Second Draft Meeting of the Correlating Committee on Fire and Emergency Services
Protective Clothing and Equipment
May 16, 2016
Adobe Connect/Teleconference
Agenda

- Introduction: Bill Haskell, Chair – 11:30 a.m.
- Introductions by Members and Guests
- NFPA Staff Liaison Report – Chris Farrell
- Approval of Minutes from the January 7-8, 2016 Meeting, New Orleans, LA
- Chairman’s Remarks – Bill Haskell
- PPE Project Reorganization, The Next Steps in the Process
  - 1983 – Jeremy Metz, FAE-SCE Chair
  - 1986 – Brian Montgomery, FAE-TTO Chair
  - 1992 – Christina Baxter/Jeff Stull, FAE-HAZ, Chair & Principal Member
  - 1994 – Christina Baxter/Jeff Stull, FAE-HAZ, Chair & Principal Member
- ISO Committee Updates – Dave Mathews & Russ Shepard
- Firefighter Hazard Environment Task Group Update – Dan Rossos, TG Chair
- NFPA TC on Fire Hose & Operational Environment Task Group – Andrew Ellison, FHS-AAA Chair
- Workshop on Fire Hose in Support of the Technical Committee – Andrew Ellison, FHS-AAA Chair
- Project Definitions Task Group Update – Karen Lehtonen, TG Chair
• Technical Committee Chair Reports
  o TC on ELS: R. Athanas
  o TC on EMS: T. Hock
  o TC on HAZ: C. Baxter
  o TC on RPE: D. Rossos
  o TC on SCE: J. Metz
  o TC on SPF: S. King
  o TC on TTO: B. Montgomery
  o TC on WFF: R Swan

• Old Business
• New Business
• Next Correlating Committee Meeting, dates and location
• Adjourn – 3:30pm
MINUTES OF THE MEETING
NFPA CORRELATING COMMITTEE ON
FIRE AND EMERGENCY SERVICES
PROTECTIVE CLOTHING AND EQUIPMENT

NFPA 1801, 1999, 1951, and 1971 First Draft MEETING

New Orleans, Louisiana
January 7-8, 2016

7 January 2016

Agenda Items 1 and 2: Call to Order, Roll Call of Members and Guests

Correlating Committee Chairman Bill Haskell called the meeting to order at 8:00 a.m. and a roll call of members was conducted. Guests were asked to identify themselves. The following members and guests were present:

Principal Members, Alternates (A), and Non-voting (NV) members present:

- Bill Haskell, Chairman (NIOSH-NPPTL)
- Ben Mauti, Secretary (A) (Compressed Gas Association)
- Chris Farrell, Staff Liaison (NFPA)
- Joseph Arrington (San Antonio Fire Department)
- Roger Barker (North Carolina State University)
- Steve Corrado (Underwriters Laboratories, Inc.)
- Cristine Fargo (ISEA)
- Robert Freese (Globe Manufacturing Company)
- Patricia Gleason (Safety Equipment Institute)
- Beverly Gulledge (Tyco/Scott)
- David Haston (USDA)
- Tricia Hock (NV) (TC on Emergency Medical Services PC&E)
- Thomas Hosea (US Department of the Navy)
- Stephen King (NV) (Telephone) (TC on Structural and Proximity Fire PC&E)
- Karen Lehtonen (Lion Apparel, Inc.)
- David Matthews (International Standards Organization)
- Mike McKenna (Michael McKenna & Associates, LLC)
- Jeremy Metz (NV) (TC on Special Operations PC&E)
- Jack Reall (Columbus Firefighters Union)
- Dan Rossos (NV) (TC on Respiratory Protection Equipment)
- Russell Shephard (A) (International Standards Organization)
- Jeff Stull (International Personal Protection, Inc.)
- Rick Swan (NV) (TC on Wildland Fire Fighting PC&E)
- Robert Tutterow (FIERO / NFPA Fire Service Section)
- William Van Lent (FEMSA)
- Bruce Varner (International Fire Service Training)
- Harry Winer (HIP Consulting LLC)

Guests Present:
Chairman Haskell welcomed the committee and did not have any additional remarks.

**Agenda Item 3: Welcome remarks from Ken Willette, Division Manager / Public Fire Protection**

Ken provided welcoming remarks to the committee, including an update on staff reassignment.

**Agenda Item 4: NFPA Staff Liaison Report: Chris Farrell**

NFPA Staff Liaison Chris Farrell provided his report. Focus topics included the contents of meeting minutes, upcoming correlating committee meetings, and how the process for Second Correlating Revisions.

**Action Item:** Chairman Haskell requested a conference call between the NFPA, Committee Chairs, and Secretaries to provide clarity on the content of meeting minutes.

**Agenda Item 5: PPE Project Reorganization: Chris Farrell**

Chris presented a proposal for reorganization of the PPE project (presentation available upon request).

**Action Item:** Chris will create a list of all test methods and preconditioning requirements throughout the PPE project.

**Agenda Item 6: Approval of minutes from July 8, 2015 CC Teleconference**

**Action Item:** The committee agreed to keep separate “Chairman’s” minutes, allowable under Robert’s Rules of Order.

**Agenda Item 7: Chairman’s Remarks**

Chairman Haskell shared his remarks with the committee.

**Agenda Item 8: ISO Presentations**
Russell Shepherd provided an update on ISO SC14. David Matthews provided an update on ISO SC13. Their presentations are available upon request.

**Agenda Item 9: Ground Robots and Drones: Velin Dimitrov**

This agenda item was not covered.

**Agenda Item 10: NFPA TC on Fire Hose, Operational Environment Task Group: Andrew Ellison**

Andrew Ellison provided an update of the ongoing work regarding the operational environment for fire hose. They are investigating the need for heat and flame resistance test methods, among other items. This is a new directive due to recent allegations regarding potential fire hose burn through.

**Action:** Harry Winter volunteered to help Andrew and the committee with their test method development.

**Agenda Item 11: Firefighter Hazard Environment: Dan Rossos**

Dan provided an update on his work on this topic, including a NFPA Research Foundation project request that was submitted. Dan noted that there is currently nothing in the CC scope that directs the committee to pursue interoperability between the PPE covered by the project. A proposal was made to modify the committee scope to include the following language:

*The Correlating Committee shall consider interoperability and compatibility of the elements of the entire PPE ensemble while creating these documents.*

**Action:** The CC agreed to create a Task Group to address this topic, comprised of the following members: Dan Rossos (Chair), Rick Swan, Bob Athanas, Brian Montgomery, Bill Haskell, Roger Barker, Marni Schmid, Jeff Stull, and Russell Shepherd.

**Agenda Item 12: NFPA label as applied to radios: Bob Athanas**

Bruce Varner covered this agenda item on behalf of Bob Athanas. The TC is trying to determine how to apply the NFPA label requirements, given the small amount of space on a handheld radio. Steve Corrado recommended looking at NFPA 1983 as a possible benchmark, as it includes label provisions for small carabiners.

**Agenda Item 13: NFFF 2016 Research Agenda: Bruce Varner / Bill Haskell**

Bruce and Bill reviewed the research agenda with the Correlating Committee. (Presentation available upon request).

**Agenda Item 14: New selection, care and maintenance document to accompany NFPA 1977: Rick Swan**

Rick provided an update on the progress of the new SCAM document to accompany NFPA 1977. The document is close to committee review. The next step is for the TC to submit a request to the Standards Council for document number and standard cycle assignment. The submittal should be made by February 22.

**Agenda Item 15: NFPA 1977 Tentative Interim Amendment, Rick Swan / Steve Corrado**
Rick and Steve reviewed the TIA with the Correlating Committee.

**Agenda Item 16: Water Vapor Resistance (Ret) Test – Application to PC&E Project Standards**

The water vapor resistance has been proposed by multiple Technical Committees and has become a correlating issue. Michael Salvato, Director of Operations for Stedfast, gave a presentation (available upon request) to explain the test. There was significant Correlating Committee discussion on the topic, but no resulting action.

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**Agenda Item 17: Project Definitions: Correlating Committee & Technical Committee Path Forward**

The current definition list is 5-7 years old and needs to be updated because definitions should be the same throughout the entire project.

**Action:** The CC agreed to create a Task Group to address this topic, comprised of the following members: Karen Lehtonen (Chair), Christine Fargo, Steve Corrado, and Pat Gleason. The TG will investigate the list and then provide a proposal to the CC.

**Action:** Chris will investigate whether the NFPA can automatically generate a consolidated list for the Task Group to work with.

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**Agenda Item 18: NFPA standard review**

**NFPA 1801:** Bruce Varner provided a review on behalf of Chairman Athanas. There was additional CC discussion regarding how to make it easy for end users to find certification information.

**Action:** The CC agreed to create a task group to address this topic, comprised of the following members: Pat Gleason (Chair), Steve Corrado, Bruce Varner, Dick Weise, Dan Rossos, Steve Weinstein, Robert Tutterow, and Chris Farrell. The TG scope includes developing proposed SCAM document language, and industry marketing awareness of compliance.

**NFPA 1951:** Jeremy Metz reviewed the standard.

**NFPA 1971:** Steve King reviewed the standard.

**NFPA 1999:** Tricia Hock reviewed the standard. One specific topic discussed was the recognition that by 2018, the ISO 9001, 2008 compliance will not be valid.

