the due date. If using the eComments website is not possible, you may submit post-hearing comments in person or via United States mail addressed to Judge [ALJ's last name] at the address listed above. All comments or responses received are public data and will be available for review on the eComments website.

This rule hearing procedure is governed by *Minnesota Rules*, parts 1400.2000 to 1400.2240, and *Minnesota Statutes*, sections 14.131 to 14.20. You may direct questions about the procedure to the Administrative Law Judge, through William Moore, the CAH Rules Coordinator listed above.

**Modifications.** The Board may modify the proposed rules either as a result of public comment or as a result of the rule hearing process. It must support modifications by data and views submitted during the public comment and rule hearing process. The adopted rules may not be substantially different than these proposed rules unless the Board follows the procedure under *Minnesota Rules*, part 1400.2110. If the final rules are identical to the rules originally published in the *State Register*, the Board will publish a notice of adoption in the *State Register*. If the final rules are different from the rules originally published in the *State Register*, the Board must publish a copy of the changes in the *State Register*.

**Adoption Procedure if No Hearing.** If no hearing is required, the Board may adopt the rules after the end of the comment period. The Board will submit the rules and supporting documents to the Court of Administrative Hearings for a legal review. You may ask to be notified of the date the rules are submitted to the office. If you want to receive notice of this, to receive a copy of the adopted rules, or to register with the Board to receive notice of future rule proceedings, submit your request to the Board contact person listed above.

**Adoption Procedure after a Hearing.** If a hearing is held, after the close of the hearing record, the Administrative Law Judge will issue a report on the proposed rules. You may ask to be notified of the date that the Administrative Law Judge's report will become available and can make this request at the hearing or in writing to the Administrative Law Judge. You may also ask to be notified of the date that the Board adopts the rules and the rules are filed with the Secretary of State, or register with the Board to receive notice of future rule proceedings by requesting this at the hearing or by writing to the Board contact person stated above.

**Lobbyist Registration.** *Minnesota Statutes*, chapter 10A, requires each lobbyist to register with the State Campaign Finance and Public Disclosure Board. You may direct questions about this requirement to the Campaign Finance and Public Disclosure Board at: Suite #190, Centennial Building, 658 Cedar Street, St. Paul, Minnesota 55155, telephone (651) 539-1180 or 1-800-657-3889.

**Alternative Format/Accommodation.** Upon request, this information can be made available in an alternative format, such as large print, braille, or audio. To make such a request or if you need an accommodation to make this hearing accessible, please contact the Board contact person at the address or telephone number listed above.

**Order.** I order that the rulemaking hearing be held at the date, time, and location listed above.

December 11, 2025

\_\_\_\_\_  
Date



\_\_\_\_\_  
Trevor Turek

Chair of Minnesota Board of Electricity

# Office of the Revisor of Statutes

## Administrative Rules



**TITLE:** Proposed Permanent Rules Modifying Electrical Board Training Requirements

**AGENCY:** Board of Electricity

**REVISOR ID:** R-4949

**MINNESOTA RULES:** Chapter 3800

The attached rules are approved for  
publication in the State Register

A handwritten signature in black ink, appearing to read "Sheree Speer".

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Sheree Speer  
Chief Deputy Revisor

1.1 **Board of Electricity**

1.2 **Proposed Permanent Rules Modifying Electrical Board Training Requirements**

1.3 **3800.3520 EXAMINATION; MINIMUM EXPERIENCE REQUIREMENTS FOR**  
1.4 **LICENSURE; ACCEPTABLE EXPERIENCE.**

1.5 *[For text of subparts 1 to 3, see Minnesota Rules]*

1.6 Subp. 4. **Acceptable experience for certain categories in certain**

1.7 **situations.** Experience in the categories of planning for the installation of wiring, apparatus,  
1.8 and equipment for light, heat, and power; laying out for the installation of wiring, apparatus,  
1.9 and equipment for light, heat, and power; supervising the installation of wiring, apparatus,  
1.10 and equipment for light, heat, and power; and wiring and installing electrical wiring,  
1.11 apparatus, and equipment for light, heat, and power is acceptable in the situations described  
1.12 in items A to ~~E~~ D.

1.13 *[For text of items A and B, see Minnesota Rules]*

1.14 ~~C.~~ Experience while performing electrical work in Minnesota for an employer  
1.15 who is exempt from licensing when the work is exempt from inspection under Minnesota  
1.16 Statutes, section 326B.36, or when the work is performed on federal property by a federal  
1.17 employee, if the department has determined in either situation that the experience is  
1.18 substantially equal to that acquired in performing work while in the employ of a licensed  
1.19 contractor. ~~The determination shall be made after a personal inspection by not less than two~~  
1.20 ~~department representatives on the premises where the applicable work was performed.~~

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

1.25 ~~E.~~ D. Experience while performing electrical work in the armed forces of the  
1.26 United States which the department has determined is substantially equivalent to work

2.1 performed while in the employ of a licensed contractor in Minnesota. This determination  
2.2 shall be based on a certification by the military for the type of work performed.

