

**STATE OF NEW HAMPSHIRE  
STATE BUILDING CODE REVIEW BOARD**

**PART Bcr 308 CHANGES OR UPDATES TO THE INTERNATIONAL RESIDENTIAL  
CODE 2009**

**Effective April 1, 2010**

**Bcr 308.01 International Residential Code 2009**

(a) Pursuant to RSA-A:10, V, the board hereby adopts the following changes and updates to the applicable provisions of the *International Residential Code 2009*.

(1) Amend section R101.1 of the *International Residential Code 2009* by replacing said section with the following:

**Title.** These regulations shall be known as the Residential Code for One- and Two-Family Dwellings of the State of New Hampshire hereinafter referred to as "this code."

(2) Amend section R102.7 of the *International Residential Code 2009* by replacing said section with the following:

**Existing structures.** The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.

(3) Amend section R404.1 of the *International Residential Code 2009* by replacing said section with the following:

**Concrete and masonry foundation walls.** Concrete and masonry foundation walls shall be selected and constructed in accordance with the provisions of Section R404 or in accordance with ACI 318, ACI 332, NCMATR68-A or ACI 530/ASCE 5/TMS 402 or other approved structural standards.

When ACI 318, ACI 332 or ACI 530/ASCE 5/TMS 402 or the provisions of Section R404 are used to design concrete or masonry foundation walls, project drawings, typical details and specifications are not required to bear the seal of the architect or engineer responsible for design, unless otherwise required by the state law of the jurisdiction having authority.

(4) Reserved

(5) Delete Chapter 24 of the *International Residential Code 2009* in its entirety and add the following:

## CHAPTER 24, FUEL GAS

Fuel gas systems shall comply with the New Hampshire Fire Code, Saf-C 6000 (NFPA 54).

(6) Reserved.

(7) Amend section P2804 of the *International Residential Code 2009* by replacing said section with the following:

**Maximum temperature.** Hot water not to exceed 130°F (55°C) shall be supplied at all plumbing fixtures and equipment utilized for bathing, washing, culinary purposes, cleaning, laundry or building maintenance. This provision shall not supersede the requirement for protective shower valves in accordance with Section P2708.3.

(8) Amend section P2903.10 of the *International Residential Code 2009* by replacing said section with the following:

**P2903.10 Hose bibb.** Hose bibbs subject to freezing, including the “frost-proof” type, shall be equipped with an accessible stop-and-waste-type valve inside the building so that they can be controlled and/or drained during cold periods.

(9) Amend section P3103.1 of the *International Residential Code 2009* by replacing said section with the following:

**Roof extension.** Open vent pipes that extend through a roof shall be terminated at least 12 inches (305 mm) above the roof or 6 inches (152 mm) above the anticipated snow accumulation, whichever is greater, except that where a roof is to be used for any purpose other than weather protection the vent extension shall be run at least 7 feet (2134 mm) above the roof.

(10) Adopt Appendix G, Swimming Pools, Spas and Hot Tubs per R102.5 of the *International Residential Code 2009* in its entirety.

(11) Adopt Appendix J, Existing Buildings and Structures per R102.5 of the *International Residential Code 2009* in its entirety.

(11) Adopt Appendix O, Grey Water Recycling System per R102.5 of the *International Residential Code 2009* in its entirety.

(12) Add footnote “1” to the Ground Snow Load column of TABLE R301.2(1) Climatic and Geographic Design Criteria:

1. The jurisdiction shall fill in this part of the table with the ground snow load from Figure R301.2(5) or from Table 1 of Ground Snow Loads for New Hampshire ERDC/CRREL TR-02-6.

TABLE R301.2(1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY <sup>f</sup>	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>g</sup>	ICE BARRIER UNDERLAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>	AIR FREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>j</sup>
	Speed <sup>d</sup> (mph)	Topographic effects <sup>k</sup>		Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>					

(13) Amend section P2601.2 of the *International Residential Code 2009* by replacing said section with the following:

**P2601.2 Connections.** Plumbing fixtures, drains and appliances used to receive or discharge liquid wastes or sewage shall be directly connected to the sanitary drainage system of the building or premises, in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste systems.

**Exception:** Bathtubs, showers, lavatories, clothes washers and laundry trays are not required to discharge to the sanitary drainage system where those fixtures discharge to an approved gray water recycling system provided the system complies with Appendix O.

(14) Amend section P2801.8 of the *International Residential Code 2009* by replacing said section with the following:

**P2801.8 Water temperature control in piping from tankless heaters.** The temperature of water from tankless water heaters intended for faucets for domestic or personal hygiene use shall be a maximum of 130°F (55°C). A tempering device conforming to ASSE 1017 shall be installed to control the water temperature. This provision shall not supersede the requirement for protective shower valves in accordance with Section 2708.3.

(15) Amend section P2801.9 of the *International Residential Code 2009* by replacing said section with the following:

**P2801.9 Water temperature control in piping from tankless heaters.** The temperature of water from tankless water heaters intended for faucets for domestic or personal hygiene use shall be a maximum of 130°F (55°C). This provision shall not supersede the requirement for protective shower valves in accordance with Section 2708.3.

(16) Amend section P2802.2 of the *International Residential Code 2009* by replacing said section with the following:

**Temperature control.** Where a combination water heater-space heating system requires water for space heating at temperatures exceeding 130°F (55°C) a master thermostatic mixing valve complying with ASSE 1017 shall be installed to temper the water to a temperature of 130°F (55°C) or less for domestic uses.

(17) Notwithstanding the adoption of the *International Residential Code 2009* the effective date of Section R313 shall be April 1, 2012

(18) Add the following to Section R313 of the *International Residential Code 2009*:

**R313.2.1 One- and two-family dwellings automatic fire systems.** Buildings provided with an automatic residential fire sprinkler system shall be allowed to exercise all credits regarding egress in accordance with RSA 155-A:2 II (NFPA 101).

(19) Amend sections P2905.9.13 of the *International Residential Code 2009* by replacing said section with the following language:

**Section P2905.9.1.3 PVC Plastic pipe.** A primer that conforms to ASTM F 656 shall be applied to PVC solvent cemented joints. Solvent cement for PVC plastic pipe conforming to ASTM D 2564 shall be applied to all joint surfaces.

(20) Amend sections P3003.9.2, and P3003.14.2 of the *International Residential Code 2009* by replacing said sections with the following language:

**Solvent cementing.** Joint surfaces shall be clean and free from moisture. A primer that conforms to ASTM F 656 shall be applied. Solvent cement not purple in color and conforming to ASTM D 2564 or CSA CAN/CSA-B137.3, CSA CAN/CSA-B181.2 or CSA CAN/CSA-B182 shall be applied to all joint surfaces. The joint shall be made while the cement is wet and shall be in accordance with ASTM 2855. Solvent-cement joints shall be permitted above or below ground.