



Tentative Interim Amendment

NFPA[®] 502

Standard for Road Tunnels, Bridges, and Other Limited Access Highways

2011 Edition

Reference: 12.1.2 and A.12.1.2

TIA 11-2

(SC 13-8-20/TIA Log #1083)

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 502, *Standard for Road Tunnels, Bridges, and Other Limited Access Highways*, 2011 edition. The TIA was processed by the Technical Committee on Road Tunnel and Highway Fire Protection, and was issued by the Standards Council on August 1, 2013, with an effective date of August 20, 2013.

A Tentative Interim Amendment is tentative because it has not been processed through the entire standards-making procedures. It is interim because it is effective only between editions of the standard. A TIA automatically becomes a public input of the proponent for the next edition of the standard; as such, it then is subject to all of the procedures of the standards-making process.

1. Revise 12.1.2 and 12.1.2*(1) to read as follows:

12.1.2* Emergency circuits installed in a road tunnel and ancillary areas shall remain functional for a period of not less than 1 hour, for the anticipated fire condition, by one of the following methods:

(1)* Fire-resistive cables shall be tested by an approved testing laboratory in a totally enclosed furnace using the ASTM E 119 time-temperature curve.

- (a) The cables shall demonstrate functionality for no less than 2 hours as described in the ANSI/UL 2196 test standard
- (b) Testing shall be performed in the type and configuration of raceway in which they are intended to be installed
- (c) Provide documentation to include a full description of the actual test procedure conducted and a list of acceptable components to be used for installation certifying compliance with the test procedure

12.1.2(2) text remains unchanged.

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

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