2.3 *[For text of subpart 5, see Minnesota Rules]*

2.4 **ELECTRICAL TRAINING PROGRAMS**

2.5 **3800.4000 PURPOSE.**

2.6 Parts 3800.4000 to 3800.4055 establish requirements for approval of programs that  
2.7 must be used to fulfill the experience credit requirements for electrical license applicants.

2.8 **3800.4005 DEFINITIONS.**

2.9 Subpart 1. **Scope.** For purposes of parts 3800.4000 to 3800.4055, the terms defined  
2.10 in this part have the meanings given.

2.11 Subp. 2. **Advanced standing.** "Advanced standing" means credit toward program  
2.12 completion for prior education recognized by a postsecondary program through a developed  
2.13 procedure, including transfer of credits for courses that are at least 80 percent similar to  
2.14 those in an approved program, and credit by examination for up to 25 percent of program  
2.15 courses.

2.16 Subp. 3. **Approval period.** "Approval period" means a time frame beginning with  
2.17 the approval beginning date and extending until the program is discontinued or commissioner  
2.18 approval is removed or not continued through the reapplication process.

2.19 Subp. 4. **Board.** "Board" means the Board of Electricity.

2.20 Subp. 5. **Course.** "Course" means a part of a program that consists of an individual  
2.21 knowledge or skill area, or part of a larger knowledge or skill area.

2.22 Subp. 6. **Electrical work.** "Electrical work" means the installing, altering, repairing,  
2.23 planning, or laying out of electrical wiring, apparatus, or equipment for light, heat, power,  
2.24 or other purposes. The installing, altering, repairing, planning, or laying out of electrical

3.1 wiring apparatus or equipment for light, heat, power, or other purposes includes but is not  
3.2 limited to the performance of any work governed by Minnesota Statutes, section 326B.35.

3.3 Subp. 7. **Independent study.** "Independent study" means student learning effort within  
3.4 the specific program content that is outside of lecture, shop, or lab hours and does not require  
3.5 student and instructor contact.

3.6 Subp. 8. **Survey.** "Survey" means collecting and analyzing information to assess  
3.7 compliance with parts 3800.4000 to 3800.4055. Information must be analyzed by multiple  
3.8 methods, including review of requested information and materials, on-site evaluation, or  
3.9 interviews and conferences with program administrators, instructors, or students.

3.10 **3800.4010 TWO-YEAR ELECTRICAL PROGRAM.**

3.11 To qualify for approval, a two-year electrical program must be a postsecondary program  
3.12 that awards a diploma or an associate of applied science degree at completion and meets  
3.13 the requirements of parts 3800.4000 to 3800.4055. Satisfactory completion of an approved  
3.14 two-year electrical program fulfills the 12-month experience credit allowance for a Class  
3.15 A journeyworker electrician, power limited technician, or maintenance electrician license  
3.16 applicant according to part 3800.3520, subpart 5, items B, E, and I, and Minnesota Statutes,  
3.17 section 326B.33, subdivisions 2, paragraph (b), and 7, paragraph (b).

3.18 **3800.4015 POWER LIMITED TECHNICIAN PROGRAM.**

3.19 To qualify for approval, a power limited technician program must either be a two-year  
3.20 electrical program described in part 3800.4010 or other program that has at least 500 hours  
3.21 of student and instructor contact time meeting the program content described in part  
3.22 3800.4050. Approval for experience credit for programs other than a two-year electrical  
3.23 program is based on increments of 100 hours, or major fraction thereof, of student and  
3.24 instructor contact time up to a maximum of 2,000 hours.

4.1 **3800.4020 APPLICATION FOR PROGRAM APPROVAL.**

4.2 Subpart 1. **Content.** An application for approval of a program must meet each of the  
4.3 requirements in items A to G.

4.4 A. The application must be in a format provided by the commissioner and contain  
4.5 complete, current, and accurate information.

4.6 B. The application must include a syllabus for each program course.

4.7 C. The application must include a detailed written description of how the program  
4.8 meets the required program content.

4.9 D. The application must identify course instructors and their qualifications.

4.10 E. The information provided in the application must be verifiable by survey.

4.11 F. The application must identify a beginning date corresponding to an initial  
4.12 student enrollment date. Students enrolled after the beginning date who successfully complete  
4.13 an approved program within the approval period are eligible for experience credit.