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**Agenda Item 19: TC Chair Reports**

- **TC on ELS: R. Athanas:** Bruce Varner provided an update on behalf of Chairman Athanas. Of note is the improvement of PASS audibility. A Task Group was formed and work is ongoing.
- **TC on EMS: T. Hock:** Chairwoman Hock provided an update to the Correlating Committee. Of note is the direction that specific respiratory protection requirements will likely not be included in this version of the standard.
- **TC on HAZ: C. Baxter:** Jeff Stull provided an update on behalf of Chairwoman Baxter (presentation available upon request). Of note is that the committee is moving to 7 classes of HAZMAT / CBRN protective garments. The committee is also considering the combination of NFPA 1991, 1992, and 1994 into a single document during the next revision cycle.
- **TC on RPE: D. Rossos:** Chairman Rossos provided an update to the CC. Of note is the committee’s decision to keep NFPA 1984 active for another edition, even though there are no compliant devices.
Dan reviewed the current Task Groups for NFPA 1981 as well as the open or proposed NFPA Research Foundation projects.

- **TC on SCE: J. Metz**: Chairman Metz provided an update to the CC. Of note is that CBRN requirements have been removed from NFPA 1951.
- **TC on SPF: S. King**: Chairman King provided an update to the CC. CBRN requirements have been removed from NFPA 1971. The committee is investigating requirements for particulate barrier hoods. Annex B was added to explain performance and test methods in lay terms for fire fighters. **Action**: Chairman King asked the CC to consider adding this to other documents within the project. **Action Item**: Robert Tutterow was tasked with putting together a summary of the process that was followed to complete Annex B. This will be used by the CC in consideration of Chairman King’s request.
- **TC on TTO: B. Montgomery**: Bill Haskell provided an update on behalf of Chairman Montgomery. The TC continues to work on the development of NFPA 1986. The TC has also initiated work on a combination unit performance standard.
- **TC on WFF: R. Swan**: Chairman Swan provided an update to the CC. Of note is an upcoming TIA regarding the thread requirements for a single layer garments. If anyone has questions they should Steve Corrado directly.

### Agenda Items 20 and 21: Old Business and New Business

The next Correlating Committee meetings will be tentatively planned as follows:

- **May 16**: Adobe Connect meeting for the Fall 2016 Second Draft Meeting.
- **July 7**: Adobe Connect meeting for the Fall 2017 First Draft Meeting
- **November 2-3**: In person meeting for the Annual 2017 Second Draft Meeting. Downtown San Diego was selected as the first choice for location. Second choice for location is Palm Springs, CA.

Robert Tutterow noted that the next FIERO PPE Symposium is planned for March 20-22 in Raleigh, NC. The call for presentations is open from now until April 30, 2016.

### Agenda Item 22: Adjournment

Chairman Haskell adjourned the meeting at 1400 on 8 January 2016.

Respectfully submitted,

Benjamin A. Mauti, Secretary
MEMORANDUM

TO: Technical Committee on Special Operations Protective Clothing and Equipment

FROM: Yvonne Smith, Project Administrator

DATE: April 26, 2016

SUBJECT: NFPA 1983 Second Draft Technical Committee FINAL Ballot Results (F2016)

According to the final ballot results, all ballot items received the necessary affirmative votes to pass ballot.

24 Members Eligible to Vote
3 Members Not Returned (Hock, McCurley, Paderick)
21 Members Voted Affirmative on All Revisions (1 w/ comment: Lehtonen)
0 Members Voted Negative on one or more Revisions
0 Members Abstained on one or more Revisions

The attached report shows the number of affirmative, negative, and abstaining votes as well as the explanation of the vote for each revision.

To pass ballot, each revision requires: (1) a simple majority of those eligible to vote and (2) an affirmative vote of 2/3 of ballots returned. See Sections 3.3.4.3.(c) and Second Draft reference 4.4.10.1 of the Regulations Governing the Development of NFPA Standards.
Second Revision No. 75-NFPA 1983-2016 [Detail]

8.7.10 (title)
Specific Requirements for Auxiliary Equipment Systems, System Components, Escape Systems, Fire Escape Systems, and Manufactured Systems

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:38:52 EST 2016

Committee Statement

Committee Statement: Correction of terms.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
8.16.8 (title)

Specific Requirements for Testing Fire-Escape Webbing Used in Flame Resistant Life Safety Harnesses and Belts

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jan 11 15:00:12 EST 2016

Committee Statement

Committee Statement:
Correcting term. “Fire Escape Webbing” is separate product category and not applicable here.

Response Message:

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
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<td>Stinton, Robert</td>
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Second Revision No. 93-NFPA 1983-2016 [Detail]

Make the following changes in Chapter 3:

**3.3.47 Load Straps.**

**3.3.47.1 3.3.21 End-to-End Load Straps.** **move as 3.3.21**

Straps with end connection points meant to be loaded in end-to-end fashion, including, but not limited to, pick-off straps, load-releasing straps, or vertical lifting straps.

**3.3.47.2 3.3.56 Multiple Configuration Load Straps.** **move as 3.3.56**

Straps with end connection points that can be configured in multiple loading, including, but not limited to, end-to-end, basket, and choker configurations.

Submitter Information Verification

Submitter Full Name: Sonia Barbosa
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Feb 16 11:36:49 EST 2016

Committee Statement

Committee Statement: Make definition reflect current usage.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Chapter 2 Referenced Publications

2.1 General.
The documents or portions thereof listed in this chapter are referenced within this standard and shall be considered part of the requirements of this document.

2.2 NFPA Publications.
National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

2.3 Other Publications.

2.3.1 AATCC Publications.
American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.

2.3.2 ASTM Publications.
ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

2.3.3 Cordage Institute Publications.
The Cordage Institute, 994 Old Eagle School Road, Suite 1019, Wayne, PA 19087.
CI 1801, Low Stretch and Static Kernmantle Life Safety Rope, 2007.
CI 1805, 3-Strand Life Safety Rope, Moderate Stretch, 2008.
2.3.4 ISO Publications.


2.3.5 SAE International Publications.

SAE International (Society of Automotive Engineers), 400 Commonwealth Drive, Warrendale, PA 15096-0001.


2.3.6 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.


2.3.7 U.S. Government Publications.


2.3.8 Other Publications.


2.4 References for Extracts in Mandatory Sections. (Reserved)

Supplemental Information

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Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 23:51:28 EST 2016
Committee Statement

Committee Statement: Updating references.

Response Message:

Ballot Results

✅ This item has passed ballot

24 Eligible Voters
3 Not Returned
20 Affirmative All
1 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurlery, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert

Affirmative with Comment
Lehtonen, Karen E.

In section 2.3.4 ISO/DIS 9001, Quality Management Systems - Requirements, 2015 should have also been included in addition to the 2008 Edition. Both standards should have been included based on the Correlating Committee direction related to ISO 9001 registration.
3.3.68 Software.

A type of auxiliary equipment that includes, but is flexible textile components of protective clothing or equipment, including, but not limited to, anchor straps, pick-off straps, and rigging slings end-to-end straps and multiple configuration straps.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 09:49:45 EST 2016

Committee Statement

Committee Statement: Providing clear definition for software elements.
Response Message:

Public Comment No. 6-NFPA 1983-2015 [Section No. 3.3.69]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
4.1.6

All compliant products shall also have a product label that meets the requirements specified in Section 5.1 Chapter 5, Product Label Requirements Labeling and Information.

Submitter Information Verification

Submitter Full Name: Chris Farrell  
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 09:51:46 EST 2016

Committee Statement

Committee Statement: Correcting reference
Response Message:

Ballot Results

This item has passed ballot

24  Eligible Voters
3  Not Returned
21  Affirmative All
0  Affirmative with Comments
0  Negative with Comments
0  Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
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Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
4.3.6 Inspection by the certification organization shall include an evaluation of any symbols and pictorial graphic representations used on product labels or in user information, as permitted in 5.1.1.6, 5.2.1.6, 5.3.1.6, 5.4.1.6, 5.5.1.6, 5.6.1.6, 5.7.1.6, 5.8.1.6, and 5.9.1.6, to ensure that the symbols are clearly explained in the product's user information package.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 09:54:06 EST 2016

Committee Statement

Committee Statement: Correcting references.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurlay, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccoli, Richard J.
Corrado, Steven D.
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4.3.7

Inspection by the certification organization shall include a review of the user information required by Section Chapter 5.2, User Information, to ensure that the information has been developed and is available.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 09:55:25 EST 2016

Committee Statement

Committee Statement: Correcting reference.
Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
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Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.2.1.4
All letters shall be at least 1.6 to 2.0 mm (5/64 in.) high.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jan 05 10:03:30 EST 2016

Committee Statement

Committee Statement: Revising letter height makes it consistent with height requirements in rest of document, per FR-12 and P1-60. These changes were submitted and accepted by committee during First Revision meeting but were inadvertently omitted.

Response Message:

Public Comment No. 9-NFPA 1983-2015 [Section No. 5.2.1.4]

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
5.2.1.13
In addition to the compliance and information statements in 5.2.1.8 and 5.2.1.9 and 5.2.1.10 at least the following information shall also be printed on the product label(s) where all letters shall be at least 2 mm (%4 in.) high.

