

1346.0506 SECTION 506 COMMERCIAL KITCHEN HOOD VENTILATION SYSTEM DUCTS AND EXHAUST EQUIPMENT.

Subpart 1. **Section 506.3.** IMC section 506.3 and all subsections are deleted in their entirety and replaced with the following:

506.3 Ducts serving Type I hoods. Commercial kitchen exhaust systems serving Type I hoods shall be designed, constructed and installed in accordance with NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations and ASHRAE 154 Ventilation for Commercial Cooking Operations.

Subp. 2. **Section 506.4.** IMC section 506.4 is amended and a subsection added to read as follows:

506.4 Ducts serving Type II hoods. Commercial kitchen exhaust systems serving Type II hoods shall comply with sections 506.4.1 and 506.4.2 and ASHRAE 154.

506.4.1 Ducts. Ducts and plenums serving Type II hoods shall be constructed of rigid metallic materials. Duct construction, installation, bracing, and supports shall comply with chapter 6. Ducts subject to positive pressure or conveying moisture-laden air, or both, and ducts conveying waste-heat-laden air shall be tested pursuant to section 506.4.1.1.

506.4.1.1 Testing. Ducts shall be tested in accordance with ASHRAE 154 requirements for duct leakage testing.

506.4.2 Type II terminations. Exhaust outlets serving Type II hoods shall terminate in accordance with the hood manufacturer's installation instructions and shall comply with all of the following:

1. Exhaust outlets shall terminate not less than three feet (914 mm) in any direction from openings into the building.
2. Outlets shall terminate not less than ten feet (3,048 mm) from property lines or buildings on the same lot.
3. Outlets shall terminate not less than ten feet (3,048 mm) above grade.
4. Outlets that terminate above a roof shall terminate not less than 30 inches (762 mm) above the roof surface.
5. Outlets shall terminate not less than 30 inches (762 mm) from exterior vertical walls.
6. Outlets shall be protected against local weather conditions.
7. Outlets shall not be directed onto walkways.
8. Outlets shall meet the provisions for exterior wall opening protectives in accordance with the International Building Code.

Subp. 2a. **Section 506.5.** IMC section 506.5 and all subsections are deleted in their entirety. Exhaust equipment shall comply with NFPA 96 and ASHRAE 154.

Subp. 2b. [Repealed, 44 SR 1085]

Subp. 3. [Repealed, 44 SR 1085]

Subp. 4. [Repealed, 44 SR 1085]

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 326B.02; 326B.101; 326B.106; 326B.13*

History: *29 SR 299; L 2007 c 140 art 4 s 61; art 13 s 4; 34 SR 537; 39 SR 690; 44 SR 1085*

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