4.14 G. The application must be signed by the administrator and department head of  
4.15 a program or another official representative of the applicant.

4.16 Subp. 2. **Processing.** The commissioner shall review all applications. Items A to E  
4.17 apply to all applications.

4.18 A. Incomplete applications must be immediately returned to the applicant.

4.19 B. Upon review of completed applications, including completion of a survey, any  
4.20 deficiencies must be noted and identified to the applicant.

4.21 C. If no deficiencies are noted or all identified deficiencies have been corrected,  
4.22 the commissioner shall recommend approval to the board.

5.1 D. If the applicant fails to correct identified deficiencies, the commissioner shall  
5.2 recommend disapproval to the board.

5.3 E. An applicant may request a hearing before the board to appeal disapproval of  
5.4 a program.

5.5 **3800.4025 REPORTING AND REAPPLICATION FOR APPROVAL.**

5.6 A. By July 1 of each year, the administrator of a program approved for experience  
5.7 credit shall provide an annual report to the commissioner. The annual report must include  
5.8 a copy of course syllabi for approved programs, a detailed description of new courses or  
5.9 courses modified over ten percent, and identification and qualification of instructors,  
5.10 including instructor development. The annual report must be signed by the administrator  
5.11 and department head of the program or another official representative of the program  
5.12 provider.

5.13 B. An approved program must be resubmitted for approval by July 1 of the fifth  
5.14 year from the last approval date. At the commissioner's discretion, the commissioner may  
5.15 modify the initial time period for resubmission to achieve review of approximately 20  
5.16 percent of approved programs each year.

5.17 C. The administrator of an approved program shall provide information as part  
5.18 of a survey upon request of the commissioner.

5.19 D. The administrator of an approved program shall notify the commissioner when  
5.20 an approved program is discontinued.

5.21 **3800.4030 REMOVAL OF APPROVAL.**

5.22 A. The board shall remove approval of a program based on a determination by  
5.23 survey that the program does not meet the requirements for approval.

5.24 B. The board may remove approval of a program if the administrator of an  
5.25 approved program fails to provide the annual report according to part 3800.4025.

6.1 C. The board may remove approval of a program if the administrator of an  
6.2 approved program fails to resubmit the program for reapplication by July 1 of the fifth year  
6.3 from the last approval date or the year assigned by the commissioner as allowed by part  
6.4 3800.4025, item B.

6.5 **3800.4035 VERIFICATION OF COMPLETION.**

6.6 Upon inquiry by the commissioner, the provider of an approved program shall provide  
6.7 verification that an applicant has completed an approved program.

6.8 **3800.4040 TWO-YEAR ELECTRICAL PROGRAM CONTENT.**

6.9 Subpart 1. Contact time. A two-year electrical program shall consist of 2,000 or more  
6.10 hours of student and instructor contact time and is subject to the following:

6.11 A. up to 200 hours of independent study may be substituted for student and  
6.12 instructor contact time;

6.13 B. a minimum of 1,600 hours of student and instructor contact time must be  
6.14 technical electrical instruction;

6.15 C. at least 30 percent but not more than 40 percent of the technical electrical  
6.16 student and instructor contact time must be lecture hours, and the remainder shop or lab  
6.17 hours;

6.18 D. intern programs, whether internal or external, do not satisfy the contact time  
6.19 requirement under this subpart; and

6.20 E. a student may receive advanced standing credit for up to one-third of the courses  
6.21 of an approved program.

6.22 Subp. 2. Attendance policy. A two-year electrical program must include an attendance  
6.23 policy that requires students to attend a minimum of 95 percent of each required program  
6.24 course. The program must include a provision for students to retake courses or make up

7.1 portions of courses when the student does not attend 95 percent or more of each required  
7.2 program course. Attendance records must be kept at the course level.

7.3 Subp. 3. **Technical content.** A two-year electrical program must include courses that  
7.4 cover the following knowledge and skill areas:

7.5 A. electrical theory;

7.6 B. electronic theory;

7.7 C. lighting systems;

7.8 D. heating and cooling systems;

7.9 E. motors;

7.10 F. generators;

7.11 G. transformers;

7.12 H. panelboards and switchboards;

7.13 I. overcurrent devices;

7.14 J. grounding;

7.15 K. motor controls;

7.16 L. electronic controls;

7.17 M. electrical code;

7.18 N. electrical test equipment and troubleshooting;

7.19 O. specification and blueprint reading;

7.20 P. installation and application of electrical materials and equipment;

7.21 Q. wiring methods;

- 8.1 R. conductors and cables;
- 8.2 S. tools, materials, and handling;
- 8.3 T. fire alarm systems;
- 8.4 U. communication systems;
- 8.5 V. alarm systems;
- 8.6 W. data systems;
- 8.7 X. electrical and job site safety;
- 8.8 Y. related mathematics; and
- 8.9 Z. related general education.

8.10 **3800.4045 QUALIFICATIONS OF INSTRUCTORS FOR TWO-YEAR PROGRAMS.**

8.11 Subpart 1. **Generally.** An instructor for a two-year electrical program shall meet the

8.12 requirements in subparts 2 and 3.

8.13 Subp. 2. **Licensing, experience, and education.** An instructor shall:

8.14 A. hold a current license issued by the Department of Labor and Industry as a

8.15 Class A master electrician or a Class A journeyworker electrician;

8.16 B. hold a current license issued by an electrical licensing authority in the state

8.17 where the school is located if the state has a reciprocal agreement with the Department of

8.18 Labor and Industry for either master or journeyworker licenses;

8.19 C. have a Bachelor of Science degree in electrical engineering and have 4,000

8.20 hours of experience performing electrical work;

8.21 D. have an Associate of Applied Science degree in electrical construction or

8.22 maintenance, or both, and have 6,000 hours of experience performing electrical work;

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

9.4 F. for courses limited to specific technical or general education areas, other than  
9.5 general wiring methods or the application of electrical codes, be a technical expert based  
9.6 on special training or certification or accreditation in the specific knowledge or skill area.

9.7 Subp. 3. **Recent initial experience.** Except for instructors of courses in subpart 2,  
9.8 item F, a minimum of 2,000 hours of the required instructor experience must have been in  
9.9 the five years prior to the application for program approval or the instructor's employment  
9.10 date, whichever is later, and consist of either:

9.11 A. a minimum of 2,000 hours of experience performing electrical work; or

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

9.15 **3800.4050 POWER LIMITED TECHNICIAN PROGRAM CONTENT.**

9.16 Subpart 1. **Contact time.** A power limited technician program shall consist of a  
9.17 minimum of 500 hours of student and instructor contact time and is subject to the following:

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

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

9.21 C. intern programs, whether internal or external, do not satisfy the contact time  
9.22 requirement under this subpart.

9.23 Subp. 2. **Attendance policy.** A power limited technician program must include an  
9.24 attendance policy that requires students to attend a minimum of 95 percent of each required

10.1 program course. The policy must include a provision for students to retake courses or make  
10.2 up portions of courses when the student does not attend 95 percent or more of each required  
10.3 program course. Attendance records must be kept at the course level.

10.4 Subp. 3. **Technical content.** A power limited technician program must include courses  
10.5 that cover the following knowledge and skill areas:

10.6 A. electrical theory;

10.7 B. electronic theory;

10.8 C. Class 2 and Class 3 power supplies;

10.9 D. Class 2 and Class 3 circuits;

10.10 E. grounding;

10.11 F. electrical code;

10.12 G. electrical test equipment and troubleshooting;

10.13 H. specification and blueprint reading;

10.14 I. wiring methods;

10.15 J. conductors and cables;

10.16 K. tools, materials, and handling;

10.17 L. electrical and job site safety;

10.18 M. related mathematics;

10.19 N. related general education; and

10.20 O. technology circuits or systems.

11.1 A minimum of 30 percent but not more than 50 percent of the total student and instructor  
11.2 contact time must be on technology circuits or systems as defined in Minnesota Statutes,  
11.3 section 326B.31, subdivision 29.

11.4 **3800.4055 QUALIFICATIONS OF INSTRUCTORS FOR POWER LIMITED**  
11.5 **TECHNICIAN PROGRAMS.**

11.6 Subpart 1. **Generally.** An instructor for a power limited technician program shall  
11.7 meet the requirements of subparts 2 and 3.

11.8 Subp. 2. **Licensing, experience, and education.** An instructor shall:

11.9 A. hold a license as issued by the Department of Labor and Industry as a Class A  
11.10 master electrician, Class A journeyworker electrician, or power limited technician;

11.11 B. hold a current license issued by an electrical licensing authority in the state  
11.12 where the school is located if the state has a reciprocal agreement with the Department of  
11.13 Labor and Industry for either master, journeyworker, or power limited technician, or  
11.14 equivalent licenses;

11.15 C. have a Bachelor of Science degree in electrical or electronic engineering and  
11.16 have 3,000 hours of experience in engineering, planning, laying out, supervising, or installing  
11.17 technology system wiring;

11.18 D. have an Associate of Applied Science degree in electrical construction or  
11.19 maintenance, or both, and have 4,000 hours of experience performing electrical work;

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

11.23 F. have an Associate of Applied Science degree in technology systems, and have  
11.24 4,000 hours of experience performing technology system work;

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

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

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

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

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

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