

# Code Amendment Proposal Petition

**NH Department of Safety**  
Office of the State Fire Marshal  
Board of Fire Control  
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www.nh.gov/safety/divisions/firesafety

EXHIBIT #: RE-19-04-15

## PETITIONER INFORMATION

Name:

Paul Parisi

Date:

11/20/19

Representing:

State Fire Marshal's Office

Phone:

603-223-4289

Address:

33 Hazen Dr

Fax:

City:

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State:

NH

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03305

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## PROPOSED CODE LANGUAGE

This proposed code amendment (check one):

- Amends (code, edition, section)
- Adopts a new code section (code, edition)
- Repeals (code, edition, section)

Code, Edition, and/or section affected:

2015 NFPA 1, 2015 NFPA 101

You must provide language for review by the Board of Fire Control. Failure to provide language will invalidate the petition. Please use the following format to show additions and deletions from the code: Strike through = deleted text. Underline and bold = **New Text**

### Proposed Language

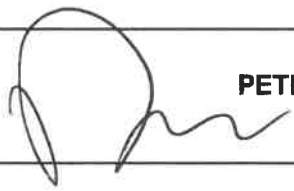
See proposed Bfc 300 & Bfc 400 rules attached.

**PETITION CRITERIA**

Attach to this petition written responses to the following questions. If needed, include in the response an explanation as to why a question does not apply to your proposed code petition. The Board may reject an incomplete petition.

**Questions:**

1. Is your proposed code amendment necessary to correct any unforeseen or probable outcomes resulting from the application of a code section, and if so, why?
2. Is your proposed code amendment needed to protect the health, safety, welfare, comfort and/or security of occupants and the public, and if so, why?
3. Does your proposed code amendment correct inadequate application by a code section to a method, material, or design, and if so, why?
4. Is your proposed code amendment necessary to correct unique geographic or climatic conditions within New Hampshire, and if so, why?
5. Is your proposed code amendment needed to eliminate conflicting, obsolete, or duplicative code provisions or standards among New Hampshire-adopted codes, statutes, or regulations, and if so, why?
6. Does your proposed code amendment provide for the use of unique or emerging technologies or promote advances in construction methods, devices, materials and techniques, and if so, how?
7. Does your proposed code amendment create any adverse fiscal impact or cost savings for the general public, the construction industry, local and state governments, or small businesses? If so, please describe the added or reduced cost of the proposed code amendment, the adverse fiscal impact or cost savings in relation to the current NH State Fire Code, and any standards of measure used to arrive at the result given.



**PETITIONER'S SIGNATURE**

Signature: \_\_\_\_\_

Date: 11/20/19

**Copyright Notice:** *By signing this proposed code amendment petition, I understand and acknowledge that the work contained in this petition is original, or if not original, I have the right to copy the work. By signing this work, I understand that any rights I may have in this work, including any form of derivative works and compilations, are assigned to the N.H. Board of Fire Control. I also understand that I do not retain or acquire any rights once this work is used in an NH Board of Fire Control publication.*

**APPLICATION PROCESSING**

The Office of the State Fire Marshal reviews all applications and will determine if the application is in conflict with any existing law or rule. The division will return any application found to be in conflict with any existing statute or rule along with the specific reasons for the returned application.

Not Approved:       Approved:       Approved with Modifications:

Hearing Date: \_\_\_\_\_ Voting Date: \_\_\_\_\_

Chair's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Fire Marshal's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Commissioner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**PART Bfc 300 AMENDMENTS TO THE STATE FIRE CODE APPROVED BY THE BOARD OF FIRE CONTROL**

Statutory Authority: RSA 153:5

Bfc 301	Purpose
Bfc 302	Fire Prevention Code, NFPA 1
Bfc 303	Life Safety Code, NFPA 101
Bfc 304	Fireworks Code, NFPA 1124
Bfc 305	Automotive & Marine Service Station Code, NFPA 30A

**Bfc 301.01 Purpose**

- (a) The purpose of these rules is to publish the amendments to the state fire code adopted by the board of fire control pursuant to Bfc 200.

