

1346.0508 SECTION 508 COMMERCIAL KITCHEN MAKEUP AIR.

Subpart 1. **Section 508.1.** IMC Section 508.1 is amended to read as follows:

508.1 Makeup air. Makeup air shall be supplied during the operation of commercial kitchen exhaust systems that are provided for commercial food heat-processing appliances. The amount of makeup air supplied shall be approximately equal to the exhaust air. A minimum of 80 percent of the makeup air shall be supplied into the space where the exhaust hood is located. The makeup air shall not reduce the effectiveness of the exhaust system. Makeup air shall be provided by mechanical means and the exhaust and makeup air systems shall be electrically interlocked to insure that makeup air is provided whenever the exhaust system is in operation. Makeup air intake openings shall comply with IMC Section 401.4 and amended IMC Section 401.4.1.

Exception: This section shall not apply to dwelling units.

508.1.1 Makeup air temperature. Makeup air shall be not less than 50°F (10°C), measured at the flow of air from the supply diffuser into the space.

508.1.2 Makeup and ventilation air distribution. Makeup and ventilation air supply diffusers located within 12 feet (3.7 m) of an exhaust hood shall be directed away from the hood.

Exception: Perimeter perforated supply plenums installed in accordance with the manufacturer's installation instructions.

Subp. 2. **Section 508.2.** IMC Section 508.2 is amended to read as follows:

508.2 Compensating hoods. Manufacturers of compensating hoods shall provide a label indicating minimum exhaust flow and maximum makeup airflow that provides capture and containment of the exhaust effluent. Short-circuit compensating hoods are prohibited.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 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*

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