

## **ARTICLE 24.1-05 ELECTRICAL WIRING CERTIFICATES**

Chapter  
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### **CHAPTER 24.1-05-01 CERTIFICATES AND INSPECTIONS**

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#### **24.1-05-01-01. Electrical certificates.**

1. All electrical installations, including power limited system installations defined by the National Electrical Code Special Occupancies, articles 500 through 517, with a value of five hundred dollars or more, must have an electrical wiring certificate submitted by the master, class B, or power limited electrician supervising the installation on a form prescribed by the board. A project with multiple address locations requires an electrical wiring certificate for each location.
2. Before work commences on any electrical installation when a new service is installed, an existing service is altered or repaired, a building is moved, when a mobile home service or feeder is installed, or when the cost of the repair work or additional installation exceeds five hundred dollars, the master, class B, or power limited electrician supervising such installation shall submit an electrical wiring certificate and distribute as follows:
  - a. A startup copy of the certificate must 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 must be submitted to the board, along with the proper fee. The wiring certificate must be completed with the location and a proper description of work completed.
  - c. A copy must be retained by the master, class B, or power limited electrician.
  - d. A copy must be left in or on the panel or given to the owner.
3. Certificates with job cost of twenty thousand dollars or less are valid twelve months from the original filing date. A new wiring certificate must be filed on all unfinished work.
4. E-certs are available upon request and submission of an application from any master, class B, or power limited electrician holding a proper current license from the board. The master, class B, or power limited electrician is responsible for all certificates issued to and by that person. A charge of twenty-five dollars to cover board costs must be assessed on each lost electrical paper wiring certificate issued to any master, class B, or power limited electrician, unless returned to the board.
5. Whenever an electrical installation made by or under the supervision of a master, 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.

6. Property owners who are self-wiring or doing their own electrical work shall 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.

**History:** Effective April 1, 2017; amended effective January 1, 2018; October 1, 2020; July 1, 2024.

**General Authority:** NDCC 43-09-05

**Law Implemented:** NDCC 43-09-21, 43-09-22

#### **24.1-05-01-02. Fees.**

1. The electrical and power limited systems inspection fee shall be based on the total amount of the contract or total cost to the owner, including extras. This includes power limited systems in National Electrical Code chapter 5 special occupancies, articles 500 through 517. The following items need not be included in the cost:
  - a. Appliances, including dishwashers, heat pumps, air-conditioners, disposals, and similar equipment.
  - b. Heating, ventilating, and air-conditioning (HVAC) units.
  - c. Electric motors, PLC, generators; and
  - d. Industrial machines.
2. The contractor is responsible to collect the proper inspection fee on each installation. When the owner furnishes the material and the contractor furnishes the labor, the owner shall provide the contractor with the total amount expended for materials used in connection with the installation, and the contractor shall then calculate and collect the necessary inspection fee from the owner. Whenever materials are donated or removed from an existing installation and placed at another location or labor is donated to an installation, the 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 for a minimum of four years and shall permit the board to examine and copy all such records as requested.
3. It shall be grounds for discipline of a master, 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. Effective October 1, 2020, inspection fees shall be as follows:

Job Cost:	Inspection Fee:
Up to \$500.00	\$50.00 (minimum fee)

\$500.00 to \$20,000.00	\$50.00 for the first \$500.00 plus 1.25% on balance up to \$20,000.00
Over \$20,000.00	\$293.75 for the first \$20,000.00 plus 1/10 of 1% on balance over \$20,000.00

Effective July 1, 2024, inspection fees shall be as follows:

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

5. Companies having supervision of elevators, dumbwaiters, electrically driven irrigation machine or out-of-state structures or skids installed in North Dakota shall submit reports to the board. The report shall be completed, signed by owner or manager, and forwarded to the board with the inspection fee. The inspection fee shall be as follows:
  - a. Elevators and dumbwaiters having horsepower rating up to 5 horsepower - \$25.00
  - b. Elevators and dumbwaiters having horsepower rating 5 horsepower through 15 horsepower - \$40.00
  - c. Elevators and dumbwaiters having horsepower rating over 15 horsepower - \$60.00
  - d. Electrically driven irrigation machines - \$50.00
  - e. Out-of-state structures or skids - Based on inspection fee schedule.
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, class B, or power limited electrician.
7. All reinspections shall be paid for by the contractors at 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.
8. For inspections not covered in this section or special services, the fee shall be fifty dollars per hour, including travel time, plus mileage rates currently allowed by North Dakota Century Code section 54-06-09 per mile traveled.

**History:** Effective April 1, 2017; amended effective January 1, 2018; October 1, 2020.

**General Authority:** NDCC 43-09-05

**Law Implemented:** NDCC 43-09-21, 43-09-22

#### **24.1-05-01-03. Carnivals, circuses, fairs, and similar events.**

1. All carnivals, circuses, fairs, and similar events shall comply with article 525, 2023 edition, National Electrical Code (first version, printed in 2022).
2. All installations shall be approved by the electrical inspector before usage.

3. Each carnival, circus, fair, or similar event operating or intending to operate in North Dakota shall notify the North Dakota State Electrical Board, P.O. Box 7335, Bismarck, North Dakota 58507-7335, each year of its itinerary and make application for the initial inspection thirty days before the first engagement in the state. Failure to notify the board may result in expenses incurred for excess time and travel to inspect these installations.
4. The fee shall be paid to the inspector at the first engagement or inspection as follows:
  - a. \$15.00 each ride or concession;
  - b. \$15.00 reinspection fee on each unit, if required; and
  - c. \$50.00 each transformer or generator truck.
5. Each ride or concession wired properly will be issued a certification of compliance, serving for an entire season, subject to subsequent inspections.
6. Minor code violations will be issued a correction order with instructions to correct each violation before the next engagement. A reinspection will be required.
7. The electrical inspector is empowered to write a correction order for immediate compliance should the inspector find a condition dangerous to life and property.

**History:** Effective April 1, 2017; amended effective October 1, 2020; July 1, 2024.

**General Authority:** NDCC 43-09-05

**Law Implemented:** NDCC 43-09-21, 43-09-22