

RHODE ISLAND STATE BUILDING CODE

SBC-5 State Electrical Code



Effective January 1, 2006

Replaces Regulation SBC-5-2002

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

**Department of Administration
BUILDING CODE STANDARDS COMMITTEE
One Capitol Hill
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State Electrical Code
Regulation SBC-5 - 2005
January 1, 2006

The Building Code Standards Committee, in accordance with the rule making authority of Title 23, Chapter 23-27.3, Section 109.1, paragraphs a through c inclusive hereby adopts the provisions of the National Electrical Code, 2005 edition, as published by the National Fire Protection Association, as the Rhode Island State Electrical Code, together with the amendments thereto hereinafter set forth to the chapters and sections of said code:

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**Rhode Island State Building Code
Regulation SBC-5-2005
January 1, 2006**

The Building Code Standards Committee, in accordance with the rule making authority of Title 23, Chapter 23-27.3, Section 109.1, paragraphs a through c inclusive, has formally adopted and promulgated as the Rhode Island State Electrical Code, the provisions of the National Electrical Code, 2005 edition, as published by the National Fire Protection Association (NFPA) together with amendments thereto hereinafter set forth to the articles and sections of this code:

The provisions of Title 23, Chapter 27.3 of the General Laws of Rhode Island establishing administration and enforcement are hereby incorporated by reference.

Editorial Note: Code users please note:

When purchasing or using the NEC 2005 code, please take note of the particular printing edition. Errata to that printing edition is available on-line directly at no charge at www.necdirect.org or the office of the State Building Code Commissioner or call 401-222-3033 for further information.

Printed copies of the administrative and enforcement provisions of Title 23, Chapter 27.3 are available at the Office of the State Building Code Commission or on-line at [www.rilim.state.ri.us/statutes/title23/23 27.3/index.htm](http://www.rilim.state.ri.us/statutes/title23/23%2027.3/index.htm).

The National Electrical Code, 2005 Edition, is protected by the copyright that has been issued to NFPA. As a result, the State Electrical Code is not available in complete form to the public in an electronic format. The National Electrical Code 2005 edition that is referred to within is contained in a printed volume and is also in an electronic format that have been published by NFPA under an exclusive license.

The Office of the State Building Code Commissioner has purchased volumes of these codes and they shall be distributed to Rhode Island cities and towns during the month of December 2005 so that local officials will have access to the code prior to the implementation of these rules on January 1, 2006.

In order to assure public access to this code the Office of the State Building Code Commissioner shall provide a copy of this code to the Rhode Island State Library, which is located on the second floor of the State House. In addition, all codes may be viewed during business hours at the Department of Administration's Library which is located on the fourth floor of the William E. Powers Building, One Capitol Hill, Providence.

The Legislative Regulation Committee approved adoption of this code on November 14, 2005.

*By:
Daniel R. DeDentro
Executive Secretary
Rhode Island Building Code Standards Committee
December 1, 2005*

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STATE OF RHODE ISLAND
BUILDING CODE STANDARDS COMMITTEE

As of 12/2/03

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Vacant – Electrical Inspector

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STATE BUILDING CODE REGULATIONS – 2004

The following list includes all regulations promulgated by the State Building Code Standards Committee. All regulations are available for a fee at the State Building Commission.

1. Building Code.....SBC-1-2004 with amend.1/1/06
2. One and Two Dwelling Family
Dwelling Code..... SBC-2-2004 with amend.1/1/06
3. Plumbing Code..... SBC-3-2004
4. Mechanical Code..... SBC-4-2004
5. Electrical Code..... SBC-5-2005 eff. 1/1/06
6. **Reserved**
7. **Reserved**
8. State Energy Code..... SBC-8-2004
9. Enforcement and Implementation
Procedures for Projects Under
the Jurisdiction of the State
of Rhode Island..... SBC-9
10. Code Interpretations..... SBC-10
11. Certification of Building Officials,
Building, Electrical, Plumbing and
Mechanical Inspectors..... SBC-11-2002
12. New Materials and Methods
of Construction..... SBC-12
13. State Building Code
For Existing Schools..... SBC-13
14. **Reserved**
15. **Reserved**
16. **Reserved**
17. Public Buildings Accessibility
Meeting Standards..... SBC-17-2005 eff. 1/1/06
18. Native Lumber..... SBC-18
19. Fuel Gas Code..... SBC-19-2004

Edited 12/1/05

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GENERAL

Delete all references to IEC and substitute Rhode Island Electrical Code SBC-5-2005.

Delete all reference to any other International Code (IBC, IRC, IMC, etc.) and refer to appropriate SBC regulations. (See Amendment 2701.6 of SBC-1-2004.

NFPA 70-05 may also be referenced as NEC 05 and are one and the same document.

ARTICLE 90

90.1 Add the following to 90.1.

E) The installation of all work shall be accomplished by persons licensed by the State of Rhode Island, Department of Labor and Training, Division of Professional Regulation of Electricians, Title 5, Chapter 6, and Telecommunications Chapter 5-70 of the General Laws of the State of Rhode Island.

90.4 Delete 90.4 and substitute the following:

90.4 Enforcement. This Code is intended to be suitable for mandatory application by governmental bodies that exercise legal jurisdiction over electrical installations and for use by insurance inspectors. The Committee shall have the responsibility for deciding upon the approval of New Materials and Methods of Construction in accordance with SBC-12. The Commissioner shall have the responsibility to issue official interpretations in accordance with SBC-10. The authority having jurisdiction will have the responsibility for granting special permission contemplated in a number of the rules.

The authority having jurisdiction may waive specific requirements in this Code or permit alternate methods where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.

This Code may require new products, constructions, or materials that may not yet be available at the time the Code is adopted. In such event, the authority having jurisdiction may permit the use of the products, constructions, or materials that comply with the most recent previous edition of this Code adopted by the jurisdiction.

90.6 Delete 90.6 and substitute the following:

90.6 Formal Interpretations. To promote uniformity of interpretation and application of the provisions of this Code, formal interpretation procedures have been established and are found in the NFPA Regulations Governing Committee Projects.

Formal interpretations issued by the NFPA are advisory in nature and are not binding on the local authority having jurisdiction unless reissued as a formal opinion by the State Building Code Commissioner.

90.10 Add the following new Article 90.10:

90.10 Other Provisions. The provisions of Chapter 27 of SBC-1-2004 are herein incorporated by reference and are considered part of this code. See SBC-1-2004 for any future amendments.

110.2 Add the following new paragraph after the FPN:

Except as modified by the authority enforcing this Code, plans, specifications, schedules and calculations in sufficient detail shall be filed with the authority enforcing this Code, showing the location, and capacity of all lighting facilities, and all electrically operated equipment including power circuits required for all electrical service equipment of the building or structure. Details shall include available fault current at each protective device. Details shall include showing all raceways, cables and or circuiting on plans.

Annexes A, B, C, D and F may be used and are included for informational purpose only.

Annex E refers to construction types in NFPA 220 which do not correlate directly with construction types and hourly ratings specified in SBC-1-2004. Refer any questions to the building code authority having jurisdiction.

Annex G is deleted. See the provisions of RIGL 23-27.3-100 et al for administration and enforcement provisions.