**Bfc 302.01 Amendments to the Fire Prevention Code.**

- (a) The following sections of NFPA 1 shall be excluded from incorporation pursuant to these rules:

- (1) Section 1-10 Board of Appeals;
- (2) Section 1-13 Certificates of Fitness;
- (3) Section 10.14.11 Crop Maze;
- (4) Section 65.2 Fireworks Displays; and
- (5) NFPA 5000 in its entirety as adopted by reference.

- (b) Section 13.3.2.20.1 of NFPA 1 shall be amended to insert the following exception:

“Exception: Detached one and 2-family dwellings are exempt from the automatic fire sprinkler requirements as set forth in 13.3.2.20.1.”

- (c) Amend Chapter 2.2 of NFPA 1 to include NFPA 914, Code for Fire Protection of Historic Structures, 2010 edition.

- (d) Amend Chapter 2.2 of NFPA 1 to include NFPA 1124, Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles, 2006 edition subject to the exceptions and amendments in Bfc 304.01.

Bfc 303.01 Amendments to the Life Safety Code.

(a) Section 14.7.2.3 and Section 15.7.2.3 of NFPA 101 shall be amended to read as follows:

“Emergency egress and relocation drills shall be conducted as follows:

(1) At least one emergency egress and relocation drill shall be conducted every month the facility is in session, including summer school;

a. Exception No. 1: In climates where the weather is severe, the monthly emergency egress and relocation drills shall be permitted to be deferred provided that the required number of emergency egress and relocation drills is achieved and at least 4 are conducted before the drills are deferred; and

b. Exception No.2: With the approval of the local fire official and in concert with RSA 189:64, at least 4 of the required emergency egress and relocation drills shall be replaced by drills that test emergency response to hazards such as earthquakes, hurricanes, floods, bomb threats, and domestic terrorism. No required emergency egress and relocation drills shall be replaced by hazard drills unless an emergency response plan is submitted to the local fire official and the New Hampshire Office of Emergency Management;

(2) All occupants of the building shall participate in the drill; and

(3) One additional emergency egress and relocation drill, other than for educational occupancies that are open on a year-round basis, shall be required within the first 30 days of operation”.

(b) Section 14.4.4 and Section 15.4.4 of NFPA 101 shall be amended by adding the following:

(7) “Dispensers installed over carpeted floors in non-sprinklered rooms and spaces shall be permitted, provided that there is an impervious, non-combustible surface of at least two feet by two feet in size installed directly below each dispenser that has been permanently affixed to the floor of the structure”.

(c) Section 24.2.5.1 of NFPA 101 shall be amended to read as follows:

(1) “Section 24.2.5.1 Stairs ramps, guards and handrails shall be in accordance with 7.2.2 for stairs, 7.2.2.4 for guards and 7.2.5 for ramps, as modified by 24.2.5.1.1 through 24.2.5.1.3.”

(d) Section 24.2.5 of NFPA 101 shall be amended to insert new sections 24.2.5.1.4, 24.2.5.1.5, 24.2.5.1.6 and 24.2.5.1.7 to read as follows:

(1) "Section 24.2.5.1.4 Riser heights not exceeding 209 mm (8 1/4 in) and tread depths of not less than 229mm (9 in.) shall be permitted for stairs in new construction;"

(2) "Section 24.2.5.1.5 Porches, balconies or raised floor surfaces located more than 762 mm (30 in.) above the floor or grade below shall have guards not less than 914mm (36 in.) in height. Open sides of stairs with a total rise of more than 762mm (30 in.) above the floor or grade below shall have a guard not less than 864mm (34 in.) in height measured vertically from the nose of the treads;"

(3) "Section 24.2.5.1.6 Handrails shall be permitted to be on one side of the stairs in new construction when the stair width is 965mm (38 in.);" and

(4) "Section 24.2.5.1.7 New handrails shall be installed to provide a clearance of not less than 2 ¼ inches (57mm) between the handrail and the wall to which it is fastened."

