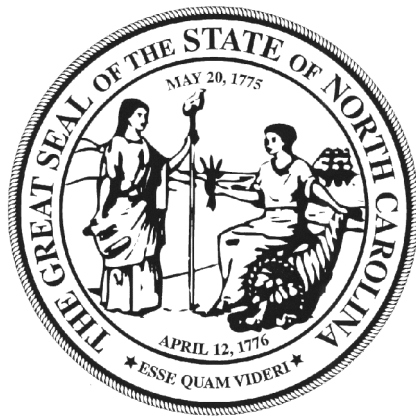


NORTH CAROLINA STATE BUILDING CODE



NEC 2005 NORTH CAROLINA ELECTRICAL CODE 2005 EDITION

North Carolina Building Code Council
and
North Carolina Department of Insurance
Post Office Box 26387
Raleigh, North Carolina 27611

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NORTH CAROLINA DEPARTMENT OF INSURANCE

By Statute, the Commissioner of Insurance has general supervision of the administration and enforcement of the North Carolina State Building Code and the Engineering Division serves as the Staff for the Building Code Council. Officials of the Department of Insurance are:

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Commissioner

TIM BRADLEY
Senior Deputy Commissioner

WANDA EDWARDS, PE
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BARRY GUPTON, PE
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Secretary, Building Code Council

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Article 10 - ADMINISTRATIVE SECTION

10.1 TITLE

These Administrative Regulations along with the requirements included in the 2005 Edition of the National Electrical Code (NFPA-70 - 2005) as approved by the North Carolina Building Code Council on *December 14, 2004*, to be effective *March 1, 2005*, with the following amendments:

- (1) 210.8(a)(3) (Exception No. 2)
- (2) 250.50

shall be known as the North Carolina Electrical Code, and may be cited as such or as the State Electrical Code; and will be referred to herein as “the code” or “this code.”

10.2 SCOPE

Article 80 Administration and Enforcement of the code is hereby not adopted and does not apply for this code. *For Scope and Exceptions to Applicability of Technical Codes, refer to the North Carolina Administration and Enforcement Code.*

10.3 PURPOSE

The purpose of the code is to provide certain minimum standards, provisions and requirements of safe and stable design, methods of construction and uses of materials in buildings and/or structures hereafter erected, constructed, enlarged, altered, repaired, moved, converted to other uses or demolished and to regulate the electrical systems, equipment, maintenance, use and occupancy of all buildings and/or structures. All regulations contained in this code shall have a reasonable and substantial connection with the public health, safety, morals, or general welfare, and their provisions shall be construed liberally to those ends.

10.4 ADMINISTRATION

For administrative regulations pertaining to inspection (rough-ins and finals), permits and Certificates of Electrical Compliance, see local ordinances and the North Carolina Administrative and Enforcement Requirements Code. When the provisions of other codes are determined to be contrary to the requirements of this code, this code shall prevail.

10.5 DEFINITION

Unless the context clearly indicates otherwise, whenever the word “building” is used in this chapter, it shall be deemed to include the word “structure” and all installations such as plumbing systems, heating systems, cooling systems, electrical systems, elevators and other installations which are parts of, or permanently affixed to, the building or structure.

10.6 APPLICATION OF CODE TO EXISTING BUILDINGS

For requirements of existing structures, refer to the North Carolina Administration and Enforcement Requirements Code.

10.7 TEMPORARY POWER

For the requirements for temporary power, refer to the North Carolina Administration and Enforcement Requirements Code.

10.8 REQUIREMENTS OF OTHER STATE AGENCIES, OCCUPATIONAL LICENSING BOARDS, OR COMMISSIONS

The North Carolina State Building Codes do not include all additional requirements for buildings and structures that may be imposed by other State agencies, occupational licensing boards, and commissions. It shall be the responsibility of a permit holder, design professional, contractor, or occupational license holder to determine whether any additional requirements exist.

AMENDMENT 210.8(A)(3)

(3) Outdoors

Exception No. 1 to (3): Receptacles that are not readily accessible and are supplied by a dedicated branch circuit for electric snow-melting or deicing equipment shall be permitted to be installed in accordance with the applicable provisions of Article 426.

Exception No. 2 to (3): *A single outlet receptacle supplied by dedicated branch circuit which is located and identified for specific use by a sewage lift pump.*

AMENDMENT 250.50

250.50 Grounding Electrode System. *If available on premises at each building or structure served, each item in 250.52(A)(1) through (A)(6) shall be bonded together to form the grounding electrode system. Where none of these electrodes are available, one or more of the electrodes specified in 250.52(A)(4) through (A)(7) shall be installed and used.*

