



**MINNESOTA DEPARTMENT OF  
LABOR & INDUSTRY**

CONSTRUCTION CODES & LICENSING DIVISION

**Individual Electrical Licensing or Registration Requirements and Inspection Requirements for the Installation of Technology Systems by Employees of Licensed Electrical Contractors, Technology System Contractors or Employers<sup>⊗</sup>**

Per Minnesota Statutes 326B.31 to 326B.36, August 1, 2008 and Minnesota Rules Chapter 3800

| R = Registration required**<br>L = License required<br>Y = Yes, inspection required<br>N = No, inspection not required<br>D = May be Required Depending on Location and Type of Circuit | Type of Occupancy   |                |                                      |              |                                      |              |   |              |                                      |              |
|---|---|----------------|--------------------------------------|--------------|--------------------------------------|--------------|---|--------------|--------------------------------------|--------------|
|   | Residential Dwelling  |                | Other Than Dwelling                  |              | Detention Facilities                 |              | Critical Care Areas of Health Care Facilities |              | Hazardous Locations                  |              |
|   | Individual License or Registration**  | Inspection *   | Individual License or Registration** | Inspection * | Individual License or Registration** | Inspection * | Individual License or Registration**          | Inspection * | Individual License or Registration** | Inspection * |
| Type of Circuit or System   |   |                |                                      |              |                                      |              |   |              |                                      |              |
| Class 2 or 3 alarm and signaling circuits   | R   | N              | R                                    | N            | R                                    | N            | R   | Y            | L                                    | Y            |
| Power-limited fire alarm systems  | R   | Y <sup>1</sup> | R                                    | Y            | R                                    | Y            | R   | Y            | L                                    | Y            |
| Data circuits and cabling   | R   | N              | R                                    | N            | R                                    | N            | R   | Y            | L                                    | Y            |
| Communication circuits or systems   | R   | N              | R                                    | N            | R                                    | N            | R   | Y            | L                                    | Y            |
| Detention facility physical security systems  |   |                |                                      |              | D                                    | Y            | D   |              |                                      |              |
| Audio or video systems  | R   | N              | R                                    | N            | R                                    | N            | R   | Y            | L                                    | Y            |
| Antenna systems   | R   | N              | R                                    | N            | R                                    | N            | R   | Y            | L                                    | Y            |
| Outdoor landscape lighting systems supplied by an isolating power supply 30 volts or less per NEC 411   | R   | N              | R                                    | N            | R                                    | N            | R   | N            | L                                    | Y            |
| Indoor lighting systems supplied by an isolating power supply 30 volts or less per NEC 411  | R   | Y              | R                                    | Y            | R                                    | Y            | R   | Y            | L                                    | Y            |
| Process control systems   | NOT PERMITTED   |                |                                      |              |                                      |              |   |              |                                      |              |
| Class 2 or class 3 remote control circuits that control circuits or systems other than class 2 or class 3   | R   | Y              | L                                    | Y            | L                                    | Y            | L   | Y            | L                                    | Y            |
| Class 2 or class 3 circuits in electrical cabinets, enclosures or devices containing physically unprotected circuits other than class 2 or class 3                                      | L   | Y              | L                                    | Y            | L                                    | Y            | L   | Y            | L                                    | Y            |
| Class 2 landscape irrigation systems  | D   | D              | D                                    | D            | D                                    | D            | D   | D            | L                                    | Y            |
| Minor work performed by employees of a contractor   | D   | N              | D                                    | N            | D                                    | N            | D   | N            | L                                    | N            |
| Residential class 2 or class 3 remote control wiring associated with cord and plug connected appliances other than security or fire alarm   | Exempt from Contractor and Personal Licensing<br>Exempt from Employee Registration<br>Exempt from Electrical Inspection |                |                                      |              |                                      |              |   |              |                                      |              |

<sup>⊗</sup>An employer is a person, partnership, corporation or limited liability company who has one or more employees who perform electrical work on the employer's electrical wiring, apparatus, equipment or facilities owned or leased by the employer which is located within the limits of property owned or leased or operated by the employer. Employers included under this definition are exempt from contractor licensing, however the employer and the responsible licensed person are required to be registered with the Department of Labor and Industry. [MN Rules 3800.3550]

\*\*Individuals performing work that is required to be performed by employees of licensed electrical or technology system contractors shall be either licensed or registered with the department. [MN Stat §326B.33 Subd. 13]

Y<sup>1</sup> The electrical inspection requirement applies to installations of fire alarm systems, as defined in article 760 of the National Electrical Code®, in other than one-or two-family dwellings. [MN Stat §326B.36 Subd. 2(b)(2)]

\* If an inspector observes that the installer has not complied with the provisions of the NEC, the inspector may order the installer to file a request for inspection, pay the inspection fee, make all necessary corrections and arrange for inspection. [MN Stat §326B.36 Subd. 2(d)]

## **326B.33 LICENSES.**

### **Subd. 21. Exemptions from licensing,**

(b) Employees of a licensed electrical or technology systems contractor or other employer where provided with supervision by a master electrician in accordance with subdivision 1, or power limited technician in accordance with subdivision 7, paragraph (a), clause (1), are not required to hold a license under sections 326B.31 to 326B.399 for the planning, laying out, installing, altering, and repairing of technology circuits or systems except planning, laying out, or installing:

[ NOTE: Supervision as used herein refers to general, and not direct, supervision ]

(1) in other than residential dwellings, class 2 or class 3 remote control circuits that control circuits or systems other than class 2 or class 3, except circuits that interconnect these systems through communication, alarm, and security systems are exempted from this paragraph;

(2) class 2 or class 3 circuits in electrical cabinets, enclosures, or devices containing physically unprotected circuits other than class 2 or class 3; or

(3) technology circuits or systems in hazardous classified locations as covered by chapter 5 of the National Electrical Code.

(c) Companies and their employees that plan, lay out, install, alter, or repair class 2 and class 3 remote control wiring associated with plug or cord and plug connected appliances other than security or fire alarm systems installed in a residential dwelling are not required to hold a license under sections 326B.31 to 326B.399.

(d) Heating, ventilating, air conditioning, and refrigeration contractors and their employees are not required to hold or obtain a license under sections 326B.31 to 326B.399 when performing heating, ventilating, air conditioning, or refrigeration work as described in section 326B.38.

(e) Employees of any electrical, communications, or railway utility, cable communications company as defined in section 238.02, or a telephone company as defined under section 237.01 or its employees, or of any independent contractor performing work on behalf of any such utility, cable communications company, or telephone company, shall not be required to hold a license under sections 326B.31 to 326B.399:

(1) while performing work on installations, materials, or equipment which are owned or leased, and operated and maintained by such utility, cable communications company, or telephone company in the exercise of its utility, antenna, or telephone function, and which:

(i) are used exclusively for the generation, transformation, distribution, transmission, or metering of electric current, or the operation of railway signals, or the transmission of intelligence and do not have as a principal function the consumption or use of electric current or provided service by or for the benefit of any person other than such utility, cable communications company, or telephone company; and

(ii) are generally accessible only to employees of such utility, cable communications company, or telephone company or persons acting under its control or direction; and

(iii) are not on the load side of the service point or point of entrance for communication systems;

(2) while performing work on installations, materials, or equipment which are a part of the street lighting operations of such utility; or

(3) while installing or performing work on outdoor area lights which are directly connected to a utility's distribution system and located upon the utility's distribution poles, and which are generally accessible only to employees of such utility or persons acting under its control or direction.