APPROVED BY THE CALIFORNIA BUILDING STANDARDS COMMISSION   
AUGUST 1, 2023

**AMENDED JUSTIFICATION #1  
FOR PROPOSED BUILDING STANDARDS OF  
THE STATE FIRE MARSHAL  
REGARDING THE 2022 CALIFORNIA MECHANICAL CODE,  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 4  
(SFM 05/22)**

OFFICE OF THE STATE FIRE MARSHAL

**SFM 05/22 Part 4, 2022 California Mechanical Code**

Pursuant to Safety Code Section 18930 and California Administrative Code 1-417 (a)(4), DSA-AC proposes to further amend the following chapter:

Chapter 6, DUCT SYSTEMS

Section *609.1.1 Duct Smoke Detectors*

**Item Number**

**SFM 05/22-4-2**

***609.1.1 Duct Smoke Detectors.***

SFM proposes to adopt new section that was Approved as Amended by the Commission at the August 1, 2023, Commission Meeting. The Commission determined that removing the additional comma in section 609.1.1 was necessary to clarify the intent. SFM agrees with the Commission. There is no fiscal impact for modifying this section.

***609.1.1 Duct Smoke Detectors.*** *Duct smoke detectors shall comply with UL 268A, shall be labeled by an approved agency, approved~~,~~*[The comma is removed during August 1, 2023, meeting by the Commission and agreed to by the Agency. See the justification above.] *and listed by California State Fire Marshal, and shall be installed in accordance with the manufacturer’s installation instructions. Such devices shall be compatible with the operating velocities, pressures, temperatures, and humidity’s of the system. Where fire-detection or alarm systems are provided for the building, the smoke detectors shall be supervised by such systems in an approved manner and installed in accordance with NFPA 72 and the California Building and Fire Codes.*

*High-rise buildings having occupied floors located more than 75 feet above the lowest level of building access shall be provided with duct smoke detection in accordance with section 609.1 and the California Fire Code, Section 907.2.13.1.*

**Notation:**

Authority: Health and Safety Code Sections 1250, 1502, 1568.02, 1569.72 -1569.78, 1597.44 - 1597.65, 13108, 13108.5, 13114, 13143, 13143.2, 13143.6, 13145, 13146, 13211, 16022.5, 17921, 18928, 18949.2, 25500 through 25545; Government Code Sections 51176, 51177, 51178 and 51179, 51189; Education Code Section 17074.50; Public Resources Code Sections 4201 through 4204.

Reference(s): Health and Safety Code Sections 13108, 13108.5, 13113, 13113.5, 13114, 13132, 13132.7, 13133, 13135, 13143, 13143.1, 13143.2, 13143.6, 13143.9, 13145, 13146, 13210, 13211, 16022.5, 17921.