(e) Section 30.2.2.3.1 and Section 31.2.2.3.1 of NFPA 101 shall be amended to insert the following exception:

(1) "Exception: Within any individual dwelling unit stairs complying with Section 24.2.5.1 as amended shall be permitted."

(f) Section 24.3.5.1 of NFPA 101 shall be amended to insert the following exception:

"24.3.5.1 Exception: Detached one and 2-family dwellings are exempt from the automatic fire sprinkler requirements as set forth in 24.3.5.1".

#### Bfc 304.01 AMENDMENTS TO THE FIREWORKS CODE

(a) The following sections of NFPA 1124 shall be excluded from incorporation pursuant to these rules:

(1) Section 6.4.3, 7.4.4, 7.4.4.1, 7.4.4.2 Multiple Tenant Buildings; and

(2) Section 7.5.1.1, 7.5.1.1(1), 7.5.1.1(2) General.

(b) Chapter 2 – Referenced Publications shall be amended to read as follows:

Referenced publications shall align with all documents adopted by reference in RSA 153:1, VI-a and RSA 153:5.

(c) Section 6.5.1 and 7.3.6 of NFPA 1124 shall be amended to read as follows:

Automatic Fire Sprinkler Systems. An approved automatic fire sprinkler system shall be installed in all consumer firework retail sales and storage facilities. The required fire

sprinkler system shall be designed to Extra Hazard Group 1 and installed in accordance with the state fire code.

(d) Sections 6.5.1.2, 7.3.9, 7.4.5.3, 7.5.4 of NFPA 1124 shall be replaced with the following:

Fire Alarm System. A fire alarm system shall be provided in all consumer fireworks retail sales and storage facilities. The fire alarm system shall include a public address system and a means for manually activating audible and visible alarm indicating devices located throughout the facility, and shall include smoke detection devices located in all areas and installed in accordance with the state fire code. The public address system shall be installed at a constantly attended location by store staff when the facility or store is occupied.

(e) Section 6.5.3 and 7.3.10.2 shall be replaced with the following:

Smoke Control. Smoke and heat vents designed and installed in accordance with the state fire code, shall be provided in all new permissible fireworks retail sales and storage facilities.

#### Bfc 305.01 AMENDMENTS TO THE CODE FOR MOTOR FUEL DISPENSING FACILITIES AND REPAIR GARAGES

(a) Section 9.5.6, of NFPA 30A shall be amended to read: “An approved automatic fire suppression system shall be installed to protect all pump and dispensing areas in all new unattended self-service stations. Activation of the automatic fire suppression system will automatically transmit an alarm to an alarm receiving point approved by the local fire official. A manual fire alarm station that transmits an alarm to the approved alarm receiving point shall be located in immediate proximity to the emergency electrical disconnect specified in Section 6.7.2.”

**PART Bfc 400 AMENDMENTS TO THE STATE FIRE CODE RATIFIED BY THE LEGISLATURE**

Statutory Authority: RSA 153:5

<b>Bfc 401</b>	<b>Purpose</b>
<b>Bfc 402</b>	<b>Fire Prevention Code, NFPA 1</b>

**Bfc 401.01 PURPOSE**

- (a) The purpose of these rules is to publish the amendments to the state fire code adopted by the board of fire control pursuant to Bfc 200 and ratified by the Legislature.

**Bfc 402.01 AMENDMENTS TO THE FIRE PREVENTION CODE**

- (a) Amend NFPA 1 20.11.4.7 floor assemblies having been protected by an alternative method that has been evaluated as meeting the criteria for alternative methods of construction as outlined in NFPA 1 Section 1.4.1 and/or Section 1.4.2.
- (b) Amend NFPA 1 20.11.4.8 protection in accordance with NFPA 1 20.11.4 shall not be required until eighteen months after the effective date of New Hampshire's adoption of NFPA 1, 2015 edition.