1. Manufacturer’s name, identification, or designation
2. Manufacturer’s address
3. Country of manufacture
4. Manufacturer’s product identification
5. Model, style, lot, or serial number
6. Elongation at 1.35 kN (300 lb)
7. Elongation at 2.7 kN (600 lb)
8. Elongation at 4.4 kN (1000 lb)

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 09:57:05 EST 2016

Committee Statement

Committee Statement: Correcting references.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurler, Loui
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<td><strong>Affirmative All</strong></td>
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<td>Allen, Jason L.</td>
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<td>Smith, Cedric</td>
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<tr>
<td>Stephenson, R. Douglas</td>
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<tr>
<td>Stinton, Robert</td>
</tr>
</tbody>
</table>
5.4.1.4
All letters shall be at least 1.6 \( \frac{2}{5} \) mm (\( \frac{5}{64} \) in.) high.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 06:59:41 EST 2016

Committee Statement

Committee Statement: Changing letter height to be 2.0mm to be consistent with rest of document.
Response Message:
Public Comment No. 10-NFPA 1983-2015 [Section No. 5.4.1.4]

Ballot Results

✅ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurlcy, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.6.1.10
The MBS value of the throwline, which is required in 5.6.1.9 to be stated on the product label, shall be permitted to be any value greater than the actual “pass” requirement value determined by the certification testing in accordance with 7.3.4 7.6.1, but shall not be greater than the calculated MBS.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 10:39:05 EST 2016

Committee Statement

Committee Statement: Correcting reference.
Response Message:

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.6.1.11

The diameter of the throwline, which is required in 5.6.1.8 to be stated on the product label, shall be as determined by the certification organization in accordance with 7.3.2 7.6.2.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 10:42:14 EST 2016

Committee Statement

Committee Statement: Correcting reference.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
| Dunn, Charles S.                |
| Geraghty, Stephen J.          |
| Haskell, III, William E.      |
| Hess, Diane B.                |
| Horn, Gavin P.                |
| Howard, Thomas                |
| Klaren, Kim                   |
| Krause, II, George R.         |
| Lehtonen, Karen E.            |
| Metz, Jeremy                  |
| Nelson, Robert G.             |
| Reall, Jack E.                |
| Smith, Cedric                 |
| Stephenson, R. Douglas        |
| Stinton, Robert               |
5.6.2  **Water Rescue.** Throwline User Information.

The manufacturer of a throwline that is certified as being compliant with this standard shall furnish the purchaser with at least use criteria, inspection procedures, maintenance procedures, and retirement criteria for the product.
5.9.1.11

Where the life safety harness is certified as compliant with nonoptional requirements of this standard and also certified as compliant with the optional flame resistance requirements specified in 6.9.2, and 7.9.6, the following statement shall be printed on the product label:

"MEETS THE LIFE SAFETY HARNESS REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY"

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 11:15:20 EST 2016

Committee Statement

Committee Statement: Added missing reference.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
5.10.1.11

Where the belt is certified as compliant with nonoptional requirements of this standard and also certified as compliant with the optional flame resistance requirements specified in 6.10.2 and 7.10.7, the following statement shall be printed on the product label:

"MEETS THE REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT"
Each belay device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 17:11:52 EST 2016

Committee Statement

Committee Statement: Delete redundant wording.
Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.14.1.3
The product label for the portions of the product label information not specified in 5.14.1.2.1 through 5.14.1.2.4 shall be permitted to be a hang tag affixed to each individual auxiliary equipment item belay device or shall be permitted to be printed on a sheet that is inserted and sealed in the packaging that immediately contains the auxiliary equipment item belay device.
5.15.1.3
The product label for the portions of the product label information not specified in 5.15.1.2.1 through 5.15.1.2.4 shall be permitted to be a hang tag affixed to each individual auxiliary equipment item carabiner and snap link or shall be permitted to be printed on a sheet that is inserted and sealed in the packaging that immediately contains the auxiliary equipment item carabiner and snap link.

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 11:54:49 EST 2016

Committee Statement
Committee Statement: Correcting description to correct item.
Response Message:

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
5.16.1.2.3
Each descent control device shall display at least the minimum rated breaking strength prefaced by the letters “MBS.” The MBS value stated on the product label shall be permitted to be any value greater than the actual “pass” requirement value determined by the certification testing, but shall not be greater than the calculated MBS.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 16:34:32 EST 2016

Committee Statement

Committee Statement: MBS is not evaluated in the document, therefore any reference to it is inappropriate.
Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.16.1.2.4
Each descent control device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 17:16:53 EST 2016

Committee Statement

Committee Statement: Delete redundant wording.
Response Message:

Ballot Results

☑️ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
5.16.1.3

The product label for the portions of the product label information not specified in 5.16.1.2.1 through 5.16.1.2.5 shall be permitted to be a hang tag affixed to each individual auxiliary equipment item descent control device or shall be permitted to be printed on a sheet that is inserted and sealed in the packaging that immediately contains the auxiliary equipment item descent control device.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 11:56:44 EST 2016

Committee Statement

Committee Statement: Correcting description to correct item.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
<table>
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<th>Name</th>
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<td>Stephenson, R. Douglas</td>
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<tr>
<td>Stinton, Robert</td>
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</table>
5.16.2.5

Because the descent control device is tested with a rope or escape webbing, one of the following statements shall be provided in the user instructions:

For rope: "THIS DESCENT CONTROL DEVICE HAS PASSED THE MINIMUM BREAKING STRENGTH MANUFACTURED BY [insert rope manufacturer name, designation, part number, and diameter here]."

For escape webbing: "THIS DESCENT CONTROL DEVICE HAS PASSED THE MINIMUM BREAKING STRENGTH MANUFACTURED BY [insert webbing manufacturer name, designation, part number, and perimeter here]."

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address: [ Not Specified ]
City: [ Not Specified ]
State: [ Not Specified ]
Zip: [ Not Specified ]
Submittal Date: Tue Jan 05 16:38:38 EST 2016

Committee Statement

Committee Statement: Replaced MBS, which is not evaluated, with manner of function test.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
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Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.21.1.2.4
Each rope grab and ascending device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jan 05 17:20:09 EST 2016

Committee Statement

Committee Statement: Delete redundant wording.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
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<td>Smith, Cedric</td>
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<td>Stephenson, R. Douglas</td>
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<tr>
<td>Stinton, Robert</td>
</tr>
</tbody>
</table>
5.23.1.2.2
Each load-bearing hardware escape system component shall display the mark or logo of the certification organization and the manufacturer’s name or identifying mark.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 12:17:23 EST 2016

Committee Statement

Committee Statement: The mark of the certification organization is required on the product label (see 5.23.1.8). The listing mark on each load bearing component can be misleading in that it can appear that each component has met the individual component requirements of NFPA 1983. This is not the case as systems are tested as systems and not as individual components.

Response Message:

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
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Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 64-NFPA 1983-2016 [ Sections 5.23.1.2.3, 5.23.1.2.4, 5.23.1.2.5 ]

5.23.1.2.3
Each load-bearing hardware escape system component shall display at least the minimum rated breaking strength prefaced by the letters "MBS." The MBS value stated on the product label shall be permitted to be any value greater than the actual "pass" requirement value determined by the certification testing, but shall not be greater than the calculated MBS.

5.23.1.2.4
Each load-bearing escape system component shall display an "E" for escape-use items. The designation "E" shall be designated in accordance with 6.23.1.2.

5.23.1.2.5
Each system device, rope grab device, and descent control device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jan 11 12:18:22 EST 2016

Committee Statement

Committee Statement: Device will have this information if device is certified on its own (ex. Descent control device) but otherwise should not be there because can be misleading. MBS on label for system and only one diameter used in a system (each different diameter would be separate system)

Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 31-NFPA 1983-2016 [Section No. 5.23.1.9]

5.23.1.9
Each escape system shall have the following compliance statement on the product label:

MEETS THE ESCAPE SYSTEM REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 10:48:37 EST 2016

Committee Statement

Committee Statement: Added language to inform user of precautions.

Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.24.1.2.2
Each load-bearing hardware fire escape system component shall display the mark or logo of the certification organization and the manufacturer’s name or identifying mark.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 12:20:35 EST 2016

Committee Statement

Committee Statement: The mark of the certification organization is required on the product label (see 5.24.1.8). The listing mark on each load bearing component can be misleading in that it can appear that each component has met the individual component requirements of NFPA 1983. This is not the case as systems are tested as systems and not as individual components.

Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
5.24.1.2.3

Each load-bearing hardware fire escape system component shall display at least the minimum rated breaking strength prefaced by the letters “MBS.” The MBS value stated on the product label shall be permitted to be any value greater than the actual “pass” requirement value determined by the certification testing, but shall not be greater than the calculated MBS.

5.24.1.2.4

Each load bearing fire escape system component shall display an “E” for escape use items. The designation “E” shall be designated in accordance with 6.24.1.2.

5.24.1.2.5

Each fire escape system device, rope grab device, and descent control device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: City: State: Zip:
Submittal Date: Mon Jan 11 12:19:42 EST 2016

Committee Statement

Committee Statement: Device will have this information if device is certified on its own (ex. Descent control device) but otherwise should not be there because can be misleading. MBS on label for system and only one diameter used in a system (each different diameter would be separate system)

Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

**Affirmative All**
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.24.1.9
Each fire escape system shall have the following compliance statement on the product label:

*MEETS THE FIRE ESCAPE SYSTEM REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY*

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 10:52:13 EST 2016

Committee Statement

Committee Statement: Added language to inform user of precautions.
Response Message:

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Second Revision No. 40-NFPA 1983-2016 [ Section No. 5.25.1.2.1 ]

5.25.1.2.1

Each manufactured system load-bearing component shall have the following compliance statement:

"MEETS NFPA 1983 (2017 ED)."

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 12:20:16 EST 2016

Committee Statement

Committee Statement: Deleted requirement so there's no confusion to end user over certified product.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
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<td>Stephenson, R. Douglas</td>
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<td>Stinton, Robert</td>
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</table>
5.25.1.2.1
Each load-bearing hardware manufactured system component shall display the mark or logo of the certification organization and the manufacturer's name or identifying mark.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 12:22:07 EST 2016

Committee Statement

Committee Statement: The mark of the certification organization is required on the product label (see 5.25.1.8). The listing mark on each load bearing component can be misleading in that it can appear that each component has met the individual component requirements of NFPA 1983. This is not the case as systems are tested as systems and not as individual components.

Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
5.25.1.2.3
Each load-bearing hardware manufactured system component shall display at least the minimum rated breaking strength prefaced by the letters “MBS.” The MBS value stated on the product label shall be permitted to be any value greater than the actual “pass” requirement value determined by the certification testing, but shall not be greater than the calculated MBS.

5.25.1.2.4
Each load-bearing hardware manufactured system component shall display a “G” for general-use items, a “T” for technical-use items, or an “E” for escape-use items. The designation “G,” “T,” or “E” shall be designated in accordance with 6.25.1.2.

5.25.1.2.5
Each manufactured system ascending device, rope grab device, and descent control device shall also display the range of rope diameters with which the device is intended to be used.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jan 11 12:23:21 EST 2016

Committee Statement

Committee Statement: Device will have this information if device is certified on its own (ex. Descent control device) but otherwise should not be there because can be misleading. MBS on label for system and only one diameter used in a system (each different diameter would be separate system)

Response Message:

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

**Affirmative All**
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
5.25.1.9

Each manufactured system shall have the following compliance statement on the product label:

"MEETS THE MANUFACTURED SYSTEM REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFE"

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:

Submittal Date: Wed Jan 06 10:51:05 EST 2016

Committee Statement

Committee Statement: Added language to inform user of precautions.

Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
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6.4 Fire Escape Rope.
6.4.1 Fire Escape Rope Design Requirements.
6.4.1.1* Fire escape rope shall be constructed of virgin fiber.
6.4.1.2 Fire escape rope shall be of block creel construction.
6.4.1.3 Primary load-bearing elements of fire escape rope shall be constructed of continuous filament fiber.

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jan 11 16:12:51 EST 2016

Committee Statement
Committee Statement: Annex material should be associated with 6.4.1.1, not 6.4.1
Response Message:

Ballot Results
This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
6.23.1.2
The escape system shall comprise a flexible lifeline (e.g., rope/webbing/cable); a descent control device and a connector from the system to the user not to include the harness; and a means of attaching the system to an anchoring point (e.g., an escape anchor) that is capable of supporting human loads. The design and construction requirements of the individual components of the escape system shall meet the respective design requirements of the individual components as specified in this standard.

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:26:01 EST 2016

Committee Statement
Committee Statement: Wording as written is confusing. There are no “construction” requirements in this document. Individual component testing is missing from the system requirements.
Response Message:

Ballot Results
This item has passed ballot
24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
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Second Revision No. 70-NFPA 1983-2016 [Section No. 6.24.1.2]

6.24.1.2
The fire escape system shall comprise a flexible lifeline; a descent control device and a connector from
the system to the user not to include the harness; and a means of attaching the system to an anchoring
point (e.g., an escape anchor) that is capable of supporting human loads. The design and construction
requirements of the fire escape system shall meet the respective design
requirements of the individual components, as specified in this standard.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:28:26 EST 2016

Committee Statement

Committee Statement: Wording as written is confusing. There are no “construction” requirements in this document.
Individual component testing is missing from the system requirements.

Response Message:

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
  3 Not Returned
  21 Affirmative All
    0 Affirmative with Comments
    0 Negative with Comments
    0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
National Fire Protection Association Report

http://submittals.nfpa.org/TerraViewWeb/ContentFetcher?commentPara...
6.25.1.8
The individual components of the manufactured system shall meet the respective design requirements of the individual components as specified in this standard.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:30:07 EST 2016

Committee Statement
Committee Statement: Individual component requirements are missing from the system requirements.
Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
| Dunn, Charles S.          |
| Geraghty, Stephen J.     |
| Haskell, III, William E. |
| Hess, Diane B.           |
| Horn, Gavin P.           |
| Howard, Thomas           |
| Klaren, Kim              |
| Krause, II, George R.    |
| Lehtonen, Karen E.       |
| Metz, Jeremy             |
| Nelson, Robert G.        |
| Reall, Jack E.           |
| Smith, Cedric            |
| Stephenson, R. Douglas   |
| Stinton, Robert          |
Second Revision No. 34-NFPA 1983-2016 [ Section No. 7.5.5 ]

7.5.5

Fire escape webbing product labels and identification tape, shall be tested for high temperature exposure durability as specified in Section 8.15 8.10 . This test shall be conducted at two independent conditions and shall have a minimum time to failure of 45 seconds at 600°C while holding 300 lb and of 5 minutes at 400°C while holding 300 lb and shall be legible, shall remain in place, and shall not be torn or otherwise damaged.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 11:09:33 EST 2016

Committee Statement

Committee Statement: Section was duplicated and was intended to be for label durability.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
7.8.1 Manufacturer-supplied eye termination shall be tested for breaking strength as specified in Section 8.2 and shall meet one of the following criteria:

1. It shall have a minimum breaking strength of not less than 85 percent of the certified rope's calculated minimum breaking strength, as determined by the certifying organization.

2. It shall have a minimum breaking strength of not less than 20 kN (4496 lbf) for technical use life safety rope.

3. It shall have a minimum breaking strength of not less than 40 kN (8992 lbf) for general use life safety rope.

4. It shall have a minimum breaking strength of not less than 13.5 kN (3034 lbf) for escape rope and fire escape rope.

5. It shall have a minimum breaking strength of not less than 13.5 kN (3034 lbf) for throwline escape webbing and fire escape webbing.

6. It shall have a minimum breaking strength of not less than 13.5 kN (3034 2923 lbf) for fire escape rope throwline.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:04:04 EST 2016

Committee Statement

Committee Statement: Revising (4), (5), and (6) per PI-62 and FR-38, to add the webbings and group MBS requirement of fire escape rope with escape rope. These changes were submitted and accepted by committee in First Draft meeting but were inadvertently omitted. Correction to (6) because requirement for throwline is actually 13.0 kN, not 13.5 kN. The text now covers all of the different type of lines addressed in the standard, plus includes the correct minimum MBS requirements.

Response Message:

Public Comment No. 11-NFPA 1983-2015 [Section No. 7.8.1]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

**Not Returned**
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

**Affirmative All**
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 44-NFPA 1983-2016 [ Section No. 7.8.2.1 ]

7.8.2.1
All thread used in the construction of fire escape rope, manufacturer-supplied eye termination in terminations for fire escape rope or fire escape webbing shall be tested for melting as specified in ASTM E794, Standard Test Method for Melting and Crystallization Temperatures by Thermal Analysis, and shall have a melting point of not less than 260°C (500°F).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 22:12:16 EST 2016

Committee Statement

Committee Statement: Provide clarity for the thread for manufacturer-supplied eye terminations to be tested.
Response Message:

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
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Broccolo, Richard J.
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Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
7.9.6.3
Where harnesses are represented as being flame-resistant, sewing thread utilized in the construction of harnesses shall be tested for heat resistance melting as specified in Section 8.18 and shall not melt ASTM D7138, Standard Test Method to Determine Melting Temperature of Synthetic Fibers, Method 1, and shall have a melting point of not less than 260°C (500°F).

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submitittal Date: Tue Jan 05 15:46:21 EST 2016

Committee Statement
Committee Statement: This change will eliminate the test method for threads in the document and reference current ASTM standard.
Response Message:
Public Comment No. 29-NFPA 1983-2015 [Section No. 7.9.6.3]

Ballot Results
This item has passed ballot
24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
| Corrado, Steven D.                        |
| Dacey, Paul                              |
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| Dunn, Charles S.                         |
| Geraghty, Stephen J.                     |
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| Hess, Diane B.                           |
| Horn, Gavin P.                           |
| Howard, Thomas                           |
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| Krause, II, George R.                    |
| Lehtonen, Karen E.                       |
| Metz, Jeremy                             |
| Nelson, Robert G.                        |
| Reall, Jack E.                           |
| Smith, Cedric                            |
| Stephenson, R. Douglas                   |
| Stinton, Robert                          |
Where belts are represented as being flame resistant, sewing thread utilized in the construction of harnesses shall be tested for heat resistance as specified in Section 8.18 ASTM D7138, Standard Test Method to Determine Melting Temperature of Synthetic Fibers, Method 1, and shall have a melting point of not less than 260°C (500°F).

Committee Statement

This change will eliminate the test method for threads in the document and reference current ASTM standard.

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
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7.12.1
Technical use end-to-end straps shall be tested for breaking strength as specified in Section 8.7 and shall have a minimum breaking strength of at least 11 kN (4500 lbf) without failure.

7.12.1.1
Where the strap includes an adjustment device, the adjustment device shall not slip more than 50 mm (2 in.).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 11:19:31 EST 2016

Committee Statement

Committee Statement: Correcting a conversion.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
General use multiple configuration straps shall be tested for breaking strength as specified in Section 8.7 and shall have a minimum breaking strength of at least $22.45$ kN ($4946\,10^{12}$ lbf) without failure.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jan 05 11:55:39 EST 2016

Committee Statement

Committee Statement: 22kN was incorrectly changed with the reorganization and 45 kN is the correct force as it is in the previous edition.

Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccoli, Richard J.
Corrado, Steven D.
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Second Revision No. 16-NFPA 1983-2016 [Section No. 7.16.2]

7.16.2
Escape descent control devices shall be tested for maximum impact force as specified in Section 8.14 and shall have the maximum impact force not exceed 8 kN (1798.5 lbf), shall not damage the device or rope, and shall remain functional.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 07:06:37 EST 2016

Committee Statement

Committee Statement: This is to round the conversion to be consistent with other conversions in the document that are in whole numbers.
Response Message:

Public Comment No. 13-NFPA 1983-2015 [Section No. 7.16.2]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurlery, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
7.19.3
Technical use portable anchor devices shall be tested for strength as specified in Section 8.7 and shall withstand a minimum load of at least 18 kN (4,046 lbf) without failure.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:09:19 EST 2016

Committee Statement

Committee Statement: This is to correct the conversion. The correct conversion value for 18 kN is 4,046 lbf.
Response Message:
Public Comment No. 14-NFPA 1983-2015 [Section No. 7.19.3]

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
7.20.2

Technical use pulleys shall be tested for strength as specified in Section 8.7 and shall have a minimum tensile strength of at least 18 kN (4046 lbf) without failure.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 07:10:39 EST 2016

Committee Statement

Committee Statement: This is to correct the conversion. The correct conversion value for 18 kN is 4,046 lbf.
Response Message:
Public Comment No. 3-NFPA 1983-2015 [Section No. 7.20.2]

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dempsey, Keith B.</td>
</tr>
<tr>
<td>Dunn, Charles S.</td>
</tr>
<tr>
<td>Geraghty, Stephen J.</td>
</tr>
<tr>
<td>Haskell, Ill, William E.</td>
</tr>
<tr>
<td>Hess, Diane B.</td>
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<tr>
<td>Horn, Gavin P.</td>
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<td>Howard, Thomas</td>
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<tr>
<td>Klaren, Kim</td>
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<td>Krause, II, George R.</td>
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<td>Lehtonen, Karen E.</td>
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<td>Metz, Jeremy</td>
</tr>
<tr>
<td>Nelson, Robert G.</td>
</tr>
<tr>
<td>Reall, Jack E.</td>
</tr>
<tr>
<td>Smith, Cedric</td>
</tr>
<tr>
<td>Stephenson, R. Douglas</td>
</tr>
<tr>
<td>Stinton, Robert</td>
</tr>
</tbody>
</table>
Second Revision No. 21-NFPA 1983-2016 [Section No. 7.20.5]

7.20.5

The becket on technical use pulleys shall be tested for strength as specified in Section 8.7 and shall have a minimum tensile strength of at least 11 kN (2698 lbf) without failure.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 07:11:43 EST 2016

Committee Statement

Committee Statement: This is to correct the conversion. The correct conversion value for 11 kN is 2,473 lbf.
Response Message: Public Comment No. 4-NFPA 1983-2015 [Section No. 7.20.5]

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
7.23.5
Where the escape descent control device used in the escape system incorporates a passive or active breaking feature that creates friction between the device and the rope, the system shall be tested for average payout force as specified in Section 8.13 and shall not release the test torso and shall not exceed 90 N (20 lb lbf).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:33:48 EST 2016

Committee Statement

Committee Statement: Correcting conversion.
Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
7.23.6
Escape systems shall be tested for maximum impact force as specified in Section 8.14 and shall have the maximum impact force not exceed 8.0 kN (1798.5 lbf), shall not damage the rope or device, and shall remain functional.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:07:29 EST 2016

Committee Statement

Committee Statement:
This is to round the conversion to be consistent with other conversions in the document that are in whole numbers.

Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Where the escape descent control device used in the fire escape system incorporates a passive or active breaking feature that creates friction between the device and the rope, the system shall be tested for average payout force as specified in Section 8.13 and shall not release the test torso and shall not exceed 90 N (20 lb).
<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dacey, Paul</td>
</tr>
<tr>
<td>Dempsey, Keith B.</td>
</tr>
<tr>
<td>Dunn, Charles S.</td>
</tr>
<tr>
<td>Geraghty, Stephen J.</td>
</tr>
<tr>
<td>Haskell, III, William E.</td>
</tr>
<tr>
<td>Hess, Diane B.</td>
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<tr>
<td>Horn, Gavin P.</td>
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<td>Howard, Thomas</td>
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<td>Klaren, Kim</td>
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<td>Krause, II, George R.</td>
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<tr>
<td>Lehtonen, Karen E.</td>
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<tr>
<td>Metz, Jeremy</td>
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<tr>
<td>Nelson, Robert G.</td>
</tr>
<tr>
<td>Reall, Jack E.</td>
</tr>
<tr>
<td>Smith, Cedric</td>
</tr>
<tr>
<td>Stephenson, R. Douglas</td>
</tr>
<tr>
<td>Stinton, Robert</td>
</tr>
</tbody>
</table>
Sewing thread utilized in the construction of fire escape systems shall be tested for heat resistance melting as specified in Section 8.18 and shall not melt at or below a temperature of 260°C (500°F) specified in ASTM D7138, Standard Test Method to Determine Melting Temperature of Synthetic Fibers, Method 1, and shall have a melting point of not less than 260°C (500°F).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jan 05 15:56:20 EST 2016

Committee Statement

Committee Statement: This change will eliminate the test method for threads in the document and reference current ASTM standard.

Response Message:
Public Comment No. 31-NFPA 1983-2015 [Section No. 7.24.7]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Second Revision No. 18-NFPA 1983-2016 [ Section No. 7.24.8 ]

7.24.8
Escape systems shall be tested for maximum impact force as specified in Section 8.14 and shall have the maximum impact force not exceed 8.0 kN (1798.5 lbf), shall not damage the rope or device, and shall remain functional.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:08:12 EST 2016

Committee Statement

Committee Statement: This is to round the conversion to be consistent with other conversions in the document that are in whole numbers.

Response Message:

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurlcy, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
7.25.2 Technical use manufactured systems shall be tested for strength as specified in Section 8.7 and shall have a minimum tensile strength of at least 18 kN (4046 lbf) without failure.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:  
City:
State:  
Zip:  
Submittal Date: Wed Jan 06 07:13:00 EST 2016

Committee Statement

Committee Statement: This is to correct the conversion. The correct conversion value for 18 kN is 4,046 lbf.
Response Message:

Public Comment No. 5-NFPA 1983-2015 [Section No. 7.25.2]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Second Revision No. 28-NFPA 1983-2016 [Section No. 8.3.1.1]

8.3.1.1
This test shall apply to ladder belts, escape belts, and Class II and Class III life safety harnesses, and Class II and Class III victim extrication devices.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 07:30:02 EST 2016

Committee Statement

Committee Statement: Class II and Class III victim extrication devices were omitted from the application statement for this test but should be included. The revised language adds them into the text. Revisions originally submitted per PI-63 and accepted by committee but then were inadvertently omitted.

Response Message:
Public Comment No. 25-NFPA 1983-2015 [Section No. 8.3.1.1]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Second Revision No. 29-NFPA 1983-2016 [Section No. 8.3.1.2]

8.3.1.2

Each model of a belt, or a life safety harness, or a victim extrication device, shall be tested in accordance with Table 8.3.1.2, as appropriate for the product.

Table 8.3.1.2 Static Test Matrix

<table>
<thead>
<tr>
<th>Test</th>
<th>Class II</th>
<th>Class III</th>
<th>Ladder Belt</th>
<th>Victim Escape Belt</th>
<th>Class II Extrication Device</th>
<th>Class III Extrication Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upright</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Head down</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
<tr>
<td>Horizontal</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
<td>NO</td>
<td>YES</td>
</tr>
</tbody>
</table>

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:41:04 EST 2016

Committee Statement

Committee Statement: editorial; need to add in victim extrication device which was excluded in first revision
Response Message:

Public Comment No. 15-NFPA 1983-2015 [Section No. 8.3.1.2]

Ballot Results

☑️ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean
Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 30-NFPA 1983-2016 [Section No. 8.6.4.5.6]

8.6.4.5.6
The test mass for a general-use belay device shall be 200-280 kg (617 lb).

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 07:53:53 EST 2016

Committee Statement
Committee Statement: Consistency with the design load between general use and technical use within this document and to provide consistency with ASTM F2436, Standard Test Method for Measuring the Performance of Synthetic Rope Rescue Belay Systems Using a Drop Test and ASTM F2266, Standard Specifications for Masses Used in Testing Rescue Systems and Components. 280kg is a three person rescue load or two fully encumbered firefighters.

Response Message:
Public Comment No. 2-NFPA 1983-2015 [Section No. 8.6.4.5.6]
Public Comment No. 16-NFPA 1983-2015 [Section No. 8.6.4.5.6]

Ballot Results
✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
### 8.6.7 Specific Requirements for Testing Ascent Devices and Rope Grab Devices.

**8.6.7.1**

Technical-use ascent devices and rope grab devices shall be tested at a load of 5 kN (1124 lbf) for Procedure A.

**8.6.7.2**

General-use ascent devices and rope grab devices shall be tested at a load of 11 kN (2500 lbf) for Procedure A.

---

### Submitter Information Verification

**Submitter Full Name:** Chris Farrell  
**Organization:** National Fire Protection Assoc  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Wed Jan 06 11:24:34 EST 2016

---

### Committee Statement

**Committee Statement:** Editorial only  
**Response Message:**

---

### Ballot Results

- This item has passed ballot

  - 24 Eligible Voters  
  - 3 Not Returned  
  - 21 Affirmative All  
    - 0 Affirmative with Comments  
    - 0 Negative with Comments  
    - 0 Abstention

---

**Not Returned**

- Hock, Tricia L.  
- McCurley, Loui  
- Paderick, H. Dean

---

**Affirmative All**

- Allen, Jason L.  
- Arrington, Joseph
<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broccolo</td>
<td>Richard J.</td>
</tr>
<tr>
<td>Corrado</td>
<td>Steven D.</td>
</tr>
<tr>
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<td>Paul</td>
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<td>Keith B.</td>
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<td>Dunn</td>
<td>Charles S.</td>
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<td>Geraghty</td>
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<td>Haskell</td>
<td>William E.</td>
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<td>Jack E.</td>
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<td>Smith</td>
<td>Cedric</td>
</tr>
<tr>
<td>Stephenson</td>
<td>R. Douglas</td>
</tr>
<tr>
<td>Stinton</td>
<td>Robert</td>
</tr>
</tbody>
</table>
8.7.1.1 This test shall apply to portable anchor devices, escape systems, manufactured systems, end-to-end straps, multiple-configuration straps, escape anchors, pulleys, and other auxiliary equipment.

**Submitter Information Verification**

<table>
<thead>
<tr>
<th>Submitter Full Name:</th>
<th>Chris Farrell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization:</td>
<td>National Fire Protection Assoc</td>
</tr>
<tr>
<td>Street Address:</td>
<td></td>
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<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>State:</td>
<td></td>
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<td>Zip:</td>
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</tr>
<tr>
<td>Submittal Date:</td>
<td>Wed Jan 06 21:55:50 EST 2016</td>
</tr>
</tbody>
</table>

**Committee Statement**

<table>
<thead>
<tr>
<th>Committee Statement:</th>
</tr>
</thead>
<tbody>
<tr>
<td>This editorial revision corrects the name of the product. The language was included in the 2012 edition and remained in PC-63, but then was inadvertently removed in FR-32. This addition gives the correct and full name for multiple configuration straps.</td>
</tr>
</tbody>
</table>

**Response Message:**

Public Comment No. 17-NFPA 1983-2015 [Section No. 8.7.1.1]

**Ballot Results**

- **This item has passed ballot**

  - 24 Eligible Voters
  - 3 Not Returned
  - 21 Affirmative All
  - 0 Affirmative with Comments
  - 0 Negative with Comments
  - 0 Abstention

**Not Returned**

- Hock, Tricia L.
- McCurley, Loui
- Paderick, H. Dean

**Affirmative All**

- Allen, Jason L.
- Arrington, Joseph
- Broccolo, Richard J.
8.7.1.4
Specific requirements for testing auxiliary equipment, fire escape systems, system components, escape systems, and manufactured systems shall be as specified in 8.7.10.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:36:41 EST 2016

Committee Statement

Committee Statement: Correcting to proper term used in standard.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
8.7.10.1
Only Procedure B shall be conducted on {auxiliary equipment fire escape systems, system components escape systems}, and manufactured systems.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 14:40:35 EST 2016

Committee Statement

Committee Statement: Correction of terms.
Response Message:

Ballot Results

☑️ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 37-NFPA 1983-2016 [Section No. 8.7.10.2]

8.7.10.2
Auxiliary equipment and manufactured systems shall be tested using a rope with a diameter of the smallest and largest size specified by the auxiliary equipment manufacturer.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 11:29:04 EST 2016

Committee Statement

Committee Statement: Not applicable for systems. A system will only have one diameter, not a range of diameters.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Second Revision No. 42-NFPA 1983-2016 [Section No. 8.7.12]

8.7.12 Specific Requirements for Testing Multiple-Configuration Straps.

8.7.12.1 Only Procedure B shall be conducted on multiple-configuration straps.

8.7.12.2* Testing shall be conducted using 13 mm ± 1 mm (1/2 in. ± 1/8 in.) pins, bolts, or shackles.

8.7.12.3 Test pin cross section shall be permitted to be other than round. Any, and any, cross section necessary to prevent test pin failure or any design to prevent test pin rotation shall be permitted as long as the contact point between the test pin and strap attachment point has the specified radius, material type, hardness, and surface roughness as per Section 6.2.1 of ASTM F1956, Standard Specification for Rescue Carabiners.

8.7.12.4 The test fixture shall be designed to prevent the test pins from rotating such that the strap is free to locate itself on the test pins when force is applied.

8.7.12.5 Where the strap is adjustable in length, the strap shall be tested in the shortest length that places the adjustment device free of any interference of the test fixture.

8.7.12.6 Technical-use and general-use multiple-configuration straps shall be individually tested in the basket (U) configuration, the end-to-end configuration, and the choker configuration.

8.7.12.7 For technical-use and general-use multiple-configuration straps, all configuration values shall be reported on the product label. Only, and only, the basket (U) configuration value shall be utilized to determine pass/fail.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 22:02:53 EST 2016

Committee Statement

Committee Statement: This editorial revision corrects the name of the product by adding the word, "strap." The language was included in the 2012 edition and remained in PC-63, but then was inadvertently removed in FR-32. This addition gives the correct and full name for multiple configuration straps. PC-18 only included the addition of the word in 8.7.12 and 8.7.12.1. However, during preparation of these substantiations, it was discovered that the word was also missing in 8.7.12.6 and 8.7.12.7, and, therefore are added here as well.
Response
Message:
Public Comment No. 18-NFPA 1983-2015 [Section No. 8.7.12]

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
8.7.13.1
Only Procedure B shall be conducted on escape anchor devices.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 22:06:08 EST 2016

Committee Statement

Committee Statement: This is given in bold text, but should not be in bold.
Response Message:

Public Comment No. 19-NFPA 1983-2015 [Section No. 8.7.13.1]

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul

http://submittals.nfpa.org/TerraViewWeb/ContentFetcher?commentPara...
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
8.10.1 Application.

8.10.1.1 This test method shall apply to permanently attached product labels and identification tapes, excluding metal stamped or engraved labels.

8.10.1.2 Specific requirements for testing rope, webbing, and throwline identification tapes shall be specified in 8.10.7.

8.10.1.3 Specific requirements for testing all other labels shall be specified in 8.10.8.

8.10.2 Samples.

8.10.2.1 Samples for conditioning shall be individual labels or, in the case of rope, webbing, or throwline, at least 1 m (1 yd) in length.

8.10.2.2 Samples shall be conditioned as specified in 8.1.2.

8.10.3 Specimens.

8.10.3.1 Specimens shall be individual labels or, in the case of rope, webbing, or throwline, 1 m (1 yd) in length.

8.10.3.2 A minimum of four of each type of label shall be tested.

8.10.3.3 Where labels have “write-in” information, two additional specimens shall be tested that include those areas with sample information written in.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:16:26 EST 2016

Committee Statement

Committee Statement: Webbing inadvertently omitted from First Draft. Sections should address webbing as well as rope and throwline.

Response Message:

Ballot Results
This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 24-NFPA 1983-2016 [ Section No. 8.10.5.2 ]

8.10.5.2
For rope, webbing, and throwline, the ability of the label to remain in place shall be reported.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:20:22 EST 2016

Committee Statement

Committee Statement: The label attachment should be evaluated on webbing as well as rope and throwline. It was inadvertently omitted in the first revision.
Response Message:
Public Comment No. 26-NFPA 1983-2015 [Section No. 8.10.5.2]

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
### Second Revision No. 25-NFPA 1983-2016 [Section No. 8.10.7]

**8.10.7 Specific Requirements for Testing Rope, Webbing, and Throwline Labels.**

All rope, webbing, and throwline inserted identification tapes shall be tested only for laundering durability as specified in 8.10.4.2.

### Submitter Information Verification

**Submitter Full Name:** Chris Farrell  
**Organization:** [Not Specified]  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Wed Jan 06 07:21:34 EST 2016

### Committee Statement

**Committee Statement:** The inserted identification tapes for webbing should be evaluated as well as for rope and throwline. It was inadvertently omitted in the first revision.

**Response Message:**

Public Comment No. 27-NFPA 1983-2015 [Section No. 8.10.7]

### Ballot Results

- ✔️ This item has passed ballot

- 24 Eligible Voters  
- 3 Not Returned  
- 21 Affirmative All  
  - 0 Affirmative with Comments  
  - 0 Negative with Comments  
  - 0 Abstention

**Not Returned**  
Hock, Tricia L.  
McCurley, Loui  
Paderick, H. Dean

**Affirmative All**  
Allen, Jason L.  
Arrington, Joseph  
Broccolo, Richard J.
<table>
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<tr>
<td>Corrado, Steven D.</td>
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<td>Dacey, Paul</td>
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<td>Krause, II, George R.</td>
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<td>Nelson, Robert G.</td>
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<td>Reall, Jack E.</td>
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<td>Smith, Cedric</td>
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<td>Stephenson, R. Douglas</td>
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<td>Stinton, Robert</td>
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</tbody>
</table>
8.11.3.1

Descent The holding test shall apply to descent control devices shall be tested in accordance with Section 5.5 of ISO 22159, Personal equipment for protection against falls — Descending devices.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 12:20:34 EST 2016

Committee Statement

Committee Statement: Reformatted to remain consistent with rest of test methods in chapter 8. Moved current 8.11.1 to become new 8.11.4.1.
Response Message:

Public Comment No. 28-NFPA 1983-2015 [Section No. 8.11.1]

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
8.11.5 Interpretation.
One or more specimens failing this test shall constitute failing performance for the item being tested.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 13 10:15:07 EST 2016

Committee Statement

Committee Statement: 8.11 is for holding test and statement given is incorrect.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Second Revision No. 38-NFPA 1983-2016 [ Section No. 8.13.1.1 ]

8.13.1.1
This test shall apply to escape systems and fire escape systems.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 11:32:01 EST 2016

Committee Statement

Committee Statement: Clarifying that fire escape systems are part of the payout test.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
| Dunn, Charles S.            |
| Geraghty, Stephen J.       |
| Haskell, III, William E.   |
| Hess, Diane B.             |
| Horn, Gavin P.             |
| Howard, Thomas             |
| Klaren, Kim                |
| Krause, II, George R.      |
| Lehtonen, Karen E.         |
| Metz, Jeremy               |
| Nelson, Robert G.          |
| Reall, Jack E.             |
| Smith, Cedric              |
| Stephenson, R. Douglas     |
| Stinton, Robert            |
8.13.2.3
The descent control system shall be tested with each type of rope for its intended use.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 23:47:46 EST 2016

Committee Statement

Committee Statement: Redundant information that’s found in performance requirement.
Response Message:

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
8.13.4.1 Specimens shall be tested in a servohydraulic or screw-driven load frame with a controlled displacement rate of 100 mm/sec (±5 mm/sec).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Wed Jan 06 23:49:03 EST 2016

Committee Statement

Committee Statement:
This is to add in tolerance of plus/minus 5mm/sec. The plus symbol was unintentionally left out of the PC.

Response Message:
Public Comment No. 21-NFPA 1983-2015 [Section No. 8.13.4.1]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
8.13.5  Report.
The average force encountered over the 100 mm (4 in.) payout shall be recorded from each test and the average and standard deviation calculated.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 12:15:44 EST 2016

Committee Statement

Committee Statement: The requirement is the average force and the standard deviation is not required.
Response Message:

Public Comment No. 22-NFPA 1983-2015 [Section No. 8.13.5]

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
8.14.1 Application.
This test shall apply to escape descent control devices, escape systems, and fire escape manufactured systems.
| Dunn, Charles S. |
| Geraghty, Stephen J. |
| Haskell, III, William E. |
| Hess, Diane B. |
| Horn, Gavin P. |
| Howard, Thomas |
| Klaren, Kim |
| Krause, II, George R. |
| Lehtonen, Karen E. |
| Metz, Jeremy |
| Nelson, Robert G. |
| Reall, Jack E. |
| Smith, Cedric |
| Stephenson, R. Douglas |
| Stinton, Robert |
The maximum impact force shall be reported to the nearest 0.1 kN (23 lbf).

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:24:30 EST 2016

Committee Statement

Committee Statement: This is editorial. Conversion is being added for consistency; other values throughout document have conversion from metric.
Response Message:

Public Comment No. 23-NFPA 1983-2015 [Section No. 8.14.5.1]

Ballot Results

This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 27-NFPA 1983-2016 [Section No. 8.14.6.1]

8.14.6.1
A recorded impact force in excess of 8.0 kN (1798 lbf) shall constitute failing performance.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 06 07:25:46 EST 2016

Committee Statement

Committee Statement: This is editorial. Conversion is being added for consistency; other values throughout document have conversion from metric.

Response Message:

Public Comment No. 24-NFPA 1983-2015 [Section No. 8.14.6.1]

Ballot Results

☑ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Second Revision No. 78-NFPA 1983-2016 [ New Section after 8.17.1.2 ]

8.17.1.3
Modifications to this test method for testing hardware shall be as specified in 8.17.9.

Submitter Information Verification

Submitter Full Name: Chris Farrell  
Organization: National Fire Protection Assoc  
Street Address:  
City:  
State:  
Zip:  
Submittal Date: Mon Jan 11 15:08:50 EST 2016

Committee Statement

Committee Statement: Adding in modification statements to be consistent throughout test method.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
  3 Not Returned
  21 Affirmative All
  0 Affirmative with Comments
  0 Negative with Comments
  0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
8.17.1.4
Modifications to this test method for testing hardware shall be as specified in 8.17.10.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 15:12:48 EST 2016

Committee Statement

Committee Statement: Adding in modification statements to be consistent throughout test method.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Second Revision No. 80-NFPA 1983-2016 [ New Section after 8.17.1.2 ]

8.17.1.5
Modifications to this test method for testing other materials not covered in 8.17.1.2 , 8.17.1.3 , or 8.17.1.4 shall be as specified in 8.17.11 .

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jan 11 15:14:28 EST 2016

Committee Statement

Committee Statement: Adding in modification statements to be consistent throughout test method.
Response Message:

Ballot Results

✓ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
8.17.4 Apparatus.


Submitter Information Verification

**Submitter Full Name:** Chris Farrell  
**Organization:** National Fire Protection Assoc  
**Street Address:**  
**City:**  
**State:**  
**Zip:**  
**Submittal Date:** Wed Jan 06 22:26:08 EST 2016

Committee Statement

**Committee Statement:** Correcting to proper test method  
**Response Message:**

Ballot Results

- ✔ This item has passed ballot

- 24 Eligible Voters  
- 3 Not Returned  
- 21 Affirmative All  
- 0 Affirmative with Comments  
- 0 Negative with Comments  
- 0 Abstention

**Not Returned**

Hock, Tricia L.  
McCurley, Loui  
Paderick, H. Dean

**Affirmative All**

Allen, Jason L.  
Arrington, Joseph  
Broccolo, Richard J.  
Corrado, Steven D.
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<td>Stephenson, R. Douglas</td>
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<tr>
<td>Stinton, Robert</td>
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8.18 Thread Heat Resistance Test.

8.18.1 Application.
This test method shall apply to each type of sewing thread used in the construction of flame-resistant life safety harnesses and belts.

8.18.2 Samples.
Samples for conditioning shall be lengths of thread 150 mm (6 in.) or greater.

8.18.3 Specimens.

8.18.3.1 A total of three different specimens of each thread type shall be tested.

8.18.3.2 All specimens shall be conditioned as specified in 8.1.2 prior to testing.

8.18.4 Apparatus.

8.18.4.1 An electrically heated stage having a circular depression large enough to insert a micro-cover glass shall be used. The stage shall have a variable transformer controlling the rate of heat input into the stage.

8.18.4.2 The following equipment shall also be used:
- Armored stem thermometer with a range of 150°C to 300°C accurate to 1°C
- Low-powered magnifying glass
- Two micro-cover glasses
- Spatula, pick needle, or other instrument for applying pressure to the micro-cover glasses
- Soxhlet extraction apparatus

8.18.4.3 The following reagents shall be used:
- Chloroform, USP
- U.S. Pharmacopoeia reference standards for melting point or other pure materials for calibrating the apparatus

8.18.5 Procedure.

8.18.5.1 The specimen shall be extracted with chloroform for a minimum of 20 extractions in a Soxhlet extractor and dried. The specimen shall then be cut into lengths of 2 mm (\frac{1}{16} in.) or less.

8.18.5.2 The apparatus shall be calibrated by determining the melting point of a pure material of known melting point. The melting point of the pure material shall be in the range of the melting point of the fiber being tested. The value obtained shall agree within \pm 1°C of the known value.
8.18.5.3
If the approximate melting point of the specimen is not known before testing, it shall be determined by a trial run.

8.18.5.4
In subsequent determinations immediately following the trial run or initial determination, the stage in each case shall be cooled to approximately 50°C below the expected melting point before the specimen is placed for testing.

8.18.5.5
The specimen shall be placed in a small mound on a cover glass and covered with another cover glass. The two cover glasses shall be pressed together gently but firmly, and placed in the circular depression on the stage. The temperature of the stage shall be raised with some rapidity to within 15°C of the expected melting point, and thereafter at a rate of 3°C to 4°C per minute. At this rate of temperature rise, a slight pressure shall be applied on the upper glass cover by pressing with a spatula, pick needle, or other instrument so that the complete fiber is in contact with the cover glass.

8.18.5.6
The specimen shall be observed with the aid of a magnifying glass, and the melting point taken as the temperature at which flow of the specimen is observed. At the observed melting point, the temperature shall be read to the nearest °C (°F).

8.18.6 Report

8.18.6.1 The melting point of the sample unit shall be the average of the results obtained from the specimens tested and shall be recorded and reported to the nearest °C (°F).

8.18.6.2 The pass/fail results for each specimen tested shall be recorded and reported.

8.18.7 Interpretation

One or more thread specimens failing this test shall constitute failing performance for the thread type.
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
A.5.1.1.8

When life safety rope is purchased, the AHJ should ensure that the product label(s) with the information as specified in 5.1.1 and 5.1.2 is attached and remains with the rope until placed in service. When the product label is removed from the rope, the label should be retained in the AHJ’s permanent rope records.

It is very important that the information on the product label(s) and the information required in 5.1 to be supplied by the manufacturer reach the persons who will actually be using the rope. It is useless for the supply personnel or equipment officer to remove the product label and other pertinent information and simply retain them in the rope record file. The persons who potentially will be using the rope need to be provided with all the information available. Copies of the product label(s) and other pertinent information should be maintained with the rope wherever the rope is in service awaiting use so that the potential users can consult the information.

Where life safety or escape line is purchased in long lengths and then cut by the end user agency to make several life safety ropes or escape lines, the product label(s) should be photocopied or otherwise reproduced and attached to each life safety rope when it is sent into service. The end user(s) (in a fire department it probably would be a fire company) should keep the copy of the product label(s) and any other pertinent information for reference and have the product label and other information readily available so that they can be reviewed by all potential users whenever necessary.

Ropes can be damaged in use by high stresses, impact loading situations, abrasion, kinking, heat, and exposure to chemicals and other products.

Ropes should be inspected by a qualified person before and after every operation and carefully stored between each use. Records should provide a history of each rope and should call for regular inspection and replacement as necessary. Any rope that fails to pass inspection or has been impact-loaded should be destroyed immediately.

It is recommended that departments establish an inspection program and shelf-life criteria for their ropes based on the conditions and environments encountered in their respective operations.

The destruction of rope means that it should be removed from service and altered in such a manner that it could not mistakenly be used as a life safety rope. This could include disposal or removal of the label and cutting the rope into short lengths to be used for utility purposes.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 15:18:34 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization.
Response Message:

Ballot Results

✓ This item has passed ballot
24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
A.5.2.1.1

When escape line is purchased, the purchaser or the AHJ should ensure that a product label with the information as specified in 5.2.1 and 5.2.2 is attached and remains with the rope until placed in service. This label should be retained either in the AHJ’s rope records or with the user of the rope for reference.

Escape line is intended only for emergency self-rescue situations and cannot be used for other rope rescue situations. Escape rope is designed for one emergency use only and should be destroyed after use. This does not include use for training where ropes are not subjected to excessive conditions such as stress, impact-loading situations, abrasion, kinking, heat, and exposure to chemicals and other products.

Escape line is intended to be carried by a fire fighter or other emergency services personnel so that it will be available in unanticipated situations from which self-rescue using the rope is the only option. Therefore, the escape line should be carefully stored and periodically inspected by a qualified person to ensure status and condition of the rope. During inspection, if there is any doubt as to the suitability of the escape line for use, it should be destroyed immediately and replaced.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 15:26:06 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean
Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
A.5.2.1.2
Information useful to the purchaser that applies to a particular rope or line could be added to the tape.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 15:43:15 EST 2016

Committee Statement

Committee Statement: For consistency. Could also be webbing and term "line" is used in previous section.
Response Message:

Ballot Results

✔ This item has passed ballot

- 24 Eligible Voters
- 3 Not Returned
- 21 Affirmative All
- 0 Affirmative with Comments
- 0 Negative with Comments
- 0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Second Revision No. 84-NFPA 1983-2016 [Section No. A.5.2.1.9]

A.5.2.1.9
See A.5.2.1.1A.5.1.1.8.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 15:44:23 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization
Response Message:

Ballot Results

✅ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Dunn, Charles S.
Geraghty, Stephen J.
Haskell, III, William E.
Hess, Diane B.
Horn, Gavin P.
Howard, Thomas
Klaren, Kim
Krause, II, George R.
Lehtonen, Karen E.
Metz, Jeremy
Nelson, Robert G.
Reall, Jack E.
Smith, Cedric
Stephenson, R. Douglas
Stinton, Robert
Second Revision No. 85-NFPA 1983-2016 [Section No. A.5.3.1.3]

A.5.3.1.3
See A.5.2.1.1A-5.1.1.8.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 16:06:43 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Second Revision No. 86-NFPA 1983-2016 [Section No. A.5.4.1.9]

A.5.4.1.9
See A.5.2.1.1A.5.1.1.8.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 16:07:23 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
Second Revision No. 87-NFPA 1983-2016 [Section No. A.5.5.1.3]

A.5.5.1.3
See A.5.2.1.1A.5.1.1.8.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 16:08:41 EST 2016

Committee Statement

Committee Statement: To correct reference with reorganization
Response Message:

Ballot Results

✅ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
A.6.22.1.6

Alternative methods for finishing and securing webbing ends can be hardware capping, tucking and sewing, and coating the webbing ends with an air-drying solvent base sealant. See A.6.9.1.4.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jan 11 16:19:11 EST 2016

Committee Statement

Committee Statement: For consistency with rest of document.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
Dempsey, Keith B.
A.8.3.10.2
A lesser force is used in this test than in the rescue harness test due to the personal protective application of belts. The indicated test force of 13 kN (2923 lbf) is consistent with the requirements for escape rope.

Submitter Information Verification
Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 13 10:08:15 EST 2016

Committee Statement
Committee Statement: Provide clarity on the testing for escape belts.
Response Message:

Ballot Results
This item has passed ballot
24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
Broccolo, Richard J.
Corrado, Steven D.
Dacey, Paul
A.8.7.4.1
In most cases, the portable anchor device will be weakest at its greatest (or highest) extension. However, many devices have multiple ways they can be used. Different rigging configurations could be stronger or weaker than others. It is intended that the testing be done in the configuration specified in the manufacturer's instructions to the user that would yield the lowest strength results. For example, anchor slings multiple configuration straps can be rigged in a basket, end-to-end, or choker configuration. Each configuration will likely yield different results. The minimum breaking strength reported is for the weakest configuration allowed by the manufacturer's instructions.

Submitter Information Verification

Submitter Full Name: Chris Farrell
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Wed Jan 13 10:13:34 EST 2016

Committee Statement

Committee Statement: Correcting term.
Response Message:

Ballot Results

✔ This item has passed ballot

24 Eligible Voters
3 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Hock, Tricia L.
McCurley, Loui
Paderick, H. Dean

Affirmative All
Allen, Jason L.
Arrington, Joseph
MEMORANDUM

TO: Technical Committee on Tactical and Technical Operations Respiratory Protection Equipment

FROM: Yvonne Smith, Project Administrator

DATE: March 4, 2016

SUBJECT: NFPA 1986 Second Draft Technical Committee FINAL Ballot Results (F2016)

According to the final ballot results, all ballot items received the necessary affirmative votes to pass ballot.

22 Members Eligible to Vote
1 Members Not Returned (Anderson)
21 Members Voted Affirmative on All Revisions (1 w/ comment: Lewis)
0 Members Voted Negative on one or more Revisions
0 Members Abstained on one or more Revisions

The attached report shows the number of affirmative, negative, and abstaining votes as well as the explanation of the vote for each revision.

To pass ballot, each revision requires: (1) a simple majority of those eligible to vote and (2) an affirmative vote of 2/3 of ballots returned. See Sections 3.3.4.3.(c) and Second Draft reference 4.4.10.1 of the Regulations Governing the Development of NFPA Standards.
6.1.5.1
A heads-up display (HUD) shall not be the sole device used to meet the requirements of 6.1.5.

Submitter Information Verification

Submitter Full Name: David Trebisacci
Organization: National Fire Protection Assoc

Committee Statement

Committee Statement: The technical committee is adding this subparagraph to 6.1.5 based on discussions related to Public Comment #2 and in particular the HUD topics in that Public Comment. Since the HUD display can be shut off, the committee was concerned that the safety of the user could be compromised if the HUD were the only user-visible gauge and it malfunctioned while it was shut off. Statement.

The submitter of the Public Comment was in attendance at the meeting, and he indicated that he would submit his HUD-related comments at the appropriate time to the new CUR standard.

Response Message:
Public Comment No. 2-NFPA 1986-2015 [Global Input]

Ballot Results

This item has passed ballot

22 Eligible Voters
1 Not Returned
20 Affirmative All
1 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Anderson, Edward

Affirmative All
Adams, Craig
<table>
<thead>
<tr>
<th>Barker, Daniel J.</th>
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<tr>
<td>Beals, Gary</td>
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<td>Montgomery, Brian</td>
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<td>Morey, Chad A.</td>
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<td>Morgan, Judge W.</td>
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<td>Robinson, Casandra W.</td>
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<td>Roncone, Ed</td>
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<td>Sanders, Stephen R.</td>
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<td>Sell, Robert</td>
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<td>Sterett, Randy</td>
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<td>Szalajda, Jonathan V.</td>
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<td>Weinstein, Steven H.</td>
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**Affirmative with Comment**

<table>
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<th>Lewis, Evan</th>
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**Agree**
All SCBA shall have a voice communications system capability that, at a minimum, shall consist of a mechanical nonelectronic transmission system.

Submitter Information Verification

Submitter Full Name: David Trebisacci
Organization: National Fire Protection Assoc

Committee Statement

Committee Statement: The technical committee is making this change to be consistent with NFPA 1981.

Ballot Results

This item has passed ballot

22 Eligible Voters
1 Not Returned
20 Affirmative All
1 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Anderson, Edward

Affirmative All
Adams, Craig
Barker, Daniel J.
Beals, Gary
Bray, Shane
Clifford, Brian J.
Connell, Caoimhin P.
Corrado, Steven D.
Gainey, Robin R.
Lancaster, Beth C.
Mayhue, Clint
Montgomery, Brian
Morey, Chad A.
Morgan, Judge W.
Robinson, Casandra W.
Roncone, Ed
Sanders, Stephen R.
Sell, Robert
Sterett, Randy
Szalajda, Jonathan V.
Weinstein, Steven H.

Affirmative with Comment

Lewis, Evan

agree
6.1.10.1
The voice communications system shall be designed to project sound without other persons needing a receiver to hear the voice communications.

Submitter Information Verification
Submitter Full Name: David Trebisacci
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jan 05 16:13:52 EST 2016

Committee Statement
Committee Statement: This paragraph is not necessary with the revision to 6.1.10 (SR 5).
Response Message:

Ballot Results
✔ This item has passed ballot
22 Eligible Voters
1 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Anderson, Edward

Affirmative All
Adams, Craig
Barker, Daniel J.
Beals, Gary
Bray, Shane
Clifford, Brian J.
Connell, Caoimhin P.
Corrado, Steven D.
Gainey, Robin R.
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<th>Lancaster, Beth C.</th>
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6.4.2.1
The distance between the leading edge of the Compressed Gas Association (CGA) fitting at the outlet of the SCBA cylinder valve and the leading edge of the RIC UAC male fitting shall be a maximum of 100 mm (4 in.).

Submitter Information Verification

Submitter Full Name: David Trebisacci
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jan 05 15:43:52 EST 2016

Committee Statement

Committee Statement: The technical committee believes that this requirement should be a subset of paragraph 6.4.2.
Response Message:

Ballot Results

This item has passed ballot

22 Eligible Voters
1 Not Returned
21 Affirmative All
0 Affirmative with Comments
0 Negative with Comments
0 Abstention

Not Returned
Anderson, Edward

Affirmative All
Adams, Craig
Barker, Daniel J.
Beals, Gary
Bray, Shane
Clifford, Brian J.
Connell, Caoimhin P.
Corrado, Steven D.
Gainey, Robin R.
Lancaster, Beth C.
Lewis, Evan
Mayhue, Clint
Montgomery, Brian
Morey, Chad A.
Morgan, Judge W.
Robinson, Casandra W.
Roncone, Ed
Sanders, Stephen R.
Sell, Robert
Sterett, Randy
Szalajda, Jonathan V.
Weinstein, Steven H.
6.4.3

A if the SCBA is equipped with an RIC UAC, a separate self-resetting relief valve shall be installed on the SCBA to protect the SCBA against over pressurization.
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<thead>
<tr>
<th>Lancaster, Beth C.</th>
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