

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#1

**INSTRUCTIONS PLEASE READ CAREFULLY**

Type or print in **black ink**. Use a separate copy for each proposal. Limit each proposal to a SINGLE section. All proposals must be received by the North Dakota State Electrical Board by 2/28/19 at 5:00 p.m. The North Dakota State Electrical Board will hold a public administrative hearing on the accepted proposed changes. Time and place to be announced at a later date.

Date: 2/28/19 Name: North Dakota State Electrical Board

Home Phone: N/A Work Phone: 701-328-9522

Street Address: P.O. Box 7335 City: Bismarck

State: North Dakota Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

Adopt NFPA 70 2017 2020 edition National Electrical Code and NFPA 101 2015 2018 edition Life Safety Code, except if articles are specifically amended.

4. Statement of problem and substantiation for proposal:

To keep current on national electrical codes.

  
(Signature)

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#2

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Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-01-01-01.

2. Proposal recommends (check one): New Text Revised Text Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

In 1917 legislation was approved which created a state board of electricians. In 1949 the name of the board was changed to the state electrical board. The board is charged with the responsibility to examine applicants and issue licenses to those having the necessary qualifications and knowledge in the laws of electricity and electrical codes. The board has jurisdiction over all electrical installations. ~~Electrical inspectors authorized by the board~~ The executive director may condemn installations hazardous to life and property and order electric service to be discontinued.

4. Statement of problem and substantiation for proposal:

To re-clarify who has authority to disconnect power.

  
(Signature)

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#3

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Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-02-01-02(1)

2. Proposal recommends (check one): New Text Revised Text Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. Purpose and scope. The purpose of these standards is the practical safeguarding of persons and of buildings and building contents from electrical hazards arising from the use or control of electricity for light, heat, power, and control thereof, ~~and of the fire detection systems and power limited systems.~~ It covers the electrical ~~conductors and equipment installed and power limited installations~~ within or on public and private buildings and other premises, including yards, carnival and parking lots, railroad right of way and, also the conductors that supply street lighting, with the and associated equipment necessary to for its safe operation.

4. Statement of problem and substantiation for proposal:

To clarify and implement HB 1157.

  
(Signature)

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#4

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-02-01-02(2)

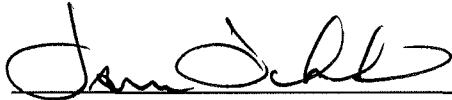
2. Proposal recommends (check one): New Text Revised Text Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. These standards, based on the National Electrical Code, are the result of years of experience and research to meet the demand for uniform standards to govern electrical and power limited systems wiring in North Dakota, and provide basic rules for intelligent and uniform installation and inspection.

4. Statement of problem and substantiation for proposal:

To clarify and implement HB 1157.

  
(Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-02-01-02(3)


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. All requirements contained herein shall be given careful consideration to ensure greatest permanence, convenience, and safety. These standards do not constitute a design specification for any particular installation, or an instruction manual for untrained persons individuals. Skill and experience are necessary factors for a safe and adequate wiring installation. In cases where these requirements differ or are in conflict with the requirements of the NFPA 70 ~~2017~~ 2020 edition National Electrical Code and NFPA 101 ~~2015~~ 2018 edition Life Safety Code®, and applicable articles in locally adopted codes or North Dakota State Building Code pertaining to fire detection, fire alarms, fire communications, and smoke detectors, the more restrictive requirements shall be the minimum.

4. Statement of problem and substantiation for proposal:

To clarify entity and updated versions.

  
(Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-01(2)


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. ~~The person~~ An applicant shall have the necessary qualifications, training, and technical knowledge to wire, install, and repair electrical apparatus and equipment in accordance with the standard rules and regulations of the National Electrical Code.

4. Statement of problem and substantiation for proposal:

To clarify entity.

  
(Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-01(4)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text


3. Proposal (include proposed new wording or identification of wording to be deleted):

4. The application fees are as follows:

- |   |         |
|---|---------|
| a. Master <u>license</u>                        | \$50.00 |
| b. Journeyman <u>license</u>                    | \$25.00 |
| c. Class B <u>license</u>                       | \$40.00 |
| d. <u>Apprentice registration</u>               | \$10.00 |
| e. <u>Power limited license</u>                 | \$50.00 |
| f. <u>Power limited apprentice registration</u> | \$10.00 |

4. Statement of problem and substantiation for proposal:

Additional registration and license types implemented due to HB 1157.

