I. Introduction

This is the Fall 2016 Report of the Motions Committee listing Certified Amending Motions that may be presented at the 2017 NFPA Technical Meeting (Tech Session) in Boston, Massachusetts on June 4-7, 2017. This Report incorporates the actions taken by the NFPA Motions Committee on Fall 2016 Revision Cycle Standards dated September 29, 2016. The Motions Committee, consisting of NFPA Standards Council Members Randall Bradley, James Golinveaux, Bonnie Manley, Daniel O’Connor, Richard Owen, John Rickard (Chair) and Michael Snyder has been appointed by the Chair of the Standards Council to certify proper amending motions and otherwise review and act, in accordance with 2.1 through 2.7 of the NFPA Technical Meeting Convention Rules (Convention Rules), on Notices of Intent to Make a Motion (NITMAMs) that have been submitted on NFPA codes and standards (Standards), and processed in the Fall 2016 Revision Cycle.

Under NFPA Regulations, persons wishing to make an allowable amending motion at an NFPA Technical Meeting must declare the intention to do so by filing, within the published deadlines, a NITMAM setting forth information about the intended motion. The Motions Committee, in accordance with NFPA Regulations, reviews each NITMAM to determine whether the intended motion is a proper motion. The Motions Committee can also, in consultation with the submitter of the NITMAM, clarify the intent of, and, if appropriate, restate the motion. Additionally, in prescribed circumstances, group motions that are dependent upon one another may be made as a single motion. Furthermore, the Motions Committee may take such other action or make such other recommendations as will facilitate the fair and efficient consideration of motions within the available time of the Tech Session. The Motions Committee certifies, for presentation at the appropriate NFPA Technical Meeting, all proper Amending Motions either as submitted or as clarified, restated or grouped, as explained above. Following certification of motions, the Motions Committee publishes a report setting forth, at a minimum, each Certified Amending Motion, the person(s) authorized to make such motions, and the recommended order in which motions should be entertained. The Report may include Motions Committee notes or comments to assist the Presiding Officer or facilitating the understanding of or the orderly and efficient consideration of the motion if presented at the NFPA Technical Meeting.

The Certified Amending Motions for the Fall 2016 Revision Cycle are summarized in Part II of this Report; Part III of this Report lists “Consent Standards” in the Fall 2016 Revision Cycle that have no Certified Amending Motions. Table A summarizes the Fall 2016 Revision Motions that were certified.

In reviewing this Report, the following should be considered:

* In the event that any corrections to or revisions of this Report become necessary, updates will be posted on the NFPA Website at www.nfpa.org.
The only Amending Motions allowed at an NFPA Technical Meeting are Certified Amending Motions set forth in a report of the Motions Committee and any Follow-Up Motions (i.e. motions that may become necessary as a result of a previous successful Amending Motion). (See Convention Rules at 3.4.4.)

Certified Amending Motions at the NFPA Technical Meeting can only be made by person(s) listed in this Report as authorized to make the motion, or by persons designated in writing to the Standards Council Secretary as the Designated Representative. See Regulations Governing the Development of NFPA Standards (Regulations) at 4.5.3.5(c).

The Certified Amending Motions set forth in this Report are proper and permissible; they will, however, only be presented for the consideration of the membership at the 2017 NFPA Technical Meeting (Tech Session) if a person authorized to make the motion (or Designated Representative) physically appears, signs in no later than one hour before the beginning of the Tech Session (see Convention Rules at 2.7), and makes the motion in accordance with NFPA Regulations.

The information presented above provides a general introduction to some of the relevant features of the NITMAM process and the presentation of Certified Amending Motions. For complete information of the process, participants should consult the Regulations and the Convention Rules. The requirements for the submission of NITMAMs and the Certification of Amending Motions can be found at 2.0 of the Convention Rules and 4.5 of the Regulations. Membership action at NFPA Technical Meetings is detailed in the Convention Rules and in 4.5.3 of the Regulations (published in the 2016 NFPA Standards Directory and available on the NFPA website at www.nfpa.org). For additional information about the NFPA standards development process, consult the NFPA website or contact NFPA Codes & Standards Administration Department at 617-984-7248.

