Second Revision No. 236-NFPA 101-2013 [ Section No. 12.2.3.3 ]

12.2.3.3 Width Modifications.
The minimum clear widths shown in Table 12.2.3.2 shall be modified in accordance with all of the following:

(1) If risers exceed 7 in. in height, the stair width in Table 12.2.3.2 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 7}{5}$$  \[12.2.3.3(1)\]

(2) If risers exceed 178 mm in height, the stair width in Table 12.2.3.2 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 178}{125}$$  \[12.2.3.3(2)\]

(3) Stairs not having a handrail within a 30 in. (760 mm) horizontal distance shall be 25 percent wider than otherwise calculated; that is, their width shall be multiplied by factor $B$, where $B$ equals the following:

$$B = 1.25$$  \[12.2.3.3(3)\]

(4) Ramps steeper than 1 in 10 slope where used in ascent shall have their width increased by 10 percent; that is, their width shall be multiplied by factor $C$, where $C$ equals the following:

$$C = 1.10$$  \[12.2.3.3(4)\]

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 14:16:39 EDT 2013

Committee Statement

Committee Statement: Editorial tagging of equations for compliance with NFPA style manual.
Response Message:
Second Revision No. 97-NFPA 101-2013 [ New Section after 12.2.5.6.4.1 ]

12.2.5.6.4.2
Aisle stairs shall comply with 7.2.2 except as otherwise addressed by this chapter.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jun 24 19:22:16 EDT 2013

Committee Statement

Committee Statement: Clarifies that the intent of the aisle stair provisions is to meet Chapter 7 except as otherwise modified.
Response Message:
12.2.5.6.4.2*  
Transitions in aisle stairs shall comply with the following:

(1) Aisle terminations shall not be required to exceed 14 in. (355 mm) in the direction of travel.

(2) Where a transition occurs between two aisle stairs with the same tread depth, the transition shall not be required to exceed 30 in. (760 mm) in the direction of travel.

(3) Where a transition occurs between an aisle stair to another aisle stair with deeper treads in a straight run in the descending direction, the transition shall not be required to exceed 22 in. (560 mm) in the direction of travel.

(4) Where a transition occurs between an aisle stair to another aisle stair with narrower treads in a straight run in the descending direction, the transition shall not be required to exceed 30 in. (760 mm) in the direction of travel.

(5) Steps in aisle transitions around a vomitory shall be permitted.

(6) The leading edge of treads adjacent to transitions shall be indicated by a distinctive marking stripe.
### 12.2.5.6.6 Aisle Stair Risers.

Aisle stair risers shall meet all of the following criteria:

1. Riser heights shall be not less than 4 in. (100 mm) in aisle stairs, unless aisle stairs are those in folding and telescopic seating.

2. The riser height of aisle stairs in folding and telescopic seating shall be permitted to be not less than 3½ in. (90 mm).

3. Riser heights shall not exceed 8 in. (205 mm), unless otherwise permitted by 12.2.5.6.6(4) or 12.2.5.6.6(5).

4. The riser height of aisle stairs in folding and telescopic seating shall be permitted to be not more than 11 in. (280 mm).

5. Where the gradient of an aisle is steeper than 8 in. (205 mm) in rise in 11 in. (280 mm) of run for the purpose of maintaining necessary sight lines in the adjoining seating area, the riser height shall be permitted to exceed 8 in. (205 mm) but shall not exceed 9 in. (230 mm).

6. Riser heights shall be designed to be uniform in each aisle, and the construction-caused nonuniformities shall not exceed \( \frac{3}{16} \) in. (4.8 mm) between adjacent risers, unless the conditions of 12.2.5.6.6(7) or 12.2.5.6.6(8) are met.

7. Riser height shall be permitted to be nonuniform where both of the following criteria are met:
   (a) The nonuniformity shall be only for the purpose of accommodating changes in gradient necessary to maintain sight lines within a seating area, in which case the riser height nonuniformity shall be permitted to exceed \( \frac{3}{16} \) in. (4.8 mm) in any flight but shall not be greater than \( \frac{1}{2} \) in. (13 mm) between adjacent risers.
   (b) Reserved.
   (c) Where nonuniformities exceed \( \frac{3}{16} \) in. (4.8 mm) between adjacent risers, the exact location of such nonuniformities shall be indicated by a distinctive marking stripe on each tread at the nosing or leading edge adjacent to the nonuniform risers.