 (Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-01(5)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

5. Effective November 1, 2020, annual renewals shall be submitted electronically through the board's website.

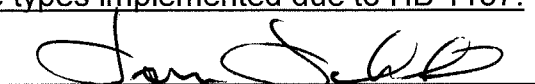
The annual license and registration or annual renewal fees are as follows:

a. Master license	\$50.00	Expires April 30 <sup>th</sup>
b. Journeyman license	\$25.00	Expires March 31 <sup>st</sup>
c. Class B license	\$40.00	Expires April 30 <sup>th</sup>
d. Apprentice registration	\$10.00	Expires January 31 <sup>st</sup>
e. <u>Power limited license</u>	<u>\$50.00</u>	<u>Expires April 30<sup>th</sup></u>
f. <u>Power limited apprentice registration</u>	<u>\$10.00</u>	<u>Expires January 31<sup>st</sup></u>

Expired licenses and registrations shall require a reinstatement fee equal to the annual fee.

4. Statement of problem and substantiation for proposal:

Intent is to eliminate paper renewals and streamline the renewal process as well as add additional registration and license types implemented due to HB 1157.

 (Signature)



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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-01(6)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

~~6. Licenses renewed after the expiration date require a reinstatement fee as follows:~~

~~a. Master license \_\_\_\_\_ \$50.00 \_\_\_\_\_~~

~~b. Journeyman license \_\_\_\_\_ \$25.00 \_\_\_\_\_~~

~~c. Class B license \_\_\_\_\_ \$40.00 \_\_\_\_\_~~

~~d. Apprentice registration \_\_\_\_\_ \$10.00 \_\_\_\_\_~~

4. Statement of problem and substantiation for proposal:

A statement on reinstatement fees was moved to 24.1-03-01-01(5).

 (Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-02(1)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. A contracting master is ~~a person~~ an individual responsible to adhere to all laws and rules of the North Dakota wiring standards and has shown proof of liability insurance.

4. Statement of problem and substantiation for proposal:

Clarifying entity.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-02(2)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. A master of record is ~~a person~~ an individual responsible to adhere to all laws and rules of the North Dakota wiring standards for the partnership, company, corporation, limited liability company, or association and has shown proof of liability insurance that the master of record is covered by the organization. The master of record is not allowed to work on other property other than property owned or leased by the organization.

4. Statement of problem and substantiation for proposal:

Clarifying entity.

 (Signature)

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#12

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Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-02(3)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. A non-contracting master is ~~a person~~ an individual responsible to adhere to all laws and rules of the North Dakota wiring standards and has the same responsibility as a journeyman electrician. Electrical work shall be done under the supervision of a contracting master or master of record.

4. Statement of problem and substantiation for proposal:

Clarifying entity.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-03 and (3)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

A journeyman electrician shall have completed eight thousand hours experience, which experience may not be obtained in less than three years, registered as an apprentice electrician (of which up to three thousand hours may apply under the qualifications of a class B electrician) under the supervision of a contracting master or master of record licensed electrician in an area where electrical construction work is done in the a jurisdiction regulating with similar licensing and inspection rules ~~of to~~ the state of North Dakota, and successfully completed apprentice electrician training. Two thousand hours credit may be granted for a graduate of a two-year or more electrical school accepted by the board. Practical experience shall consist of a minimum of four thousand hours and a maximum of eight thousand hours credit may be granted for wiring and installing electrical wiring, apparatus, and equipment. Practical electrical experience gained through a contracting master electrician shall also consist of an apprentice completing an board approved bureau of apprenticeship training program. Credit allowed in other areas may include any combination of the following:

3. A maximum of two thousand hours credit for wiring process control circuits or power limited systems; and

4. Statement of problem and substantiation for proposal:

Clarify intent and to conform to SB 2056, HB 1157 and N.D.C.C. 43-09-11.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-05

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-05. ~~Apprentice electrician.~~ Power limited electrician.**

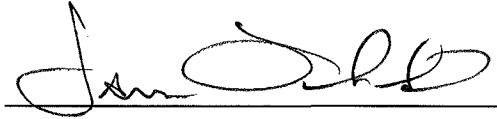
A power limited electrician shall have completed six thousand hours experience, which experience may not be obtained in less than two and one half years, registered as a power limited apprentice electrician under the supervision of a contracting master, master of record, contracting power limited or a power limited of record electrician. Experience must be obtained where power limited electrical construction work is done in a jurisdiction with similar licensing and inspection rules to the state of North Dakota. Credit allowed in other areas may include power limited education or a board approved tradesman certification. Classification types of a power limited electrician shall be defined by the board. There are three categories of power limited electricians, which are as follows:

1. A contracting power limited electrician is an individual responsible to adhere to all laws and rules of the North Dakota wiring standards and has shown proof of liability insurance.
2. A power limited electrician of record is an individual responsible to adhere to all laws and rules of the North Dakota wiring standards for the partnership, company, corporation, limited liability company, or association and has shown proof of liability insurance that the power limited electrician of record is covered by the organization. The power limited electrician of record is not allowed to work on other property other than property owned or leased by the organization.

3. A non-contracting power limited electrician is an individual responsible to adhere to all laws and rules of the North Dakota wiring standards. Power limited electrical work shall be done under the supervision of a contracting master, master of record or a contracting power limited or a power limited of record electrician.