II. Certified Amending Motions

Of the NFPA Standards processed in the Fall 2016 Revision Cycle, four documents have Certified Amending Motions which may be presented for action at the June 2017 NFPA Technical Meeting in Boston, Massachusetts, they are as follows:

Fall 2016 Revision Cycle Standards

NFPA 10      Standard for Portable Fire Extinguishers
NFPA 730     Guide for Premises Security
NFPA 1403    Standard on Live Fire Training Evolutions

Note: In accordance with 1.6.2(a) of the Regulations, anyone who is dissatisfied with the results of the floor motions at the June 2017 NFPA Technical Meeting or the result of the Technical Committee amendment ballots [see Regulations at 1.6.2(b)] has the right to appeal the results. Appeals shall be filed no later than twenty days following the NFPA Technical Meeting at which Association action on the issuance of the Standard was recommended. The final date to file any such appeal is June 27, 2017.

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III. Consent Standards

The following standard had previously been designated as a Consent Standard and issued by the Standards Council with and issuance date of June 7, 2016 and an effective date of June 22, 2016.

NFPA 501A  Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities

The following two standards had previously been designated as Consent Standards and issued by the Standards Council with and issuance date of July 19, 2016 and an effective date of August 8, 2016.

NFPA 408  Standard for Aircraft Hand Portable Fire Extinguishers
NFPA 1000  Standard for Fire Service Professional Qualifications Accreditation and Certification Systems

The following standard had previously been designated as Consent Standards and issued by the Standards Council with and issuance date of August 7, 2016 and an effective date of August 27, 2016.

NFPA 288  Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies

The following thirty-two additional standards have been determined by the Motions Committee to be Consent Standards and shall be forwarded to the Standards Council for balloting. In accordance with 1.6.2(a) of the Regulations, a fifteen day appeal period follows the publication date of this Report in which one may file an appeal related to the issuance of the Consent Standards listed below. The filing deadline for such appeal is November 1, 2016.

NFPA 17  Standard for Dry Chemical Extinguishing Systems
NFPA 17A  Standard for Wet Chemical Extinguishing Systems
NFPA 18  Standard on Wetting Agents
NFPA 18A  Standard on Water Additives for Fire Control and Vapor Mitigation
NFPA 36  Standard on Solvent Extraction Plants
NFPA 56  Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems
NFPA 96  Standard on Ventilation Control and Fire Protection of Commercial Cooking Operations
NFPA 225  Model Manufactured Home Installation Standard
NFPA 252  Standard Methods of Fire Tests of Door Assemblies
NFPA 257  Standard on Fire Test for Window and Glass Block Assemblies
NFPA 269  Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling
NFPA 275  Standard Method of Fire Tests for the Evaluation of Thermal Barriers

* In the event that any corrections to or revisions of this Report become necessary, updates will be posted on the NFPA Website at www.nfpa.org.
NFPA 385  Standard for Tank Vehicles for Flammable and Combustible Liquids
NFPA 475  Recommended Practice for Responding to Hazardous Materials Incidents/Weapons of Mass Destruction
NFPA 501  Standard on Manufactured Housing
NFPA 550  Guide to the Fire Safety Concepts Tree
NFPA 655  Standard for Prevention of Sulfur Fires and Explosions
NFPA 731  Standard for the Installation of Electronic Premises Security Systems
NFPA 921  Guide for Fire and Explosion Investigations
NFPA 1002  Standard for Fire Apparatus Driver/Operator Professional Qualifications
NFPA 1006  Standard for Technical Rescuer Professional Qualifications
NFPA 1150  Standard on Foam Chemicals for Fires in Class A Fuels
NFPA 1401  Recommended Practice for Fire Service Training Reports and Records
NFPA 1616  Standard on Mass Evacuation and Sheltering Program
NFPA 1670  Standard on Operations and Training for Technical Search and Rescue Incidents
NFPA 1911  Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus
NFPA 1983  Standard on Life Safety Rope and Equipment for Emergency Services
NFPA 1986  Standard on Respiratory Protection Equipment for Technical and Tactical Operations

The anticipated issuance date for these consent standards is **November 11, 2016** with an effective date of **December 1, 2016**.

