

The following chapters or articles of the New Jersey electrical subcode [2017 National Electrical Code] are amended as follows:

90.4 Enforcement. This *Code* is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations, including signaling and communications systems, and for use by insurance inspectors. The ~~authority having jurisdiction for enforcement of the *Code*~~ electrical subcode official has the responsibility for making interpretations of the rules, for deciding on the approval of equipment and materials, and for granting the special permission contemplated in a number of the rules. Approval shall be in accordance with N.J.A.C. 5:23-2.9

By special permission, the ~~authority having jurisdiction~~ electrical subcode official may waive specific requirements in this *Code* or permit alternative methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety. as provided in N.J.A.C. 5:23-2.9.

This *Code* may require new products, constructions, or materials that may not yet be available at the time the *Code* is adopted. In such event, the ~~authority having jurisdiction~~ electrical subcode official may permit the use of the products, constructions, or materials that comply with the most recent previous edition of this *Code* adopted ~~by the jurisdiction.~~

90.5 Mandatory Rules, Permissive Rules, and Explanatory Material.
(C) Explanatory Material. Explanatory material, such as references to other standards, references to related sections of this *Code*, or information related to a *Code* rule, is included in this *Code* in the form of informational notes. Such notes are informational only and are not enforceable as requirements of this *Code* except as outlined under N.J.A.C. 5:23-3.16(a)2i. Brackets containing section references to another NFPA document are for informational purposes only and are provided as a guide to indicate the source of the extracted text. These bracketed references immediately follow the extracted text.

Chapter 1 of the New Jersey electrical subcode, Article 100, entitled "Definitions," is amended as follows:

Approved. ~~Acceptable to the authority having jurisdiction.~~ electrical subcode official.
Approval shall be in accordance with N.J.A.C. 5:23-3.7.

Authority Having Jurisdiction (AHJ). ~~An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.~~ Unless otherwise specifically noted, the authority having jurisdiction for the Electrical Subcode shall be the Electrical Subcode Official.

Building. ~~A structure that stands alone or that is cut off from adjoining structures by fire walls with all openings therein protected by approved fire doors.~~
A structure enclosed with exterior walls or fire walls, built, erected and framed of component structural parts, designed for the housing shelter, enclosure and support of individuals, animals or property of any kind. When used herein, building and structure shall be interchangeable except where the context clearly indicates otherwise.

Chapter 2 of the New Jersey electrical subcode, entitled "Wiring and Protection," is amended as follows:

210.8(A)(2) - Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use.

Exception No. 1 to (2) - Receptacles that are not readily accessible.

Exception No. 2 to (2) - A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)7, or (A)(8).

Receptacles installed under the exceptions to 210.8(A)(2) shall not be considered as meeting the requirements of 210.52(G).

210.8(A)(5) - Unfinished basements: For purposes of this section, unfinished basements are defined as portions or areas of the basement not intended as habitable rooms and limited to storage areas, work areas, and the like.

Exception No. 1 to (5) - Receptacles that are not readily accessible.

Exception No. 2 to (5) - A single receptacle or a duplex receptacle for two appliances located within dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and-plug connected in accordance with 400.7(A)(6), (A)7, or (A)(8).

Exception No. 3 to (5) - A receptacle supplying only a permanently installed fire alarm or burglar alarm system shall not be required to have ground-fault circuit-interrupter protection.

Receptacles installed under the exceptions to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G)."

210.12(D), entitled "Branch Circuit Extensions or Modifications - Dwelling Units," is deleted in its entirety.

Chapter 3 of the New Jersey electrical subcode, entitled "Wiring Methods and Materials," is amended as follows:

300.4 Protection Against Physical Damage.

(A) Cables and Raceways Through Wood Members.

(1) Bored Holes. In both exposed and concealed locations, where a cable- or raceway-type wiring method is installed through bored holes in joists, rafters, or wood members, holes shall be bored ~~so that the edge of the hole is not less than 32 mm (1 1/4 in.) from the nearest edge of the wood member. Where this distance cannot be maintained, as~~ required by the building subcode. Where the distance from the edge of the hole to the nearest edge of the wood member is less than 32 mm (1 1/4 inches). the cable or raceway shall be protected from penetration by screws or nails by a steel plate(s) or bushing(s), at least 1.6 mm (1/16 in.) thick, and of appropriate length and width installed to cover the area of the wiring.

334.12(A)(2) is deleted in its entirety.

Chapter 4 of the New Jersey electrical subcode, entitled "Equipment for General Use" is amended as follows:

406.4(D)(4), entitled "Arc-Fault Circuit-Interrupter Protection," is deleted in its entirety.

Article 425, entitled "Fixed Resistance and Electrode Industrial Process Heating Equipment," is amended as follows:

425.6, entitled "Listed Equipment," is deleted.

425.8, entitled "General," including subsections (A)-(C) are deleted.

425.9, entitled "Approval," is deleted.

425.10, entitled "Special Permission," is deleted.