4. Statement of problem and substantiation for proposal:

To conform to HB 1157 and §43-09-09.

 (Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-05 and (2)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-07. Apprentice electrician.**

2. Apprentice electricians who have successfully completed five hundred seventy six hours of training classes recognized by the ~~United States department of labor office of apprenticeship board~~. An ~~unlicensed electrician~~ applicant who has prior experience outside of the state of North Dakota may take a placement examination equal to verify the ~~verification of~~ practical experience obtained in order to apply credit toward the verification of hours. If the ~~electrician~~ applicant fails the placement examination, the ~~electrician~~ applicant is ineligible to retake the examination. An appeal ~~would need~~ may to be submitted in writing to the board within 30 days.

An apprentice electrician who has not successfully completed training as stated in subdivision 1 or 2 is required to be registered with the board, but is not eligible to take the journeyman or class B license examination. If the ~~person~~ individual receives a license from another state based on the verification that the majority of practical experience was obtained in the state of North Dakota the ~~person~~ individual will not be eligible for examination for licensure or a reciprocal license.



4. Statement of problem and substantiation for proposal:

Renumbered, to conform to Senate Bill 2056 and N.D.C.C. 43-09-11 and clarify entity.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text


3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-06. Supervision and responsibilities. Provisional military spouse licensure.**

See N.D.C.C. §43-51-11.1.

4. Statement of problem and substantiation for proposal:

To conform to §43-51-11.1 and (6).

 (Signature)

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (1)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

1. A licensed electrician shall supervise not more than three apprentices. Any person individual over sixteen years of age may work as an apprentice under a licensed master, or class B or power limited electrician, but the master, or class B or power limited electrician shall not allow an apprentice to work on any installation without direct constant supervision by a North Dakota licensed electrician working with the apprentice at the worksite.

4. Statement of problem and substantiation for proposal:

Renumbered, and to clarify entity and types of electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (2)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text


3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

2. When an apprentice electrician is found to be doing electrical or power limited work not under the direct supervision of a licensed electrician, an investigative fee may be charged to cover the costs incurred by the board. Costs are to be calculated at a rate of fifty dollars per hour and mileage rates currently allowed by North Dakota Century Code section 54-06-09 per mile of travel.

4. Statement of problem and substantiation for proposal:

Renumbered, and to clarify type of work.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#19

**INSTRUCTIONS PLEASE READ CAREFULLY**

Type or print in **black ink**. Use a separate copy for each proposal. Limit each proposal to a SINGLE section. All proposals must be received by the North Dakota State Electrical Board by 2/28/19 at 5:00 p.m. The North Dakota State Electrical Board will hold a public administrative hearing on the accepted proposed changes. Time and place to be announced at a later date.

Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (3)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text


3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

3. Electrical Contractors shall maintain records of all employees individuals who are or will be performing electrical or power limited work for that electrical contractor and shall permit the electrical board to examine and copy all such records as required by this section. It is the responsibility of the master, or class B or power limited electrician to ensure all employees individuals who are or will be performing electrical or power limited work for that electrical contractor either be licensed electricians or registered apprentices with the board. Individuals working under a power limited electrician shall only perform power limited systems work.

4. Statement of problem and substantiation for proposal:

Renumbered, clarify entity and type of work.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#20

INSTRUCTIONS PLEASE READ CAREFULLY

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (4)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

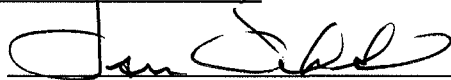
3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

4. Any master, or class B or power limited electrician who fails or refuses to comply with this section or who fails or refuses to comply or demonstrate compliance with this section at the request of the board or its representative shall subject that person's individual's license to non-renewal, suspension, or revocation by the board.

4. Statement of problem and substantiation for proposal:

Renumbered, clarify types of electricians and entity.



(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#21

INSTRUCTIONS PLEASE READ CAREFULLY

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (5)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

5. A master, ~~or~~ class B or power limited electrician may exercise that ~~person's~~ individual's privileges as a licensed master, ~~or~~ class B or power limited electrician for no more than one shop or business, and shall comply with provisions as required for contracting with the secretary of state's office as stated in North Dakota Century Code chapter 43-07. A master, ~~or~~ class B or power limited electrician must be actively engaged in the supervision of every project certified under that electrician's license. A master, ~~or~~ class B or power limited electrician shall notify the board office immediately upon changing from ~~contracting their~~ to non-contracting status for the shop ~~or~~ business they represent.

4. Statement of problem and substantiation for proposal:

Renumber, and to clarify a current status of a master, class B or power limited electrician

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#22

INSTRUCTIONS PLEASE READ CAREFULLY

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-06 and (6)

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-09. Supervision and responsibilities.**

6. Maintenance personnel regularly employed, independently or subcontracted, by the owner or property manager may maintain or make minor repairs to existing electrical wiring devices and appliances in areas other than National Electrical Code Chapter 5 Special Occupancies, articles 500-517, but and are precluded from extending or changing the characteristics of existing circuits, feeders, or other electrical apparatus in all areas.