* In the event that any corrections to or revisions of this Report become necessary, updates will be posted on the NFPA Website at www.nfpa.org.
# Table A

| NFPA 10, Standard for Portable Fire Extinguishers | 1 |
| NFPA 730, Guide for Premises Security | 1 |
| NFPA 1403, Standard on Live Fire Training Evolutions | 1 |

**Technical Meeting Schedule:**
- Wednesday, June 7, 2017 starts at 8:00 AM

**Special Note:**
The NFPA Conference and Expo on June 4-7, 2017 in Boston Massachusetts constitutes the fourth NFPA Technical Meeting (Tech Session) under the *Regulations Governing the Development of NFPA Standards* (Regs). Please note that under the current process, there will be no hard copies of the Technical Committee records (First Draft Report and Second Draft Report provided at the Tech Session). In addition to the Tech Session Agenda, which incorporates both the Fall and Annual Final Motions Committee Reports, the complete Technical Committee records (First Draft Report and Second Draft Report) including all changes to the appropriate NFPA Standard, can be found on the next edition tab of the specific Document Information page, [http://www.nfpa.org/document#](http://www.nfpa.org/document#).
Certified Amending Motions (CAMs)

This Report contains Certified Amending Motions (CAMs) for NFPA Standards in the Fall 2016 revision cycle that will be considered at the June, 2017 NFPA Technical Meeting (Tech Session). These motions have been certified and determined as proper by the Motions Committee in accordance with the Regulations Governing the Development of NFPA Standards (Regs) and the NFPA Technical Meeting Convention Rules (Convention Rules). Although the motions as certified will not change, the manner in which they are presented, their layout, and the accompanying supportive material may be modified (solely for presentation), removed or added to. Please make note of, and take into consideration, the following:

1) Report Sections.
   The Motions are displayed via two distinct sections which are as follows:
   I. CAM Overview. Page 7 lists all the CAMs for NFPA 10 that can be pursued at the Tech Session. It includes a reference to the pages containing text that illustrates the potential impact of the CAMs if they were to pass or fail. This page is repeated for all other Fall 2016 Standards being considered at the Tech Session.
   II. Effect of CAMs. Page 8 displays the potential text of NFPA 10 if Motion Seq # 10-1 were to pass or fail. These pages immediately proceed the applicable CAM Overview page and follow the same order as the motion sequence numbers (Motion Seq #). The impact of a successful CAM on the Second Draft text is shown legislatively. The effect of an unsuccessful motion is illustrated by simply showing the applicable Second Draft text, without legislative changes. Please see below the editorial legend used throughout these sections.

   Draft text is displayed as follows:
   (Strikethrough: indicates the deletion of text)
   (Underline: indicates the addition of text)

2) Editorial Renumbering.
   The text, which illustrates the certified amending motion, is derived from the First Draft Report and Second Draft Report. As a result, the section numbers and other materials relating to formatting are subject to change based on the final recommendations of the entire standards development process.

3) NFPA Technical Meeting Consideration.
   The material provided in this Report is intended to illustrate the potential impact of a successful or unsuccessful Amending Motion on the text of an NFPA Standard. The amendment is based on the recommendation of the NFPA membership when an Amending Motion is filed and presented in accordance with the Regulations Governing the Development of NFPA Standards (Regs). IMPORTANT NOTE: The text as recommended by the NFPA membership is subject to the entire standards development process. Therefore, the standard, recommended amendment, and associated text cannot be considered final until the responsible committee(s) are balloted, where required by the Regs, and the standard is issued by the Standards Council. Per Table 1 of the Regs, any failed Ballot will result in a recommendation to return the related text to previous edition text.
<table>
<thead>
<tr>
<th>Motion Seq #</th>
<th>NITMAM Log #</th>
<th>Section/Para</th>
<th>Person(s) Authorized to Make the Motion</th>
<th>Certified Amending Motion**</th>
<th>Motion Page #</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-1</td>
<td>5</td>
<td>6.1.3.10.6</td>
<td>James Peterkin, TLC Engineering</td>
<td>Reject Second Revision No. 4, including any related portions of FR No. 31</td>
<td>8</td>
</tr>
</tbody>
</table>

† Designated Representative in accordance with 4.5.3.5(c) and/or 4.5.3.6 of NFPA’s Regulations Governing the Development of NFPA Standards.

