

## **2018 NC State Existing Building Code Amendments**

**(adopted December 2017 through September 2021)**

**(Note: includes identified NC Errata)**

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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.

2018 NC Existing Building Code  
101.12 Energy conservation. (170613 Item B-7)

**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.

2018 NC Existing Building Code  
101.12 Energy conservation exceptions. (180911 Item B-18)

**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.

November 8, 2021

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.

November 8, 2021

2018 NC Existing Building Code

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.

November 8, 2021

2018 NC Existing Building Code

403.11, 804.4.3, 1104.2 Carbon Monoxide alarms. (180911 Item B-14)

**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.

November 8, 2021

2018 NC Existing Building Code  
405.6 Marking. (190910 Item B-5)

**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.

2018 NC Existing Building Code

606.1.1 Repairs to structural concrete. (210309 Item B-9)

**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.

November 8, 2021



2018 NC Existing Building Code

403.11, 804.4.3, 1104.2 Carbon Monoxide alarms. (180911 Item B-14)

**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.

November 8, 2021

2018 NC Existing Building Code

403.11, 804.4.3, 1104.2 Carbon Monoxide alarms. (180911 Item B-14)

**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.

November 8, 2021

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.