8. Construction-caused nonuniformities in riser height shall be permitted to exceed \( \frac{3}{16} \) in. (4.8 mm) where all of the following criteria are met:
   (a) The riser height shall be designed to be nonuniform.
   (b) The construction-caused nonuniformities shall not exceed \( \frac{3}{8} \) in. (10 mm) where the aisle tread depth is less than 22 in. (560 mm).
   (c) The construction-caused nonuniformities shall not exceed \( \frac{3}{4} \) in. (19 mm) where the aisle tread depth is 22 in. (560 mm) or greater.
   (d) Where nonuniformities exceed \( \frac{3}{16} \) in. (4.8 mm) between adjacent risers, the exact location of such nonuniformities shall be indicated by a distinctive marking stripe on each tread at the nosing or leading edge adjacent to the nonuniform risers.
Committee Statement

Committee Statement: The change is tied to the new text of 12.2.5.6.8. The current code permits unlimited nonuniformity which can create an unacceptable condition for new construction.
Aisle Landings.

Where the path of travel on a stair, an aisle stair, or aisle ramp continues to another stair of different rise or tread depth, another aisle stair of different rise or tread depth, or another aisle ramp of different slope, there shall be a landing whose depth is equal to or greater than the width of the aisle stair or ramp, unless otherwise permitted by one of the following:

1. No landing is required within aisle stairs with nonuniform risers, as permitted by 12.2.5.6.6(7).
2. No landing is required between aisle ramps of different slopes.
3. No landing is required between an aisle ramp and an aisle accessway or between an aisle stair and an aisle accessway.
4. A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with the same tread depths or between an aisle stair and another aisle stair with the same tread depths.
5. A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with greater tread depth in the descending direction and between an aisle stair and another aisle stair with greater tread depth in the descending direction.
6. A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with less tread depth in the descending direction and between an aisle stair and another aisle stair with less tread depth in the descending direction.
7. A minimum 22 in. (560 mm) deep landing is permitted between an aisle ramp and a stair and between an aisle ramp and an aisle stair.
8. No landing depth need exceed 48 in. (1220 mm).

Submitter Information Verification

Submitter Full Name: [Not Specified]
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 12:20:13 EDT 2013

Committee Statement

Committee Statement: This proposed change brings clarity to conditions that are commonly found in assembly seating but currently lack requirements form that previously proposed.

Response Message:
SAF-AXM SECOND REVISIONS WITH STATEMENTS

Public Comment No. 54-NFPA 101-2013 [Section No. 12.2.5.6.4.2]
### 12.2.5.6.9.1
Aisle transition stairs shall comply with the following:

1. Aisle transition stairs without seating at either side shall be provided with handrails on both sides of the aisle.
2. Where an aisle stair leading to the aisle transition stair includes a center handrail, a center handrail shall also be provided on the aisle transition stair.

---

**Submitter Information Verification**

- **Submitter Full Name:** [ Not Specified ]
- **Organization:** [ Not Specified ]
- **Street Address:**
- **City:**
- **State:**
- **Zip:**
- **Submittal Date:** Mon Jun 24 16:26:57 EDT 2013

**Committee Statement**

- **Committee Statement:** Repositioned to 12.2.5.6.8.6 and 12.2.5.6.8.7.
- **Response Message:**
Second Revision No. 91-NFPA 101-2013 [ New Section after 12.2.5.6.8.5 ]

12.2.5.6.9.5
Where an aisle transition stair does not have seating at its sides, a handrail shall be provided on both sides of the aisle, and the provision of 12.2.5.6.9.6 shall also apply.

12.2.5.6.9.6
Where an aisle stair leading to the aisle transition stair is provided with a center handrail and the aisle landing is less than 48 in. (1220 mm) in the direction of travel, a center handrail shall also be provided on the aisle transition stair.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 16:25:27 EDT 2013

Committee Statement

Committee Statement: This replaces the first draft requirements and makes it clearer for what is intended for the use of a center handrail in a transition aisle stair.
Second Revision No. 224-NFPA 101-2013 [ Section No. 12.3.2.3 ]

12.3.2.3
Alcohol-based hand-rub dispensers in accordance with 8.7.3.3 shall be permitted.

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 10:33:16 EDT 2013

Committee Statement

Committee Statement: The provisions for ABHR dispensers are being moved to 12.4.5 for consistency with the Correlating Committee directive that such provisions be positioned in the __.4 Special Provisions section, rather than in the __.3.2 subsection, to avoid conflict with 7.5.1.6.