**In describing the Certified Amending Motion and in the Motions Committee Notes and Comments, the Motions Committee sometimes summarizes or displays the results of the certified amending motions under consideration. The actual Revisions and/or Public Comments related to the motion should, however, be consulted for a complete description of the precise text and associated statements.
<table>
<thead>
<tr>
<th>Motion Seq#</th>
<th>Certified Amending Motion: Reject Second Revision No. 4, including any related portions of First Revision No. 31</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Recommended Text if Motion Passes:</strong></td>
</tr>
<tr>
<td></td>
<td>6.1.3.10.6* For fire resistance–rated walls, only surface-mounted cabinets or listed fire-rated cabinets shall be installed.</td>
</tr>
<tr>
<td></td>
<td><strong>A.6.1.3.10.6</strong> Certain fire resistance–rated cabinets are intended for installation into fire resistance–rated walls. Cabinets that are not fire resistance–rated make the entire fire resistance–rated wall noncompliant, so only surface-mounted cabinets or fire resistance–rated cabinets are appropriate for installation in fire resistance–rated walls.</td>
</tr>
<tr>
<td>10 - 1</td>
<td><strong>Recommended Text if Motion Fails (Second Draft Text):</strong></td>
</tr>
<tr>
<td></td>
<td>6.1.3.10.6* For fire resistance–rated walls, only surface-mounted cabinets or listed fire-rated cabinets shall be installed.</td>
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</table>
### Certified Amending Motion (CAM) Overview

<table>
<thead>
<tr>
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<th>NITMAM Log #</th>
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<th>Person(s) Authorized to Make the Motion</th>
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<th>Motion Page #</th>
</tr>
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<tbody>
<tr>
<td>285-1</td>
<td>6</td>
<td>5.7.3</td>
<td>Jesse Beitel, Jensen Hughes</td>
<td>Reject Second Revision No. 3, including any related portions of First Revision No. 8</td>
<td>10</td>
</tr>
</tbody>
</table>

† Designated Representative in accordance with 4.5.3.5(c) and/or 4.5.3.6 of NFPA’s *Regulations Governing the Development of NFPA Standards.*

**In describing the Certified Amending Motion and in the Motions Committee Notes and Comments, the Motions Committee sometimes summarizes or displays the results of the certified amending motions under consideration. The actual Revisions and/or Public Comments related to the motion should, however, be consulted for a complete description of the precise text and associated statements.
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<tr>
<th>Motion Seq#</th>
<th>Certified Amending Motion: Reject Second Revision No. 3, including any related portions of First Revision No. 8</th>
</tr>
</thead>
</table>
|            | **Recommended Text if Motion Passes:** (returns to previous edition text)**5.7.3** Where the test specimen contains vertical or horizontal joints or seams, joints or seams representative of standard construction practices shall be incorporated into the test specimen.  
**5.7.3.1** Joints or seams representative of standard construction practices shall be incorporated into the test specimen.  
**5.7.3.2** At least one horizontal joint or seam shall be located not more than 36 in. (0.91 m) above the window opening.  
**5.7.3.3** At least one vertical joint or seam shall extend upward from ±13 in. (0.33 m) of the center of the window opening width. |
|            | **Recommended Text if Motion Fails (Second Draft Text):**  
**5.7.3**  
**5.7.3.1** Joints or seams representative of standard construction practices shall be incorporated into the test specimen.  
**5.7.3.2** At least one horizontal joint or seam shall be located not more than 36 in. (0.91 m) above the window opening.  
**5.7.3.3** At least one vertical joint or seam shall extend upward from ±13 in. (0.33 m) of the center of the window opening width. |
**Certified Amending Motion (CAM) Overview**

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<th>Motion Page #</th>
</tr>
</thead>
<tbody>
<tr>
<td>730-1</td>
<td>1</td>
<td>11.2.1.3</td>
<td>Michael Devore, State Farm Insurance Company</td>
<td>Accept Public Comment No. 16</td>
<td>12</td>
</tr>
</tbody>
</table>

† Designated Representative in accordance with 4.5.3.5(c) and/or 4.5.3.6 of NFPA’s *Regulations Governing the Development of NFPA Standards.*

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<tr>
<th>Motion Seq#</th>
<th>Certified Amending Motion: Accept Public Comment No. 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>730 - 1</td>
<td><strong>Recommended Text if Motion Passes:</strong></td>
</tr>
<tr>
<td></td>
<td>11.2.1.3 Visitors.</td>
</tr>
<tr>
<td></td>
<td>11.2.1.3.1* All visitors should enter buildings through a monitored and designated visitor entrance(s).</td>
</tr>
<tr>
<td></td>
<td>11.2.1.3.2 All visitors should be issued school visitor identification.</td>
</tr>
<tr>
<td></td>
<td>11.2.1.3.3 All visitors should be required to show government issued, photo identification to a staff member to be issued school visitor identification.</td>
</tr>
<tr>
<td></td>
<td>11.2.1.3.4 All visitors should be required to wear school visitor identification visible at all times.</td>
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<td><strong>Recommended Text if Motion Fails (Second Draft Text):</strong></td>
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<td>-------------</td>
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</tr>
<tr>
<td>1403-1</td>
<td>4</td>
</tr>
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</table>

† Designated Representative in accordance with 4.5.3.5(c) and/or 4.5.3.6 of NFPA’s Regulations Governing the Development of NFPA Standards.