4. Statement of problem and substantiation for proposal:

Renumbered, and to conform to House Bill 1157 and N.D.C.C. Chapter 43-09 and to clarify scope of work that can be performed by maintenance personnel.

  
\_\_\_\_\_  
(Signature)



PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#23

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-03-01-08

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-03-01-08. Power limited apprentice electrician.**


A power limited apprentice electrician shall meet the following requirements to be eligible for examination:

1. A power limited apprentice shall be registered with the board under the same classification as the power limited electrician under whom the apprentice will be working and have completed six thousand hours of work experience under the direct supervision of a power limited electrician; or
2. A power limited apprentice shall possess a valid board recognized tradesman certification. An applicant who has prior experience outside of the state of North Dakota may take a placement examination to verify the practical experience obtained in order to apply credit towards the verification of hours. If the applicant fails the placement examination, the applicant is ineligible to retake the examination. An appeal may be submitted in writing to the board within 30 days.

A power limited apprentice electrician who has not complied as stated in subdivision 1 or 2 is not eligible to take the power limited electrician license examination. If the individual receives a license from another state based on the verification that the majority of practical experience was obtained in the state of North Dakota the individual will not be eligible for examination for licensure or a reciprocal license.

4. Statement of problem and substantiation for proposal:

To conform to HB 1157 and §43-09-09.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#24

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Date: 2/28/19 Name: North Dakota State Electrical Board

Home Phone: N/A Work Phone: 701-328-9522

Street Address: P.O. Box 7335 City: Bismarck

State: North Dakota Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04 and 24.1-04-01

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

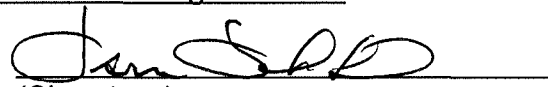
**ARTICLE 24.1-04  
CONTINUING EDUCATION**

Chapter  
24.1-04-01 Continuing Education Requirements

CHAPTER 24.1-04-01  
**CONTINUING EDUCATION REQUIREMENTS**

4. Statement of problem and substantiation for proposal:

Amend article and chapter titles to reflect intent change in rules.

  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#25

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-01

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-04-01-01. Course Education requirements for license licensure and renewal.**

No master, journeyman, power limited, or class B electrician license will be renewed unless proof of eight continuing education hours have been submitted, of which a minimum of fifty percent of the hours shall be based on the 2017 2020 edition, National Electrical Code. The remaining credits shall be subjects related to the electrical industry. Approval of the course education curriculum is required by the board.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

  
\_\_\_\_\_  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#26

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02 and (1).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-04-01-02. Course Class approvals.**

1. ~~Courses, seminars, Classes, apprenticeship programs~~ and instructors shall have prior approval by the board to receive credit. ~~Request for approval of courses, seminars, and instructors and requests for approval~~ shall be made no later than thirty days prior to class instruction. Board approval of courses, seminars, continuing education classes and instructors accepted expires when the board adopts an updated edition of the National Electrical Code. Approved apprenticeship programs shall be reviewed at intervals set by the board.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.



(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#27

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(2).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. Application for approval of ~~courses~~ educational classes and instructors shall be on a form provided by the board. A complete description (detailed curriculum outlining the subject matter along with the time and sequence of each item) and copies of all materials provided to the attendants shall be submitted. All educational classes shall meet minimum education requirements set by the board.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#28

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(3).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. ~~Continuing education~~ Education programs held in other states may be considered for credit if the program meets the requirements of the board.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#29

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(4).

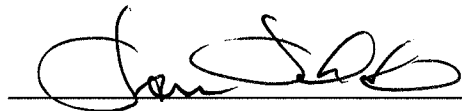
2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

4. The board shall be notified in writing no later than fifteen days prior to the date, time, and location of the ~~presentation class~~. A representative of the board shall be entitled to attend without charge and have the authority to audit or review continuing education presentations classes.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)



PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#30

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(5).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

5. The board may withdraw approval of any educational program classes not in compliance with this section.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#31

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(6).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. The provider of the ~~presentation~~ class shall forward an attendance list to the board on a form supplied by the board within fifteen days following the ~~presentation~~ class. A certificate of completion shall also be provided to each ~~licensee in attendance~~ attendee. Each certificate of completion and attendance list shall include the name of the provider, the name of the instructor, the ~~course~~ class identification number, the date and location of ~~presentation~~ the class, and the number of code and non-code hours of instruction for ~~continuing~~ education units. For all classes, include the electrician's attendee's name, and the electrician's license or registration number and last four digits of social security number. It is the responsibility of the ~~licensee~~ attendee to have a copy of this certificate of completion. The certificates shall be sent to the board only if requested ~~to do so~~ by the board. The provider shall be responsible to keep accurate attendance by periodically checking attendees during the class. For providers that conduct continuing education classes in North Dakota, the attendance record shall be submitted ~~electronically through~~ to the board's website as required.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.



