

2011 NC Electrical Code

250.53(A)(2) Supplemental Electrode Required. (130910 Item B-4)

250.53(A)(2) Supplemental Electrode Required. A single rod, pipe, or plate electrode shall be supplemented by an additional electrode of a type specified in 250.52(A)(2) through (A)(8). The supplemental electrode shall be permitted to be bonded to one of the following:

- (1) Rod, pipe, or plate electrode
- (2) Grounding electrode conductor
- (3) Grounded service-entrance conductor
- (4) Nonflexible grounded service raceway
- (5) Any grounded service enclosure

Exception No. 1: If a single rod, pipe, or plate grounding electrode has a resistance to earth of 25 ohms or less, the supplemental electrode shall not be required.

Exception No. 2: The supplemental grounding electrode shall not be required at temporary electrical service installation (saw service pole) at construction site, provided the temporary electrical service does not exceed 150 volts to ground or 100 amperes.

The delayed effective date of this Rule is January 1, 2016.

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

2011 NC Electrical Code

406.4(D)(4) Arc-Fault Circuit-Interrupter Protection. (140311 Item B-4)

406.4(D)(4) Arc-Fault Circuit-Interrupter Protection. Where a receptacle outlet is supplied by a branch circuit that requires arc-fault circuit interrupter protection as specified elsewhere in this *Code*, a replacement receptacle at this outlet shall be one of the following:

- (1) A listed outlet branch circuit type arc-fault circuit interrupter receptacle
- (2) A receptacle protected by a listed outlet branch circuit type arc-fault circuit interrupter type receptacle
- (3) A receptacle protected by a listed combination type arc-fault circuit interrupter type circuit breaker

Exception: Non-grounding type receptacle(s).

The delayed effective date of this Rule is January 1, 2016.

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

2012 NC Fire Code

319 Group E in churches, private schools and public schools. (140311 Item B-12)

319 Group E in churches, private schools and public schools. Rooms used for first grade children and younger shall be located on the *level of exit discharge*. Rooms used for second grade children shall not be located more than one *story* above the *level of exit discharge*.

The delayed effective date of this Rule is January 1, 2016.

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

[Note: This Rule is currently printed in the 2012 NC Building Code, Section 427.3]

2012 NC Plumbing Code

417.4 Shower compartments. (140311 Item B-8)

417.4 Shower compartments. Shower compartments shall conform to Table 417.4 and shall have approved shower pan material or the equivalent thereof as determined by the plumbing official. The pan shall turn up on three sides at least 2 inches (51 mm) above the finished curb level. The remaining side shall wrap over the curb. Shower drains shall be constructed with a clamping device so that the pan may be securely fastened to the shower drain thereby making a watertight joint. Shower drains shall have an approved weephole device system to ensure constant drainage of water from the shower pan to the sanitary drainage system. There shall be a watertight joint between the shower and drain and trap. Shower receptacle waste outlets shall be not less than 2 inches (51 mm) and shall have a removable strainer.

Exceptions:

1. Shower compartments with prefabricated receptors conforming to the standards listed in Table 417.4.
2. Where load-bearing, bonded, waterproof membranes meeting ANSI A118.10 are used, integrated bonding flange drains shall be approved. Clamping devices and weepholes are not required where shower drains include an integrated bonding flange. Manufacturer's installation instructions shall be followed to achieve a watertight seal between the bonded waterproof membrane and the integrated bonding flange drain. Integrated bonding flange drains shall conform to ASME A112.6.3, ASME A112.18.2/CSA B125.2, or CSA B79.

The delayed effective date of this Rule is January 1, 2016.

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