Response Message:
12.4.1.5.2 Facility Management and Operational Plans.
Facility management and operational plans shall address the following:

(1) Best practices adopted or recognized
(2) Emergency plans
(3) Evacuation plans
(4) Shelter-in-place plans, including capacities and protection considerations
(5) Crowd management training plan
(6) Safety plans, which include the following:
   (a) Training plans
   (b) Safety equipment plans
(7) Fire alarm, smoke system protocol, and testing plans
(8) First aid or medical treatment plans, which include the following:
   (a) Defined levels of service
   (b) Standing orders adopted
   (c) Supply and equipment plan
(9) Housekeeping plans — biological, medical, hazardous materials cleaning
(10) Emergency communication plans, which include the following:
    (a) Chain of authority and incident command system employed
    (b) Contact information for the following:
       i. Venue personnel
       ii. Emergency management and response organizations (e.g., fire, police, medical, utility, transportation, key stakeholders)
    (c) Communication systems
    (d) Standard announcement for incidents or emergency situations
(11) Risk and threat assessment for venue and surrounding area for the following:
    (a) Severe weather
    (b) Hazardous materials
    (c) Terrorism
    (d) Hostile intruder
(12) Operating procedures and protocols for risks, such as the following:
    (a) Severe weather preparedness and monitoring plans
    (b) Hazardous materials incidence response plans
    (c) Terrorism response plans
    (d) Hostile intruder response plans
(13) First responder response/arrival routes plans
(14) Alcohol management plans
(15) Food safety plans
(16) Rigging and temporary performance structure, which includes the following:
   (a) Design and safety review plans
   (b) Emergency action plans
(17) Chemical and hazardous materials information and data
(18) Barrier and wall protection plans for motor sports or similar events

Submitter Information Verification

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<th>Not Specified</th>
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<tr>
<td>Street Address:</td>
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<td>Mon Jun 24 17:15:18 EDT 2013</td>
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Committee Statement

Committee Statement: Recent occurrences have demonstrated that hostile intruders would not adequately be addressed since it is not really terrorism. Therefore, the two proposed changes are needed.

Response Message:
Public Comment No. 56-NFPA 101-2013 [Section No. 12.4.1.5.2]
Second Revision No. 238-NFPA 101-2013 [Section No. 12.4.2.6]

12.4.2.6
The minimum clear widths shown in Table 12.4.2.3 and Table 12.4.2.4.1 shall be modified in accordance with all of the following:

1) If risers exceed 7 in. in height, the stair width in Table 12.4.2.3 and Table 12.4.2.4.1 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 7}{5}$$

2) If risers exceed 178 mm in height, the stair width in Table 12.4.2.3 and Table 12.4.2.4.1 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 178}{125}$$

3) Stairs not having a handrail within a 30 in. (760 mm) horizontal distance shall be 25 percent wider than otherwise calculated; that is, their width shall be multiplied by factor $B$, where $B$ equals the following:

$$B = 1.25$$

4) Ramps steeper than 1 in 10 slope where used in ascent shall have their width increased by 10 percent; that is, their width shall be multiplied by factor $C$, where $C$ equals the following:

$$C = 1.10$$

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Tue Jul 02 14:18:48 EDT 2013

Committee Statement

Committee Statement: Editorial tagging of equations for compliance with NFPA style manual.
12.4.5 Alcohol-Based Hand-Rub Dispensers.

Alcohol-based hand-rub dispensers in accordance with 8.7.3.3 shall be permitted.

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 10:35:51 EDT 2013

Committee Statement

Committee Statement: The provisions for ABHR dispensers are being moved to 12.4.5 for consistency with the Correlating Committee directive that such provisions be positioned in the ___.4 Special Provisions section, rather than in the ___3.2 subsection, to avoid conflict with 7.5.1.6.

