

NFPA 80-2016 Edition

Standard for Fire Doors and Other Opening Protectives

TIA Log No.: 1191

Reference: 19.4.4, 19.4.6, 19.5.3.3 and 19.5.2.3

Comment Closing Date: October 16, 2015

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1. Revise section 19.4.4 to read as follows:

19.4.4 If the damper is equipped with a variable air volume system ~~in accordance with 5.2.1~~, acceptance testing shall be conducted after the building mechanical ventilation system has been balanced and in operation under maximum air flow.

2. Revise section 19.4.6 to read as follows:

19.4.6 A record of these inspections and testing shall be made in accordance with ~~5.2.2~~ 19.5.3.

3. Revise section 19.5.2.3 to read as follows:

19.5.2.3 Periodic Testing for Dampers that Do Not Use a Fusible Link to Operate.
~~Once the fusible link is removed it shall be verified that the damper closes completely without assistance.~~

4. Delete section 19.5.3.3 as follows:

~~**19.5.3.3** Periodic inspections and testing of a combination fire/smoke damper shall also meet the inspection and testing requirements contained in Chapter 7 of NFPA 105.~~

Substantiation: Item 1 – Section 19.4.4 makes an incorrect reference to Section 5.2.1 which implies that if the damper is equipped with a variable air volume system, the air volume system is in accordance with Section 5.2.1 which is not relevant or applicable. The reference to 5.2.1 is incorrect and not needed.

Item 2 – Section 5.2.2 provides documentation requirements for those opening protective addressed by Chapter 5, which does not include dampers. The documentation provisions for inspection and testing of fire dampers is found in Section 19.5.3.

Item 3 – The text in section 19.5.2.3 directly contradicts the title of the section. Removing the sentence under section 19.5.2.3 eliminates the contradiction without changing the intended requirements of the standard. The deleted sentence was inadvertently left in during the editing.

Item 4– There is a contradiction between NFPA 80 and 105 as to which standard governs the periodic inspection and testing requirements of combination fire/smoke dampers. Removing section 19.5.3.3 from NFPA 80 eliminates the contradiction between the two standards. The result is that the periodic inspection and testing requirements for combination fire/smoke dampers would reside in NFPA 80 only. Since combination fire smoke dampers are available

with or without fusible links and fusible links are only dealt with in NFPA 80, that is where combination fire smoke dampers belong.

An alternative fix would be to add the word “also” to section 7.6.1.2 of NFPA 105 (i.e. “shall also be inspected...”). That would result in combination fire smoke dampers having to follow both standards. Since the requirements in 105 are identical to the requirements for a dampers without fusible links in 80, requiring combination fire smoke dampers to follow both standards seems unnecessary.

Emergency Nature: This is urgent as the committee approved language will cause significant confusion. These corrections do not change the intent of the committee.

Anyone may submit a comment by the closing date indicated above. To submit a comment, please identify the number of the TIA and forward to the [Secretary, Standards Council](#), 1 Batterymarch Park, Quincy, MA 02169-7471.