425.12, entitled "Locations," including subsections (A) and (B) are deleted.

425.13, entitled "Spacing from Combustible Material," is deleted.

425.14, entitled "Infrared Lamp Industrial Process Heating Equipment," is deleted.

425.22 (B), entitled "Resistance Elements," is deleted.

425.22 (C), entitled "Overcurrent Devices," is deleted.

425.29, entitled "Heating Elements," is deleted.

425.45, entitled "Concealed Fixed Industrial Heating Equipment," is deleted.

425.57 through **425.64** are deleted.

425.71, entitled "Identification," is deleted.

425.72 Subsections (A)-(E) are deleted.

425.81, entitled "Identification," is deleted.

425.83, entitled "Overtemperature Limit Control," is deleted.

425.84, entitled "Overpressure Limit Control," is deleted.

Chapter 5 of the New Jersey electrical subcode, entitled "Special Occupancies," is amended as follows:

Section 514.3 (B)(3), with the exception of subsection (e), is deleted

525.5 Overhead Conductor Clearances.

~~(B) Clearance to Portable Structures.~~

~~(1) 600 Volts (or Less).~~ Portable structures shall be maintained not less than 4.5 m (15 ft) in any direction from overhead conductors operating at 600 volts or less, except for the conductors supplying the portable structure. ~~Portable structures included in 525.3(D) shall comply with Table 680.8(A).~~

~~(2) Over 600 Volts.~~ Portable structures shall not be located under or within a space that is located 4.5 m (15 ft) horizontally and extending vertically to grade of conductors operating in excess of 600 volts.

525.5(B) Clearances to Rides and Attractions. Amusement rides and amusement attractions shall be maintained not less than 4.5 m (15 ft) in any direction from overhead conductors operating at 600 volts or less, except for the conductors supplying the amusement ride or attraction. Amusement rides or attractions shall not be located under or within 4.5 m (15 ft) horizontally of conductors operating in excess of 600 volts.

Part II of Article 550, entitled "Mobile Homes, Manufactured Homes, and Mobile Home Parks" comprising sections 550.11 through 550.25 is deleted. Section 550.10 shall be retained.

(1) Exception--Part II is retained in its entirety in the case of mobile/manufactured homes undergoing repair, renovation, or alteration.

Article 551, entitled "~~Recreation Vehicles and Recreation Vehicle Parks~~," delete from the title the words "Recreational Vehicles and."

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~~Recreational Vehicles and Recreational Vehicle Parks~~

sections **551.20** through **551.60**, are deleted in their entirety, with the exception of Figure 551.46(C), which shall be retained.

Article 552 shall be applicable to structures covered by the recreational park trailers subcode, N.J.A.C. 5:23-4D, provided that:

(1) The structure is restricted to seasonal use as per Section 552.4. For purposes of applying this requirement, the park in which the structure is located shall be open for six months or less each year or access to the structures shall be otherwise restricted to a period of six months or less each year; and

(2) No additions, alterations, or extensions of any kind shall be made to the electrical system or structure unless the entire electrical system shall be made to conform to the electrical requirements of this code applicable to single family dwellings.

Chapter 6 of the New Jersey electrical subcode, entitled "Special Equipment," is amended as follows:

620.1 Scope.

Informational Note No. 1: For further information, see ~~ASME A17.1-2013/CSA B44-13~~ ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*.

620.23 Branch Circuits for Machine Room or Control Room/Machinery Space or Control Space Lighting and Receptacle(s).

(C) Duplex Receptacle.

Informational Note: See ~~ASME A17.1-2013/CSA B44-13~~ ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*, for illumination levels.

620.24 Branch Circuit for Hoistway Pit Lighting and Receptacle(s).

(C) Duplex Receptacle.

Informational Note: See ~~ASME A17.1-2013/CSA B44-13~~ ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*, for illumination levels.

620.51 Disconnecting Means.

(A) Type.

Informational Note: For additional information, see ~~ASME A17.1-2013/CSA B44-13~~ ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*.

620.91 Emergency and Standby Power Systems.

Informational Note: See ~~ASME A17.1-2013/CSA B44-13~~ ASME A17.1-2016/CSA B44-16, *Safety Code for Elevators and Escalators*, 2.27.2, for additional information.

680.25 Feeders.

(A) Wiring Methods.

(1) Feeders.

Exception: An existing feeder between an existing remote panelboard and service equipment shall be permitted to run in flexible metal conduit or an approved cable assembly that includes an equipment grounding conductor within its outer sheath. The equipment grounding conductor shall comply with 250.24(A)(5).

690.47, Grounding Electrode System,

(D) Additional Auxiliary Electrodes for Array Grounding shall be deleted in its entirety.

Chapter 8 of the New Jersey electrical subcode, entitled "Communication Systems," is amended as follows:

800.156 Dwelling Unit Communications Outlet is deleted in its entirety.

9. Informative Annex H of the New Jersey electrical subcode, entitled "Administration and Enforcement," is deleted in its entirety.