



Tentative Interim Amendment

NFPA[®] 101[®]

Life Safety Code[®]

2021 Edition

Reference: Section 4.6.13, A.4.6.13, 4.6.13.1, 4.6.13.2, 4.6.14, 4.6.14.1 (new), 4.6.14.2 (new)

TIA 21-1

(SC 21-4-14/ TIA Log #1559)

Pursuant to Section 5 of the NFPA *Regulations Governing the Development of NFPA Standards*, the National Fire Protection Association has issued the following Tentative Interim Amendment to NFPA 101, *Life Safety Code*, 2021 edition. The TIA was processed by the Technical Committee on Fundamentals and the Correlating Committee on Safety to Life, and was issued by the Standards Council on April 15, 2021, with an effective date of May 5, 2021.

1. *Revise Section 4.6.13 and A.4.6.13 to read as follows:*

4.6.13* Noncombustible Material.

A.4.6.13 The provisions of 4.6.13 do not require inherently noncombustible materials to be tested in order to be classified as noncombustible materials. [5000:A.7.1.4.1]

4.6.13.1

A material that complies with any one of the following shall be considered a noncombustible material:

- (1) ~~*A-The material that~~, in the form in which it is used, and under the conditions anticipated, will not ignite, burn, support combustion, or release flammable vapors when subjected to fire or heat.
- (2) ~~A-The material that~~ is reported as passing ASTM E136, *Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750°C*.
- (3) ~~A~~ The material ~~that~~ is reported as complying with the pass/fail criteria of ASTM E136 when tested in accordance with the test method and procedure in ASTM E2652, *Standard Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750°C*.

[5000:7.1.4.1.1]

4.6.13.2 Where the term *limited-combustible* is used in this *Code*, it shall also include the term *noncombustible*.

[5000:7.1.4.1.2]

2. *Revise Section 4.6.14 to read as follows:*

4.6.14* Limited-Combustible Material. A material shall be considered a limited-combustible material where ~~both one~~ of the following ~~are~~ is met:

- (1) ~~The material does not comply with the requirements for a noncombustible material in accordance with 4.6.13. The conditions of 4.6.14.1 and 4.6.14.2, and the conditions of either 4.6.14.3 or 4.6.14.4, shall be met.~~
- (2) ~~The material, in the form in which it is used, exhibits a potential heat value not exceeding 3500 Btu/lb (8141 kJ/kg) when tested in accordance with NFPA 259. The conditions of 4.6.14.5 shall be met.~~

[5000:7.1.4.2]

4.6.14.1 The material does not comply with the requirements for a noncombustible material in accordance with 4.6.13.

[5000:7.1.4.2.1]

4.6.14.2 The material, in the form in which it is used, exhibits a potential heat value not exceeding 3500 Btu/lb (8141 kJ/kg) when tested in accordance with NFPA 259. [5000:7.1.4.2.2]

~~4.6.14.13~~ The material shall have ~~the~~ a structural base of a noncombustible material with a surfacing not exceeding a thickness of 1/8 in. (3.2 mm) where the surfacing exhibits a flame spread index not greater than 50 when tested in accordance with ASTM E84, *Standard Test Method for Surface Burning Characteristics of Building Materials*, or UL 723, *Test for Surface Burning Characteristics of Building Materials*. [~~5000:7.1.4.2.43~~]

~~4.6.14.24~~ The material shall be composed of materials; that in the form and thickness used; neither exhibit a flame spread index greater than 25 nor exhibit evidence of continued progressive combustion when tested in accordance with ASTM E84 or UL 723 and are of such composition that all surfaces that would be exposed by cutting through the material on any plane would neither exhibit a flame spread index greater than 25 nor exhibit evidence of continued progressive combustion when tested in accordance with ASTM E84 or UL 723. [~~5000:7.1.4.2.24~~]

~~4.6.14.35~~ Materials shall be considered limited-combustible materials where tested in accordance with ASTM E2965, *Standard Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter*, at an incident heat flux of 75 kW/m² for a 20-minute exposure, and both the following conditions are met:

- (1) The peak heat release rate shall not exceed 150 kW/m² for longer than 10 seconds.
- (2) The total heat released shall not exceed 8 MJ/m².

[~~5000:7.1.4.2.35~~]

~~4.6.14.4~~ ~~4.6.14.6~~ Where the term *limited-combustible* is used in this *Code*, it shall also include the term *noncombustible*. [~~5000:7.1.4.2.4~~ ~~7.1.4.2.6~~]

Issue Date: April 15, 2021

Effective Date: May 5, 2021

(Note: For further information on NFPA Codes and Standards, please see www.nfpa.org/docinfo)

Copyright © 2021 All Rights Reserved
NATIONAL FIRE PROTECTION ASSOCIATION