(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#32

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Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-02(7).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

7. Continuing education credits can be deposited with the board for a period up to two license renewal periods. Continuing education credits will not be given for attending the same continuing education class more than once in a code cycle (example: same sponsor, same title, and same course class approval number).

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#33

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-03 and (3).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

Instructors shall submit their qualifications to the board prior to the ~~presentation of the course or seminar class~~. Courses Classes will not be approved unless the instructor has one or more of the following qualifications:

3. ~~A person~~ An individual with a valid teaching accreditation from a trade or technical school, college, or university teaching an electrical curriculum.

4. Statement of problem and substantiation for proposal:

Redefine term and clarify entity.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#34

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-04-01-04.

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**24.1-04-01-04. Education advisory committee.**


1. The board shall direct the executive director to form an education advisory committee to review educational classes and programs required by the board.
2. The committee shall develop minimum requirements in the area of study for the electrical education of individuals registered and licensed by the board.
3. The committee shall review the approved classes and programs every five years or as necessary and submit a report to the board for final approval.
4. The executive director shall preside over the committee meetings.
5. The committee shall meet as deemed necessary, but no less than once per year.
6. Committee members' compensation shall be set by the board, including mileage and travel as per NDCC 54-06-09.

7. The education advisory committee members shall consist of a minimum of, but not limited to, individuals selected from the following categories with term limits set by board policy:

- a. The executive director of the board.
- b. The training administrator of the board.
- c. A representative from a North Dakota college approved electrical degree program.
- d. A representative from a North Dakota college approved off-campus electrical correspondence/online program.
- e. A North Dakota registered professional electrical engineer.
- f. A North Dakota master electrician who is certified as an instructor through a vocational education department.
- g. A North Dakota journeyman electrician who is certified as an instructor through a vocational education department.
- h. A North Dakota power limited electrician who is certified as an instructor through a vocational education department.

4. Statement of problem and substantiation for proposal:

To conform to House Bill 1157, Senate Bill 2056 and N.D.C.C. Chapter 43-09 and to define scope of education required for electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#35

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(1).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. All electrical installations, including ~~new jobs and additional work on old installations, made in this state,~~ power limited system installations defined by the National Electrical Code Special Occupancies, articles 500-517, with a value of five hundred dollars or more, shall have an electrical wiring certificate or e-cert (electronic version of a wiring certificate) properly executed and submitted by the master, or class B or power limited electrician supervising the installation of electrical wiring on a form prescribed by the board. ~~The board shall prescribe an e-cert form for a master or class B electrician licensed on or after the effective date of these rules. A project with multiple address locations shall require an electrical wiring certificate for each location.~~

4. Statement of problem and substantiation for proposal:

To clarify by who and when a wiring certificate is required.

  
\_\_\_\_\_  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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#36

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State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(2).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. ~~Before work commences on any~~ An electrical wiring certificate shall be required, no matter the value, for the following electrical installations where:

- ~~a.~~ a. a new service entrance is installed,
- ~~b.~~ b. an existing service entrance is altered or repaired,
- ~~c.~~ c. a building is moved or relocated,
- ~~d.~~ d. a permanent pool or hot tub is installed, or
- ~~e.~~ e. where a mobile home feeder is installed, or
- ~~f.~~ f. where the cost of the repair work or additional installation exceeds five hundred dollars,

~~the master, or class B or power limited electrician supervising such installation shall submit an electrical wiring certificate and distribute as follows:~~

- ~~a. A start-up copy of the certificate shall be submitted to the board and a copy to the power company before work is commenced and before an electrical installation may be energized.~~
- ~~b. Within fifteen days of completion, use, or occupancy, whichever is first, the final paperwork shall be submitted to the office of the board, along with the proper fee. The wiring certificate shall be completed with the location and a proper description of work completed.~~
- ~~c. A copy shall be retained by the master or class B electrician.~~



d. ~~A copy shall be left in or on the panel or given to the owner.~~

4. Statement of problem and substantiation for proposal:

To clarify when a wiring certificate is required regardless of value.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#37

INSTRUCTIONS PLEASE READ CAREFULLY

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(3).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

~~2.~~ 3. An electrical wiring certificate shall be distributed as follows:

- a. A start-up copy of the certificate shall be submitted to the board and a copy to the power company before work is commenced and before an electrical installation may be energized.
- b. Within fifteen days of completion, use, or occupancy, whichever is first, the final paperwork shall be submitted to the office of the board, along with the proper fee. The wiring certificate shall be completed with the location and a proper description of work completed.
- c. A copy shall be retained by the master, or class B or power limited electrician.
- d. A copy shall be left in or on the panel or given to the owner.

