

1346.0309 SECTION 309 TEMPERATURE CONTROL.

IMC section 309 is amended by adding a section and subsections to read as follows:

309.2 Balancing. All mechanical ventilation and hydronic systems shall be capable of being balanced in accordance with this section.

309.2.1 Mechanical ventilation system balancing. Mechanical ventilation systems shall provide airflow rates within +/-10 percent of design capacities and fan speed shall be adjusted to meet design airflow conditions.

Exception: Speed adjustment is not required for fan motors rated at one horsepower (0.746 kW) or less.

309.2.2 Hydronic system balancing. Hydronic systems shall provide flow rates within +/-10 percent of design capacities and pump impellers shall be trimmed or pump speed shall be adjusted to meet design flow conditions.

Exception: Impeller trimming or speed adjustment is not required for pump motors rated at five horsepower (3.73 kW) or less.

309.2.3 Systems balancing reports. Systems balancing reports shall verify system performance and shall specify that the minimum amount of outdoor air required in IMC chapter 4, as amended, is provided to the ventilation system. Systems balancing reports shall be submitted to the building official upon request.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 326.13; 326B.02; 326B.101; 326B.106; 326B.13*

History: *15 SR 71; 29 SR 299; L 2007 c 140 art 4 s 61; art 13 s 4; 39 SR 690*

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