Response Message:
12.7.6.4*
The training for the duties and responsibilities of crowd managers shall include the following:

(1) Role Understanding crowd manager roles and responsibilities of the crowd manager

(2) Understanding safety and security hazards that can endanger public assembly

(3) Understanding and managing crowds crowd management techniques

(4) Introduction to fire safety and fire safety equipment

(5) Understanding methods of evacuation and movement

(6) Introduction to the venue Understanding procedures for reporting emergencies

(7) Understanding venue services, policies, and crowd management emergency response procedures

(8) Understanding the venue’s facility exit paths and exits, facility evacuation and emergency response and evacuation plan and procedures and, where provided, facility shelter-in-place procedures

Familiarization with the venue and guest services training

(9) Other specific event-warranted training

12.7.6.5
The training for the duties and responsibilities of crowd manager supervisors shall include the following:

(1) The duties described in 12.7.6.4

(2) Role and responsibilities of the Understanding crowd manager supervisor roles and responsibilities

(3) Understanding of incident management procedures

(4) Understanding of the venue’s layout and design facility evacuation plan

(5) Introduction to the venue’s Understanding the facility command structure
<table>
<thead>
<tr>
<th>Committee Statement</th>
<th>Clarification and focus on items the crowd manager specifically needs to know.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Response Message</td>
<td></td>
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</tbody>
</table>
13.2.3.3 Width Modifications.
The minimum clear widths shown in Table 13.2.3.2 shall be modified in
accordance with all of the following:

1. If risers exceed 7 in. in height, the stair width in Table 13.2.3.2 shall be
   multiplied by factor \( A \), where \( A \) equals the following:
   \[
   A = 1 + \frac{\text{riser height} - 7}{5}
   \]  \[13.2.3.3(1)\]

2. If risers exceed 178 mm in height, the stair width in Table 13.2.3.2 shall be
   multiplied by factor \( A \), where \( A \) equals the following:
   \[
   A = 1 + \frac{\text{riser height} - 178}{125}
   \]  \[13.2.3.3(2)\]

3. Stairs not having a handrail within a 30 in. (760 mm) horizontal distance shall
   be 25 percent wider than otherwise calculated; that is, their width shall be
   multiplied by factor \( B \), where \( B \) equals the following:
   \[
   B = 1.25
   \]  \[13.2.3.3(3)\]

4. Ramps steeper than 1 in 10 slope where used in ascent shall have their width
   increased by 10 percent; that is, their width shall be multiplied by factor \( C \),
   where \( C \) equals the following:
   \[
   C = 1.10
   \]  \[13.2.3.3(4)\]
Second Revision No. 98-NFPA 101-2013 [ New Section after 13.2.5.6.4.1 ]

13.2.5.6.4.2
Aisle stairs, other than approved existing aisle stairs, shall comply with 7.2.2 except as otherwise addressed by this chapter.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 19:30:02 EDT 2013

Committee Statement

Committee Statement: Clarifies that the intent of the aisle stair provisions is to meet Chapter 7 except as otherwise modified.
Response Message:
Second Revision No. 86-NFPA 101-2013 [ Section No. 13.2.5.6.4.2 ]

13.2.5.6.4.2*
Transitions in aisle stairs shall comply with the following:

(1) Aisle terminations shall not be required to exceed 14 in. (355 mm) in the direction of travel.

(2) Where a transition occurs between two aisle stairs with the same tread depth, the transition shall not be required to exceed 30 in. (760 mm) in the direction of travel.

(3) Where a transition occurs between an aisle stair to another aisle stair with deeper treads in a straight run in the descending direction, the transition shall not be required to exceed 22 in. (560 mm) in the direction of travel.

(4) Where a transition occurs between an aisle stair to another aisle stair with narrower treads in a straight run in the descending direction, the transition shall not be required to exceed 30 in. (760 mm) in the direction of travel.

(5) Steps in aisle transitions around a vomitory shall be permitted.

(6) The leading edge of treads adjacent to transitions shall be indicated by a distinctive marking stripe.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 12:49:45 EDT 2013

Committee Statement

Committee Statement: The text added at the First Revision stage is being replaced by the new text of 13.2.5.6.8.

Response Message:
13.2.5.6.6 Aisle Stair Risers.
Aisle stair risers shall meet the following criteria:

(1) Riser heights shall be not less than 4 in. (100 mm) in aisle stairs, unless aisle stairs are those in folding and telescopic seating.

(2) The riser height of aisle stairs in folding and telescopic seating shall be permitted to be not less than 3½ in. (90 mm).

(3) Riser heights shall not exceed 8 in. (205 mm), unless otherwise permitted by 13.2.5.6.6(4) or 13.2.5.6.6(5).

