

1305.0909 SECTION 909, SMOKE CONTROL SYSTEMS.

Subpart 1. [Repealed, 39 SR 1605]

Subp. 1a. **IBC [F] section 909.1.** IBC [F] section 909.1 is amended to read:

909.1 Scope and purpose. This section applies to mechanical or passive smoke control systems for new buildings or portions of new buildings when they are required by other provisions of this code. The purpose of this section is to establish minimum requirements for the design, installation, and acceptance testing for smoke control systems that are intended to provide a tenable environment for the evacuation or relocation of occupants and for fire suppression and overhaul efforts. These provisions are not intended for the preservation of contents or the timely restoration of operations.

Subp. 1b. **IBC [F] section 909.4.6.** IBC [F] section 909.4.6 is amended to read:

909.4.6 Duration of operation. All portions of the active or passive smoke control system shall be capable of continued operation after detection of the fire event for a period of not less than 20 minutes. System design shall be for 20 minutes; however, fans shall continue to operate after 20 minutes and shall continue to operate automatically for smoke removal during fire suppression and overhaul efforts for a minimum of 5 minutes for every 10 feet vertically of protected space.

Subp. 1c. **IBC [F] section 909.4.8.** IBC [F] section 909.4 is amended by adding a section to read:

909.4.8 Door opening force. With any of the design methods allowed by Section 909, the door opening force, latch release, and set-in-motion force shall comply with Section 1010.1.3 requirements when the system is in smoke control mode.

Subp. 1d. **IBC [F] section 909.22.** IBC [F] section 909 is amended by adding a section to read as follows:

909.22 High-rise and covered mall smoke-exhaust systems. High-rise buildings, not provided with a smoke control or a post-fire smoke exhaust system, shall be equipped with a smoke removal system installed in accordance with this code. Covered mall buildings exceeding 50,000 square feet (4,645 m²) in floor area, excluding anchor stores, and not provided with a smoke control system, shall be equipped with a post-fire smoke exhaust system installed in accordance with this code.

Subp. 2. [Repealed, 39 SR 1605]

Statutory Authority: *MS s 16B.37; 16B.59 to 16B.76; 326B.02; 326B.101 to 326B.194*

History: *32 SR 7; L 2007 c 140 art 4 s 61; art 13 s 4; L 2008 c 337 s 64; 39 SR 1605; 44 SR 609*

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