2018 NC State Existing Building Code Amendments

(adopted December 2017 through March 2022)

(Note: includes identified NC Errata)

The North Carolina Codes are available at https://codes.iccsafe.org/codes/north-carolina for purchase online or free “view only”. Bound hard copies are available for walk-in purchase only at the following location.

NC Department of Insurance, 325 North Salisbury Street, Raleigh, NC 27603 919-647-0029 (call for availability)

The following pages represent a summary of the Building Code Council adopted amendments that have been approved by the Rules Review Commission.

2018 NC Existing Building Code (based on the 2015 International Existing Building Code) effective 1/1/2019

These amendments revise, delete or add to the adopted NC Existing Building Code.
101.12 Energy conservation
Per G.S. 143-138 (b18), no energy conservation code provisions shall apply to any structure for which the primary occupancy classification is Group F, S, or U. This exclusion shall apply to the entire building area.

The delayed effective date of this Rule is January 1, 2019.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
101.12 Energy conservation exceptions.
The following exceptions apply to energy conservation code provisions in existing buildings in accordance with NC General Statutes:

1. In accordance with N.C.G.S. 143-138 (b18), no energy conservation code provisions shall apply to any structure for which the primary occupancy classification is Group F, S, or U. This exclusion shall apply to the entire building area.
2. In accordance with the N.C.G.S. 143-138 (b19), for residential buildings, no energy conservation code provisions shall apply to detached and attached garages located on the same lot as a dwelling.

The delayed effective date of this Rule is January 1, 2020.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
2018 NC Existing Building Code
Chapter 2 Definitions. (200714 Item B-10)

**CARBON MONOXIDE ALARM.** A single- or multiple-station alarm intended to detect carbon monoxide gas and alert occupants by a distinct audible signal. It incorporates a sensor, control components and an alarm notification appliance in a single unit.

**CARBON MONOXIDE DETECTOR.** A device with an integral sensor to detect carbon monoxide gas and transmit an alarm signal to a connected alarm control unit.

The delayed effective date of this Rule is January 1, 2022.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
Section 402.6 Carbon monoxide alarms in existing portions of a building. (200714 Item B-11)

402.6 Carbon monoxide alarms in existing portions of a building. Where an addition is made to a building or structure of a Group A-2, I-1, I-2, I-4 or R occupancies, or classrooms are added in Group E occupancies, the existing building shall be provided with carbon monoxide alarms in accordance with Section 915 of the North Carolina Building Code, except that the carbon monoxide alarms shall be allowed to be solely battery operated.

The delayed effective date of this Rule is January 1, 2020.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
403.11 Carbon Monoxide alarms. Individual sleeping units and individual dwelling units in Group R and I occupancies and classrooms in Group E occupancies and Group A-2 occupancies that contain a fuel-burning appliance or a fuel-burning fireplace shall be provided with carbon monoxide alarms in accordance with Section 915 of the North Carolina Building Code, except that the carbon monoxide alarms shall be allowed to be solely battery operated.

The delayed effective date of this Rule is January 1, 2020.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
405.6 Marking

The open space under fire escape stairways shall not be used for any purpose. Approved signs or other approved markings that include the words FIRE ESCAPE – KEEP CLEAR shall be provided to prohibit the obstruction thereof.

The delayed effective date of this Rule is January 1, 2021.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
606.1.1 Repairs to structural concrete. Repairs to structural concrete elements in accordance with ACI 562 shall be permitted.

Exceptions:
1. Where seismic design governs, ACI 562 shall not be used for evaluation and design.
2. Dwellings and accessory buildings constructed under the NC Residential Code.

The delayed effective date of this Rule is January 1, 2021.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
804.4.3 Carbon Monoxide alarms. Individual sleeping units and individual dwelling units in Group R and I occupancies and classrooms in Group E occupancies and Group A-2 occupancies that contain a fuel-burning appliance or a fuel burning fireplace shall be provided with carbon monoxide alarms in accordance with Section 915 of the North Carolina Building Code, except that the carbon monoxide alarms shall be allowed to be solely battery operated.

The delayed effective date of this Rule is January 1, 2020.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
1104.2 Carbon Monoxide alarms in existing portions of a building. Where an addition is made to a building or structure of a Group A-2, I-1, I-2, I-4 or R occupancies, or classrooms are added in Group E occupancies, the existing building shall be provided with carbon monoxide alarms in accordance with Section 915 of the North Carolina Building Code or Section R315 of the North Carolina Residential Code, except the carbon monoxide alarms shall be allowed to be solely battery operated.

The delayed effective date of this Rule is January 1, 2020.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.
2018 NC Existing Building Code
606.1.1 Repairs to structural concrete. (210309 Item B-9)

Chapter 16 Referenced Standards
ACI 562-16: Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures 606.1.1

The delayed effective date of this Rule is January 1, 2021.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.