(4) The riser height of aisle stairs in folding and telescopic seating shall be permitted to be not more than 11 in. (280 mm).

(5) Where the gradient of an aisle is steeper than 8 in. (205 mm) in rise in 11 in. (280 mm) of run for the purpose of maintaining necessary sight lines in the adjoining seating area, the riser height shall be permitted to exceed 8 in. (205 mm) but shall not exceed 11 in. (280 mm).

(6) Riser heights shall be designed to be uniform in each aisle, and the construction-caused nonuniformities shall not exceed 3⁄16 in. (4.8 mm) between adjacent risers, unless the conditions of 13.2.5.6.6(7) or 13.2.5.6.6(8) are met.

(7) Riser height shall be permitted to be nonuniform where both all of the following criteria are met:

(a) The uniformity nonuniformity shall be only for the purpose of accommodating changes in gradient necessary to maintain sight lines within a seating area, in which case the riser height nonuniformity shall be permitted to exceed 3⁄16 in. (4.8 mm) in any flight but shall not be greater than 1⁄2 in. (13 mm) between adjacent risers.

(b) Approved existing nonuniformities for the purpose of accommodating changes in gradient necessary to maintain sight lines within a seating area shall be permitted.

(c) Where nonuniformities exceed 3⁄16 in. (4.8 mm) between adjacent risers, the exact location of such nonuniformities shall be indicated by a distinctive marking stripe on each tread at the nosing or leading edge adjacent to the nonuniform risers.

(8) Construction-caused nonuniformities in riser height shall be permitted to exceed 3⁄16 in. (4.8 mm) where all of the following criteria are met:

(a) The riser height shall be designed to be nonuniform.

(b) The construction-caused nonuniformities shall not exceed 3⁄8 in. (10 mm) where the aisle tread depth is less than 22 in. (560 mm).

(c) The construction-caused nonuniformities shall not exceed 3⁄4 in. (19 mm) where the aisle tread depth is 22 in. (560 mm) or greater.

(d) Where nonuniformities exceed 3⁄16 in. (4.8 mm) between adjacent risers, the exact location of such nonuniformities shall be indicated by a distinctive marking stripe on each tread at the nosing or leading edge adjacent to the nonuniform risers.
Submittal Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip:
Submittal Date: Mon Jun 24 12:28:26 EDT 2013

Committee Statement

Committee Statement: The change is tied to the new text of 13.2.5.6.8. The current code permits unlimited nonuniformity which can create an undesirable condition but the AHJ needs the authority to approve an existing situation that does not meet the new requirement.

Response Message:
13.2.5.6.8 Aisle Landings.
When the path of travel on a stair, an aisle stair, or aisle ramp continues to another stair of different rise or tread depth, another aisle stair of different rise or tread depth, or another aisle ramp of different slope, there shall be a landing whose depth is equal to or greater than the width of the aisle stair or ramp, unless otherwise permitted by one of the following:

(1) No landing is required within aisle stairs with nonuniform risers as permitted by 13.2.5.6.6(7).
(2) No landing is required between aisle ramps of different slopes.
(3) No landing is required between an aisle ramp and an aisle accessway or between an aisle stair and an aisle accessway.
(4) A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with the same tread depths or between an aisle stair and another aisle stair with the same tread depths.
(5) A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with greater tread depth in the descending direction and between an aisle stair and another aisle stair with greater tread depth in the descending direction.
(6) A minimum 30 in. (760 mm) deep landing is permitted between an aisle stair and a stair with less tread depth in the descending direction and between an aisle stair and another aisle stair with less tread depth in the descending direction.
(7) A minimum 22 in. (560 mm) deep landing is permitted between an aisle ramp and a stair and between an aisle ramp and an aisle stair.
(8) No landing depth need exceed 48 in. (1220 mm).
(9) Approved existing installations shall be permitted.
<table>
<thead>
<tr>
<th>Committee Statement:</th>
<th>This proposed change brings greater clarity to conditions that are commonly found in assembly seating but currently lack requirements from that previously proposed. Subitem 9 was added to permit existing approved installations to be continued in use</th>
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<td>Response Message:</td>
<td></td>
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</tbody>
</table>
13.2.5.6.8.1
Aisle transition stairs shall comply with the following:

1. Aisle transition stairs without seating at either side shall be provided with handrails on both sides of the aisle.

2. Where an aisle stair leading to the aisle transition stair includes a center handrail, a center handrail shall also be provided on the aisle transition stair.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jun 24 16:28:21 EDT 2013

Committee Statement

Committee Statement: Repositioned 13.2.5.6.8.6 and 13.2.5.6.8.7.
Response Message:
Second Revision No. 94-NFPA 101-2013 [ New Section after 13.2.5.6.8.5 ]

13.2.5.6.9.5
Where an aisle transition stair does not have seating at its sides, a handrail shall be provided on both sides of the aisle, and the provision of 13.2.5.6.9.6 shall also apply.