4. Statement of problem and substantiation for proposal:

To segregate from previous paragraph and clarify where and to whom a wiring certificate needs to be distributed.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#38

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(4).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. 4. Certificates with job cost of twenty thousand dollars or less are valid twelve months from the original filing date. A new wiring certificate shall be filed on all unfinished work.

4. Statement of problem and substantiation for proposal:

Renumbered.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#39

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Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(5).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

4. 5. E-certs are available upon request and submission of an application from any master<sub>1</sub> or class B or power limited electrician holding a proper current license from the board. Electrical (paper) wiring certificates are available until August 31, 2020 or the effective date of the 2020 Laws, Rules & Wiring Standards. The master<sub>1</sub> or class B or power limited electrician shall be responsible for all certificates issued to and by that person. A charge of twenty-five dollars to cover board costs shall be assessed on each lost electrical paper wiring certificate issued to any master<sub>1</sub> or class B or power limited electrician, unless returned to the board.

4. Statement of problem and substantiation for proposal:

Renumbered and to clarify types of electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#40

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(6).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

5. 6. Whenever an electrical installation made by or under the supervision of a master, or class B or power limited electrician is commenced or in use without submitting an electrical wiring certificate, as directed in subsection 2, the certificate may be considered late and the normal inspection fee, as required under this section, is increased in the amount of fifty dollars. In addition, when time and travel are expended by employees of the board to obtain a late certificate, an investigative fee may be charged to cover the costs incurred. Costs are to be calculated at a rate of fifty dollars per hour and mileage rates currently allowed by North Dakota Century Code section 54-06-09 per mile of travel.

4. Statement of problem and substantiation for proposal:

Renumbered and to clarify types of electricians.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#41

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Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-01(7).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. 7. Property owners who are self-wiring or doing their own electrical work must comply with the following before any electrical work commences:

- a. Notify the board office of intent to self-wire.
- b. Must own and occupy the residential property or farmstead where the electrical work will be done.
- c. Review plans or drawings depicting wiring to be done with the local electrical inspector.
- d. Inspection fees will be calculated as stated in this section with a minimum of fifty dollars.
- e. Certification and inspection are required as stated in this section.

4. Statement of problem and substantiation for proposal:

Renumbered.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#42

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Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(1).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

1. The electrical and power limited systems inspection fee shall be based on the total amount of the electrical contract or total cost to the owner including extras. This includes power limited systems in National Electrical Code Chapter 5 Special Occupancies, articles 500-517.

4. Statement of problem and substantiation for proposal:

To implement HB 1157 for inclusion of inspection fees.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#43

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(2).


2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. The electrical contractor is responsible to collect the proper inspection fee on each installation. When the owner furnishes the material and the electrical contractor furnishes the labor, the owner shall provide the electrical contractor with the total amount expended for electrical materials used in connection with the installation, and the electrical contractor shall then calculate and collect the necessary inspection fee from the owner. Whenever electrical materials are donated or removed from an existing installation and placed at another location or labor is donated to an installation, the electrical contractor shall estimate the cost of these materials and labor and include the amount in the job cost for the purpose of calculating the proper inspection fee. The contractor shall maintain all job related records and shall permit the board to examine and copy all such records as requested.

4. Statement of problem and substantiation for proposal:

To determine if total job costs are accurate.

  
(Signature)



PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#44

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(3).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. It shall be grounds for discipline of a master, ~~or~~ class B or power limited electrician's license if it is discovered that they charged or collected from the customer an electrical inspection fee greater than the fee actually in effect.

4. Statement of problem and substantiation for proposal:

To clarify types of electricians.

  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#45

**INSTRUCTIONS PLEASE READ CAREFULLY**

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Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(4).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

**4. Repealed August 1, 2017 inspection fees shall be as follows:**

**Job Cost:**

**Inspection Fee:**

Up to \$300.00

\$25.00 (minimum fee)

\$300.00 to \$3,000.00

\$25.00 for the first \$300.00 plus  
2% on balance up to \$3,000.00

\$3,000.00 to \$10,000.00

\$79.00 for the first \$3,000.00 plus  
1.5% on balance up to \$10,000.00

~~\$10,000.00 to \$15,000.00~~

~~\$184.00 for the first \$10,000.00 plus  
1% on balance up to \$15,000.00~~

~~\$15,000.00 to \$100,000.00~~

~~\$234.00 for the first \$15,000.00 plus  
1/2 of 1% on balance up to \$100,000.00~~

Over \$100,000.00

\$659.00 for the first \$100,000.00 plus  
1/4 of 1% on balance

**Effective August 1, 2017 inspection fees shall be as follows:**

<b>Job Cost:</b>	<b>Inspection Fee:</b>
Up to \$500.00	\$25.00 (minimum fee)
\$500.00 to \$3,000.00	\$25.00 for the first \$500.00 plus 2% on balance up to \$3,000.00
\$3,000.00 to \$10,000.00	\$79.00 for the first \$3,000.00 plus 1.5% on balance up to \$10,000.00
\$10,000.00 to \$15,000.00	\$184.00 for the first \$10,000.00 plus 1% on balance up to \$15,000.00
\$15,000.00 to \$100,000.00	\$234.00 for the first \$15,000.00 plus 1/2 of 1% on balance up to \$100,000.00
Over \$100,000.00	\$659.00 for the first \$100,000.00 plus 1/4 of 1% on balance

**Effective April 1, 2020 inspection fees shall be as follows:**

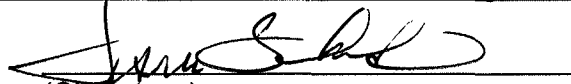
<b><u>Job Cost:</u></b>	<b><u>Inspection Fee:</u></b>
<u>Up to \$500.00</u>	<u>\$50.00 (minimum fee)</u>
<u>\$500.00 to \$20,000.00</u>	<u>\$50.00 for the first \$500.00 plus 1.25% on balance up to \$20,000.00</u>
<u>Over \$20,000.00</u>	<u>\$293.75 for the first \$20,000.00 plus 1/10 of 1% on balance over \$20,000.00</u>

**Effective April 1, 2023 inspection fees shall be as follows:**

<b><u>Job Cost:</u></b>	<b><u>Inspection Fee:</u></b>
<u>Up to \$500.00</u>	<u>\$50.00 (minimum fee)</u>
<u>\$500.00 to \$20,000.00</u>	<u>\$50.00 for the first \$500.00 plus 2% on balance up to \$20,000.00</u>
<u>Over \$20,000.00</u>	<u>\$440.00 for the first \$20,000.00 plus 1/10 of 1% on balance over \$20,000.00</u>

4. Statement of problem and substantiation for proposal:

Repealed and not in effect and adjustment of fee schedule per recent legislation.

  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#46

**INSTRUCTIONS PLEASE READ CAREFULLY**

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(6).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. Whenever a correction order is written and corrections are not completed within the allotted time, there shall be an administration charge of fifty dollars, which shall be paid to the board by the master, or class B or power limited electrician.

4. Statement of problem and substantiation for proposal:

To clarify types of electricians.

  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#47

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State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-05-01-02(7).

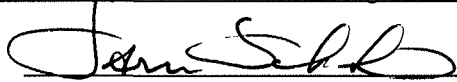
2. Proposal recommends (check one): New Text Revised Text Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

7. All re-inspections shall be paid for by the electrical contractors at a ~~cost of fifty dollars per hour with a~~ minimum charge of one hundred dollars. In addition, an investigative fee may be charged to cover the costs incurred to be calculated at a rate of fifty dollars per hour and mileage rates currently allowed by North Dakota Century Code section 54-06-09 per mile of travel.

4. Statement of problem and substantiation for proposal:

Electrical is understood, to clarify entity and application of investigative fees.

  
(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#48

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Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-01-40.

2. Proposal recommends (check one): New Text Revised Text Deleted Text



3. Proposal (include proposed new wording or identification of wording to be deleted):

Alarm systems stated in this section shall be installed in accordance with the locally adopted codes or North Dakota State Building Code and state fire code under the supervision of a master or class B electrician. In new construction, all alarm systems shall receive their primary power from the building wiring and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

4. Statement of problem and substantiation for proposal:

To clarify who can install alarm systems.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#49

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State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-01-40(1)(a)(2).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

- (2) Outside each separate sleeping area in the immediate vicinity of the bedrooms sleeping rooms.

4. Statement of problem and substantiation for proposal:

Not to narrow definition to a room with a bed.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#50

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-01-40(3).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

3. An approved carbon monoxide alarm shall be installed ~~outside of each separate sleeping area in the immediate vicinity of the bedrooms~~ in the following areas of dwelling units within which contain fuel-fired appliances are installed and in dwelling units or that have attached garages: :

a. in each sleeping room,

b. outside each sleeping room in the immediate vicinity of each sleeping room,

c. one on a level where sleeping rooms are not present, and

d. in a mechanical room.

4. Statement of problem and substantiation for proposal:

To emphasize a requirement to install carbon monoxide alarms when fuel-fired appliances are present and cover each level.

 (Signature)



PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#51

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State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-02-10(2).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. In a dwelling unit, A a separate circuit with disconnect shall be provided for the purpose of operating or controlling electrical equipment on for primary source heating units. Wiring requirements for fixed electrical space heating equipment is provided under article 424, 2017 2020 edition, National Electrical Code.

4. Statement of problem and substantiation for proposal:

Removes confusion for gas-fired heating in garages or supplemental heating equipment.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#52

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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-02-10(6).

