

The Amendments on this document have been approved by the Rules Review Commission.

A person who desires to use an amendment prior to its effective date shall make such request with the Code Enforcement Official as an alternate method of construction in accordance with section 102.5 of the NC Administrative Code and Policies. However, the Code Enforcement Official shall not be required to accept such request earlier than the date of approval from the Rules Review Commission.

North Carolina Administrative Code and Policies
102.5 Interim use of approved rules. Any rules that are adopted by the Building Code Council and approved by the Rules Review Commission shall be accepted by the Code Enforcement Official as an alternate method of construction prior to the effective date if requested by the owner or his agent.

2014 NC Electrical Code

210.12 (B) Branch Circuit Extensions or Modifications – Dwelling Units. (151215 Item B-9)

210.12 Arc-Fault Circuit-Interrupter Protection.

(B) Branch Circuit Extensions or Modifications – Dwelling Units.

In any of the areas specified in 210.12(A), where branch-circuit wiring is modified, replaced, or extended, the branch circuit shall be protected by one of the following:

- (1) A listed combination-type AFCI located at the origin of the branch circuit.
- (2) A listed outlet branch-circuit type AFCI located at the first receptacle outlet of the existing branch circuit.

Exception: AFCI protection shall not be required where the extension of the existing conductors is not more than ~~4.8 m (6 ft)~~ 15.24 m (50 ft) and does not include any additional outlets or devices.

The delayed effective date of this Rule is January 1, 2017.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

2014 NC Electrical Code

300.9 Raceways in Wet Locations Above Grade. (150915 Item B-3)

300.9 Raceways in Wet Locations Above Grade.

Where raceways are in wet locations above grade, the interior of these raceways shall be considered to be a wet location. Insulated conductors and cables installed in raceway in wet locations above grade shall comply with 310.10(C).

Exception: The raceway shall not be considered a wet location if:

- (1) The section of raceway routed in a wet location above grade does not exceed 1500 mm (5 ft) in length;
- (2) Any fittings or conduit bodies are watertight and listed for use in wet locations; and
- (3) Raceway is open at its termination point in a dry location.

The delayed effective date of this Rule is January 1, 2017.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

2014 NC Electrical Code

338.10 (B) (4) Installation Methods for Branch Circuits and Feeders. (151215 Item B-8)

338.10 Uses Permitted.

(B) Branch Circuits or Feeders

(4) Installation Methods for Branch Circuits and Feeders.

(a) *Interior Installations.* In addition to the provisions of this article, Type SE service entrance cable used for interior wiring shall comply with the installation requirements of Part II of Article 334, excluding 334.80.

~~Where installed in thermal insulation the ampacity shall be in accordance with the 60°C (140°F) conductor temperature rating. The maximum conductor temperature rating shall be permitted to be used for ampacity adjustment and correction purposes, if the final derated ampacity does not exceed that for a 60°C (140°F) rated conductor.~~

For Type SE cable with ungrounded conductor sizes 10 AWG and smaller, where installed in thermal insulation, the ampacity shall be in accordance with 60°C (140°F) conductor temperature rating.

The delayed effective date of this Rule is January 1, 2017.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

2014 NC Electrical Code

680.21(C) Pool Pump Motor Replacement. (161213 Item B-5)

680.21 Motors

(C) GFCI Protection. Outlets supplying pool pump motors connected to single-phase, 120-volt through 240-volt branch circuits, whether by receptacle or by direct connection, shall be provided with ground-fault circuit-interrupter protection for personnel.

(1) Pool Pump Motor Replacement. Whenever a pool pump motor requires replacing and the existing branch circuit or receptacle providing power to the pump motor does not provide ground-fault circuit-interrupter protection for personnel as required by 680.21(C), the branch circuit or receptacle shall be updated to provide ground-fault circuit-interrupter protection for personnel.

The delayed effective date of this Rule is January 1, 2018.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

2014 NC Electrical Code

680.25 Feeders. (160614 Item B-4)

680.25 Feeders. These provisions shall apply to any feeder on the supply side of panelboards supplying branch circuits for pool equipment covered in Part II of this article and on the load side of the service equipment or the source of a separately derived system.

(A) Wiring Methods.

(1) Feeders. Feeders shall be installed in rigid metal conduit or intermediate metal conduit. The following wiring methods shall be permitted if not subject to physical damage:

- (1) Liquidtight flexible nonmetallic conduit
- (2) Rigid polyvinyl chloride conduit
- (3) Reinforced thermosetting resin conduit
- (4) Electrical metallic tubing where installed on or within a building
- (5) Electrical nonmetallic tubing where installed within a building
- (6) Type MC cable where installed within a building and if not subject to corrosive environment

Exception: An existing feeder within a one-family dwelling unit or two-family dwelling unit 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).

The delayed effective date of this Rule is January 1, 2018.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.