

02 DEPARTMENT OF PROFESSIONAL AND FINANCIAL REGULATION

318 ELECTRICIANS' EXAMINING BOARD

Chapter 120: ELECTRICAL INSTALLATION STANDARDS

SUMMARY: This chapter establishes the effective dates of the current edition of the National Electrical Code to which all installations must conform.

1. All installations of electrical equipment commencing on or after July 1, 2011 must comply with the 2011 edition of the National Electrical Code, National Fire Protection standard #70, as well as with all applicable statutes or rules of the State and all applicable ordinances, orders, rules and regulations of local municipalities.
2. The Board hereby adopts and incorporates into this chapter by reference The National Electrical Code, National Fire Protection Association standard #70, (2011 edition) with the following exceptions:

A-1. The Board adopts Article 200.6(D) with the following amendment:

200.6 Means of Identifying Grounded Conductors.

(D) Grounded Conductors of Different Systems. Where grounded conductors of different systems are installed in the same raceway, cable, box, auxiliary gutter, or other type of enclosure, each grounded conductor shall be identified by system. Identification that distinguishes each system grounded conductor shall be permitted by one of the following means:

- (1) One system grounded conductor shall have an outer covering conforming to 200.6(A) or (B).
- (2) The grounded conductor(s) of other systems shall have a different outer covering conforming to 200.6(A) or 200.6(B) or by an outer covering of white or gray with a readily distinguishable colored strip other than green running along the insulation.
- (3) Other and different means of identification as allowed by 200.6(A) or (B) that will distinguish each system grounded conductor.

The means of identification shall be documented in a manner that is readily available or shall be permanently posted where the conductors of different systems originate.

- A. The Board adopts Article 210.5(C)(3) with the following amendment:

210.5 Identification for Branch Circuits.

- (C) **Identification of Ungrounded Conductors.** Ungrounded conductors shall be identified in accordance with 210.5(C)(1), (2) and (3).
- (3) **Posting of Identification Means.** The method utilized for conductors originating within each branch-circuit panelboard or similar branch-circuit distribution equipment shall be documented in a manner that is readily available or shall be permanently posted at each branch-circuit panelboard or similar branch-circuit distribution equipment.

- B. *[exception deleted]*

- C. The Board adopts Article 215.12(C) with the following amendment:

215.12 Identification of Feeders.

- (C) **Ungrounded Conductors.** Where the premises wiring system has feeders supplied from more than one nominal voltage system, each ungrounded conductor of a feeder shall be identified by phase or line and system at all termination, connection, and splice points. The means of identification shall be permitted to be by separate color coding, marking tape, tagging, or other approved means. The method utilized for conductors originating within each feeder panelboard or similar feeder distribution equipment shall be documented in a manner that is readily available or shall be permanently posted at each feeder panelboard or similar feeder distribution equipment.

- D. The Board adopts Article 334.10(3) with the following amendment:

334.10 Uses Permitted.

- (3) Other structures permitted to be of Types III, IV, and V construction except as prohibited in 334.12. Cables shall be concealed within walls, floors, or ceilings that provide a thermal barrier of material that has at least a 15-minute finish rating as identified in listings of fire-rated assemblies.

- E. The Board does not adopt Article 334.12(A)(2), **Uses Not Permitted.**

- F. *[exception deleted]*

G. The Board adopts Article 338.12(B) (1) and (2) with the following amendment:

338.12 Uses Not Permitted.

(B) Underground Service-Entrance Cable.

- (1) For interior wiring of branch circuits and feeders originating and terminating within the same building.
- (2) For aboveground installations except where USE cable emerges from the ground and is terminated in an enclosure at ~~an outdoor~~ a location acceptable to the Authority Having Jurisdiction and the cable is protected in accordance with 300.5(D).

H. *[exception deleted]*

I. *[exception deleted]*

J. *[exception deleted]*

K. *[exception deleted]*

L. *[exception deleted]*

M. *[exception deleted]*

N. *[exception deleted]*

O. *[exception deleted]*

P. *[exception deleted]*

Q. *[exception deleted]*

R. The Board adopts Article 702.4(B)(2) with the following amendment:

702.4 Capacity and Rating

(B) System Capacity.

- (2) **Automatic Transfer Equipment.** For other than single-family dwellings, where automatic transfer equipment is used, an optional standby system shall comply with (2)(a) or (2)(b).

3. Copies of the National Electrical Code, National Fire Protection Association standard #70 may be purchased from:

National Fire Protection Association
1 Batterymarch Park, P.O. Box 9101
Quincy, MA 02269-9101
Telephone: 1-800-344-3555

STATUTORY AUTHORITY: 32 M.R.S.A. §§ 1153 and 1153-A

EFFECTIVE DATE:

February 16, 1986

AMENDED:

January 10, 1988
December 27, 1989
March 27, 1993
June 10, 1996

EFFECTIVE DATE (ELECTRONIC CONVERSION):

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REPEALED AND REPLACED:

August 28, 2002
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September 1, 2008 – filing 2008-361
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