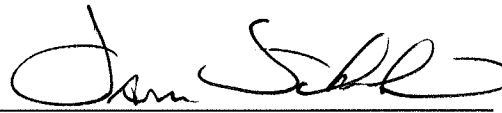
2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

6. Fifteen and twenty ampere ~~125-volt~~ receptacles supplying sewer pumps and sump pumps shall not need arc fault circuit protection, but shall be ground-fault protected or a single receptacle shall be installed in an enclosure that is lockable on a dedicated circuit.

4. Statement of problem and substantiation for proposal:

125 volt is obsolete as higher volt receptacles require GFCI and having enclosure lockable is not practical.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
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Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-02-10(7).

2. Proposal recommends (check one): New Text Revised Text Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

7. Fifteen and twenty ampere ~~125-volt~~ receptacles supplying power for garage door openers located in attached or detached garages associated with dwelling units shall be ground-fault protected or a single receptacle installed.

4. Statement of problem and substantiation for proposal:

125 volt is obsolete as higher volt receptacles require GFCI.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#54

INSTRUCTIONS PLEASE READ CAREFULLY

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-02-10(9).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

9. Exception: ~~2017~~ 2020 edition, National Electrical Code, Article ~~210.11(C)(4)~~: Requirements shall not include article 210.12(A), AFCI protection requirements shall not include the following:

- a. buildings 250 square feet or smaller,
- b. furnaces used for main heating source, and
- c. for refrigeration appliances if a single receptacle on a dedicated circuit is installed.

4. Statement of problem and substantiation for proposal:

Added additional exception to 2020 NEC and moved exception under 24.1-06-02-10(10) to this section.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#55

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City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-02-10(10).

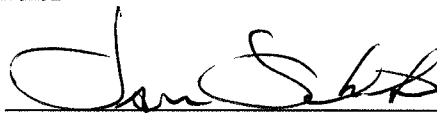
2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

~~10.Exception: 2017 edition, National Electrical Code, Article 210.12(A): AFCI protection is not required for refrigeration appliances if a single receptacle on a dedicated circuit is installed.~~

4. Statement of problem and substantiation for proposal:

Moved exception to 24.1-06-02-10(9).



(Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#56

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-05-50(1).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

~~1. Mobile homes, manufactured homes, and mobile home parks shall comply with articles 550; 2017 edition, of the National Electrical Code.~~

4. Statement of problem and substantiation for proposal:

Redundant to 2020 NEC.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#57

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Date: 2/28/19

Name: North Dakota State Electrical Board

Home Phone: N/A

Work Phone: 701-328-9522

Street Address: P.O. Box 7335

City: Bismarck

State: North Dakota

Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-05-50(2).

2. Proposal recommends (check one): New Text  Revised Text  Deleted Text

3. Proposal (include proposed new wording or identification of wording to be deleted):

2. Service equipment may be installed on manufactured homes as required in 550.32(b) if the following requirements are met:

a. 1. The mobile home is located on property owned by homeowner and not in a mobile home park.

b. 2. The mobile home is secured to a permanent foundation that complies with locally adopted codes or North Dakota State Building Code.

4. Statement of problem and substantiation for proposal:

Renumbered accordingly.

 (Signature)

PROPOSED CHANGES TO THE ADMINISTRATIVE RULES OF  
THE 2020 NORTH DAKOTA WIRING STANDARDS

#58

**INSTRUCTIONS PLEASE READ CAREFULLY**

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Date: 2/28/19 Name: North Dakota State Electrical Board  
Home Phone: N/A Work Phone: 701-328-9522  
Street Address: P.O. Box 7335 City: Bismarck  
State: North Dakota Zip: 58507

Please indicate organization represented (if applicable): N/A

1. Section/Paragraph: 24.1-06-06-25.
2. Proposal recommends (check one): New Text  Revised Text  Deleted Text
3. Proposal (include proposed new wording or identification of wording to be deleted):

**CHAPTER 24.1-06-06**  
**SPECIAL EQUIPMENT**

Section

- 24.1-06-06-01 to 24.1-06-06-24 (Reserved)
- 24.1-06-06-25..... (NEC 625) Electric Vehicle Charging System

**24.1-06-06-25. (NEC 625) Electric vehicle charging system.**

625.41 Overcurrent protection. Overcurrent protection for feeders and branch circuits supplying vehicle charging equipment shall be sized for continuous duty and shall have a rating of not less than 125 percent of the maximum load of the equipment. For these installations, "maximum load of equipment" means the setting the electrician adjusted the device to. The adjustment shall not be readily accessible or cannot easily be adjusted by the consumer. The electrician shall label the device if set to a value less than the maximum nameplate rating. The contractor shall assure the size of the service feeding these devices is adequate.

4. Statement of problem and substantiation for proposal:

New chapter and to clarify hookup and safety protections of electric vehicle charging stations.

 (Signature)