**In describing the Certified Amending Motion and in the Motions Committee Notes and Comments, the Motions Committee sometimes summarizes or displays the results of the certified amending motions under consideration. The actual Revisions and/or Public Comments related to the motion should, however, be consulted for a complete description of the precise text and associated statements.
Certified Amending Motion: Accept Public Comment No. 7

Recommended Text if Motion Passes:

4.4 Participant Health and Safety
4.4.1 Participants engaged in strenuous physical activity during live fire training shall be limited to a maximum of four (4) sessions, or evolutions, of a duration of a maximum of 20 minutes each, in a high-temperature environment per day. Instructors and participants shall be rehabbed in accordance with the provisions of NFPA 1584, Chapter 6.

4.4.1.1* A high-temperature environment shall be considered to be weather conditions that result in a Temperature Humidity Index (THI or Heat Index) of more than 90°F (32°C).

A.4.4.1.1 NOAA (National Weather Service) Temperature Humidity Index Chart

4.4.2* Participants in live fire training sessions (evolutions) in a high-temperature environment shall be given a period of rest, after each session or evolution, to allow for proper rehydration and reduction of core body temperatures to normal levels in compliance with Chapter 6 of NFPA 1584, Standard on the Rehabilitation Process for Members During Emergency Operations and Training Exercises. When assessing the length and number of live fire training sessions (evolutions) conducted in a training day, the following shall be taken into account:
1. Nature of the work to be performed by the participant,
2. Physical stress of the work on the participant,
3. Temperature of the work and evolution environment
4. Exposure time in a high temperature environment, and
5. Other circumstances (e.g. weather, heat index).

A.4.4.2 Consideration should be given to the accumulated physiological effects on each participant when working in a high-temperature environment. If the work in high-temperature environment is highly physically demanding, at heat index values greater than 102°F, or if other circumstances apply, rest periods should be longer. Further guidance and information may be obtained in "Health and Safety Guidelines for Fire Fighter Training", University of Maryland, Center for Fire Fighter Safety Research and Development, Maryland Fire and Rescue Institute, College Park, Maryland.

4.4.3* Participants in live fire training sessions (evolutions) shall not be required to work in high-temperature environments on consecutive days when the heat index is greater than 102°F.

A.4.4.3 International study data, conducted both in the United States and United Kingdom, on the physiological effects of live fire training on fire fighters tend to indicate that in a longer perspective, frequent exposure to high-temperature environments, can result in health risks to participants engaged in live fire training.

4.4.4* Live fire training sessions (evolutions) consisting of strenuous physical activity shall be monitored and not exceed 20 minutes in duration.

A.4.4.4 When assessing the length and number of live fire training sessions (evolutions) conducted in a training day, the following shall be taken into account:
1. Nature of the work to be performed by the participant,
2. Physical stress of the work on the participant,
3. Temperature of the work and evolution environment
4. Exposure time in a high-temperature environment, and
5. Other circumstances (e.g. weather, heat index).

Further guidance and information may be obtained in "Health and Safety Guidelines for Fire Fighter Training", University of Maryland, Center for Fire fighter Safety Research and Development, Maryland Fire and Rescue Institute, College Park, Maryland.

**Recommended Text if Motion Fails (Second Draft Text):**

4.4 Participant Health and Safety.
4.4.1 Instructors and participants shall be rehabbed in accordance with the provisions of NFPA 1584, Chapter 6.
4.4.2* When assessing the length and number of live fire training sessions (evolutions) conducted in a training day, the following shall be taken into account:
1. Nature of the work to be performed by the participant,
2. Physical stress of the work on the participant,
3. Temperature of the work and evolution environment
4. Exposure time in a high-temperature environment, and
5. Other circumstances (e.g. weather, heat index).
A.4.4.2 Further guidance and information may be obtained in "Health and Safety Guidelines for Fire Fighter Training", University of Maryland, Center for Fire Fighter Safety Research and Development, Maryland Fire and Rescue Institute, College Park, Maryland.