

RHODE ISLAND

STATE BUILDING CODE

MECHANICAL CODE REGULATION SBC-4 APRIL 1, 1998

Re-enactment of SBC-4
Dated May 1, 1997
Replaces Regulation SBC-4-92
Revised January 1, 1992



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
BUILDING CODE STANDARDS COMMITTEE
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7th EDITION

STATEMENT OF NEED

Pursuant to the State Building Code Chapter 23, Title 27.3, the Building Code Standards Committee has promulgated Regulation SBC-4, as amended, dated April 1, 1998. In accordance with section 23-27.3-109.1 paragraphs 1-4 of the Code, the Committee has the authority to adopt appropriate rules and regulations when necessary to maintain the State Building Code current with national model codes and standards.

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BUILDING CODE STANDARDS COMMITTEE**

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**MECHANICAL CODE
REGULATION SBC-4
April 1, 1998**

The Building Code Standards Committee, in accordance with the rule making authority of Title 23, Chapter 27.3 Section 109.1 paragraph 1 through 4 inclusive, have formally adopted and promulgated the provisions of the International Mechanical Code, 1996 edition, as published by the International Code Council (ICC) as the State Mechanical Code for the design and installation of all mechanical systems, with the existing code amendments and the amendments thereto hereinafter set forth to the articles and sections of said Code.

CHAPTER 1

ADMINISTRATION

The following Rhode Island amendments are made to the sections of Chapter 1:

Revise section 101.1, Title, to read as follows:

101.1 Title. These regulations shall be known as Mechanical Code Regulation SBC-4, hereafter referred to as “this code.”

Delete I.M.C. Sections 103 through 109.7 in their entirety without substitution.

CHAPTER 3

GENERAL REGULATIONS

The following Rhode Island amendment is made to the section of Chapter 3:

Revise 301.6, Conflicts, to read:

301.6 Conflicts. Where conflicts between this code and the condition of listing or the manufacturer's installation instructions occur, the conditions of listing shall apply.

Add Section M-301.8.1 "Prohibited Connections" to Blue Page M3-1 and read as follows:

301.8.1 Prohibited Connections: The use of potable water as an open loop, single pass heat exchange fluid for the refrigeration cycle of HVAC equipment is prohibited.

CHAPTER 6

DUCT SYSTEMS

The following Rhode Island amendment is made to the sections of Chapter 6:

Revise I.M.C. Section 606.4, Controls Operation, to read as follows:

606.4 Controls Operation. Upon activation, the smoke detector shall signal a trouble alarm. Air....detector.

CHAPTER 10
BOILERS, WATER HEATERS AND
PRESSURE VESSELS

The following Rhode Island amendment is made to the sections of Chapter 10:

Add Exception #8 to Section 1001.1 as follows:

8. Permits for steam and water boiler installation and repairs of boilers over 200,000 BTUs for commercial uses and 400,000 BTUs for private residences or apartments shall be issued by the Department of Labor, Division of Occupational Safety, Boiler Unit.

CHAPTER 14

FUEL OIL PIPING AND STORAGE

The following Rhode Island amendment is made to the sections of Chapter 14:

Amend IMC Section 1401.2.2, Maximum inside fuel oil storage, as follows:

1401.2.2 Maximum inside fuel oil storage. Where connected to a fuel-oil piping system, the maximum amount of fuel oil storage allowed inside any building shall be 1,320 gallons (4,997L). The maximum amount of oil connected to any one (1) appliance shall be 660 gallons (2,498L). Where the amount of fuel oil stored inside a building exceeds 1,320 gallons (4,997L), the storage area shall be in compliance with the building code.

Add section M-1401.2.4 the blue page M14-1 to read as follows:

1401.2.4 Fuel Oil Supply and Vent Piping: Fill and vent lines for above ground fuel oil storage tanks shall be a minimum of 1 1/4" in diameter for single storage tanks up to 500 gallons capacity.

CHAPTER 16

REFERENCED STANDARDS

The following Rhode Island amendments are made to the provisions of Chapter 16:

Modify Chapter 16 "REFERENCED STANDARDS" as follows:

CODES

SBC-1-97: Rhode Island State Building Code.....

Rhode Island State Fire Safety Code 1996.....

SBC-8-97: Rhode Island State Energy Code.....

SBC-3-97: Rhode Island State Plumbing Code.....

APPENDIX B
RECOMMENDED PERMIT FEE SCHEDULE

The following Rhode Island amendment is made to the provisions of Appendix B:

Delete "APPENDIX B" in its entirety.

STATE BUILDING CODE REGULATION – 1998

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
2.	One and Two Dwelling Family Dwelling Code.....	SBC-2
3.	Plumbing Code.....	SBC-3
4.	Mechanical Code.....	SBC-4
5.	Electrical Code.....	SBC-5
6.	Manufactured Buildings and Building Components....	SBC-6
7.	ANSI A225.1 Manufactured Home Installation Standard.....	SBC-7
8.	State Energy Code.....	SBC-8
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
12.	New Materials and Methods of Construction.....	SBC-12
13.	State Building Code For Existing Schools.....	SBC-13
14.	Accessibility for Individuals with Disabilities for Residential Use Groups R-2 and R-3.....	SBC-14
15.	Accessibility for Individuals with Disabilities in State and Local Government Facilities.....	SBC-15
16.	Accessibility for Individuals with Disabilities.....	SBC-16
17.	Public Buildings Accessibility Meeting Standards.....	SBC-17
18.	Native Lumber.....	SBC-18