13.2.5.6.9.6
Where an aisle stair leading to the aisle transition stair is provided with a center handrail and the aisle landing is less than 48 in. (1220 mm) in the direction of travel, a center handrail shall also be provided on the aisle transition stair.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address: 
City: 
State: 
Zip: 
Submittal Date: Mon Jun 24 16:28:50 EDT 2013

Committee Statement

Committee Statement: This replaces the first draft requirements and makes it clearer for what is intended for the use of a center handrail in a transition aisle stair.
Response Message: 
Second Revision No. 226-NFPA 101-2013 [ Section No. 13.3.2.3 ]

13.3.2.3
Alcohol-based hand-rub dispensers in accordance with 8.7.3.3 shall be permitted.

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 10:38:11 EDT 2013

Committee Statement

Committee Statement: The provisions for ABHR dispensers are being moved to 13.4.5 for consistency with the Correlating Committee directive that such provisions be positioned in the __.4 Special Provisions section, rather than in the __.3.2 subsection, to avoid conflict with 7.5.1.6.

Response Message:
13.4.1.5.2 Facility Management and Operational Plans.
Facility management and operational plans shall address the following:

(1) Best practices adopted or recognized
(2) Emergency plans
(3) Evacuation plans
(4) Shelter-in-place plans including capacities and protection considerations
(5) Crowd management training plans
(6) Safety plans, which include the following:
   (a) Training plans
   (b) Safety equipment plans
(7) Fire alarm, smoke system protocol, and testing plans
(8) First aid or medical treatment plans, which include the following:
   (a) Defined levels of service
   (b) Standing orders adopted
   (c) Supply and equipment plan
(9) Housekeeping plans — biological, medical, hazardous materials cleaning
(10) Emergency communication plans, which include the following:
   (a) Chain of authority and incident command system employed
   (b) Contact information for the following:
      i. Venue personnel
      ii. Emergency management and response organizations (e.g., fire, police, medical, utility, transportation, key stakeholders)
   (c) Communication systems
   (d) Standard announcement for incidents or emergency situations
(11) Risk and threat assessment for venue and surrounding area for the following:
   (a) Severe weather
   (b) Hazardous materials
   (c) Terrorism
   (d) Hostile intruder
(12) Operating procedures and protocols for risks, such as the following:
   (a) Severe weather preparedness and monitoring plans
   (b) Hazardous materials incidence response plans
   (c) Terrorism response plans
SAF-AXM SECOND REVISIONS WITH STATEMENTS

(d) Hostile intruder response plans

(13) First responder response/arrival routes plans
(14) Alcohol management plans
(15) Food safety plans
(16) Rigging and temporary performance structure, which includes the following:
   (a) Design and safety review plans
   (b) Emergency action plans
(17) Chemical and hazardous materials information and data
(18) Barrier and wall protection plans for motor sports or similar events

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address:
City:
State:
Zip:
Submittal Date: Mon Jun 24 17:16:23 EDT 2013

Committee Statement

Committee Statement: Recent occurrences have demonstrated that hostile intruders would not adequately be addressed since it is not really terrorism. Therefore, the two proposed changes are needed.

Response Message:
Second Revision No. 240-NFPA 101-2013 [Section No. 13.4.2.6]

13.4.2.6
The minimum clear widths shown in Table 13.4.2.3 and Table 13.4.2.4.1 shall be modified in accordance with all of the following:

1. If risers exceed 7 in. in height, the stair width in Table 13.4.2.3 and Table 13.4.2.4.1 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 7}{5} \tag{13.4.2.6(1)}$$

2. If risers exceed 178 mm in height, the stair width in Table 13.4.2.3 and Table 13.4.2.4.1 shall be multiplied by factor $A$, where $A$ equals the following:

$$A = 1 + \frac{\text{riser height} - 178}{125} \tag{13.4.2.6(2)}$$

3. Stairs not having a handrail within a 30 in. (760 mm) horizontal distance shall be 25 percent wider than otherwise calculated; that is, their width shall be multiplied by factor $B$, where $B$ equals the following:

$$B = 1.25 \tag{13.4.2.6(3)}$$

4. Ramps steeper than 1 in 10 slope used in ascent shall have their width increased by 10 percent; that is, their width shall be multiplied by factor $C$, where $C$ equals the following:

$$C = 1.10 \tag{13.4.2.6(4)}$$

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 14:21:38 EDT 2013

Committee Statement

Committee Statement: Editorial tagging of equations for compliance with NFPA style manual.
Response Message:
13.4.5 Alcohol-Based Hand-Rub Dispensers.

Alcohol-based hand-rub dispensers in accordance with 8.7.3.3 shall be permitted.

Submitter Information Verification

Submitter Full Name: Ron Coté
Organization: National Fire Protection Assoc
Street Address:
City:
State:
Zip:
Submittal Date: Tue Jul 02 10:39:53 EDT 2013

Committee Statement

Committee Statement: The provisions for ABHR dispensers are being moved to 13.4.5 for consistency with the Correlating Committee directive that such provisions be positioned in the __.4 Special Provisions section, rather than in the __.3.2 subsection, to avoid conflict with 7.5.1.6.

Response Message:
13.7.6.4*
The training for the duties and responsibilities of crowd managers shall include the following:

1. **Role Understanding** crowd manager roles and responsibilities of the crowd manager
2. Understanding **safety and security** hazards that can endanger public assembly
3. Understanding **and managing crowds** crowd management techniques
4. Introduction to fire safety and fire safety equipment
5. Understanding methods of evacuation and movement
6. **Introduction to the venue** Understanding procedures for reporting emergencies
7. Understanding venue services, policies, and crowd management emergency response procedures
8. Understanding the venue’s **facility exit paths and exits, facility evacuation and emergency response and evacuation plan and procedures and, where provided, facility shelter-in-place procedures**
   - **Familiarization with the venue and guest services training**
9. Other specific event-warranted training

13.7.6.5
The training for the duties and responsibilities of crowd manager supervisors shall include the following:

1. The duties described in 13.7.6.4
2. **Role Understanding** crowd manager supervisor roles and responsibilities of the crowd manager supervisor
3. Understanding incident management procedures
4. Understanding the venue’s layout and design **facility evacuation plan**
5. **Introduction to the venue’s** Understanding the facility command structure
<table>
<thead>
<tr>
<th>Committee Statement</th>
<th>Clarification and focus on items the crowd manager specifically needs to know.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Response Message</td>
<td></td>
</tr>
</tbody>
</table>
A.12.2.5.6.4.2
Landings for aisle stairs should not be required.

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
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State: [ Not Specified ]
Zip: [ Not Specified ]
Submittal Date: Mon Jun 24 12:48:06 EDT 2013

Committee Statement

Committee Statement: The paragraph to which the annex text was tied was deleted.
Response Message:
In large facilities, crowd managers typically have a specific area of responsibility.
In such facilities, the requirements of 12.7.6.4 might apply only to the crowd
managers' area of responsibility.

Committee Statement

Committee Statement:
Annex text on division of responsibility of crowd managers is needed.
Second Revision No. 85-NFPA 101-2013 [ Section No. A.13.2.5.6.4.2 ]

| A.13.2.5.6.4.2 | Landings for aisle stairs should not be required. |

Submitter Information Verification

Submitter Full Name: [ Not Specified ]
Organization: [ Not Specified ]
Street Address: [ Not Specified ]
City: [ Not Specified ]
State: [ Not Specified ]
Zip: [ Not Specified ]
Submittal Date: Mon Jun 24 12:49:10 EDT 2013

Committee Statement

Committee Statement: The paragraph to which the annex text was tied was deleted.
Response Message:
Second Revision No. 89-NFPA 101-2013 [ New Section after A.13.7.6.2 ]

A.13.7.6.4
In large facilities, crowd managers typically have a specific area of responsibility. In such facilities, the requirements of 13.7.6.4 might apply only to the crowd managers' area of responsibility.

Submitter Information Verification

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Submittal Date: Mon Jun 24 16:14:08 EDT 2013

Committee Statement

Committee Statement: Annex text on division of responsibility of crowd managers is needed.
Response Message: