

**1346.1007 SECTION 1007 BOILER LOW-WATER CUTOFF.**

Subpart 1. **Section 1007.1.** IMC section 1007.1 is amended to read as follows:

**1007.1 General.** Steam and hot water boilers shall be protected with a low-water fuel cutoff control to stop the combustion operation when the water level drops below the lowest safe permissible water level in accordance with the following items:

1. An automatically fired hot water boiler or group of boilers piped together having a rated input of 400,000 Btu/hr (117 kW) or above shall be equipped with an automatic low-water fuel cutoff to stop the combustion operation before the water level drops below the lowest safe permissible water level established by the boiler manufacturer.

2. A boiler installed at an elevation where all radiation in the system is below the lowest safe permissible water level shall be equipped with an automatic low-water fuel cutoff to stop the combustion operation when the water level drops below the lowest safe permissible water level established by the boiler manufacturer.

3. A low-water fuel cutoff shall be installed when recommended by the manufacturer's installation instructions or listing and when special consideration and installations will require a low-water fuel cutoff to protect a hot water or steam boiler.

4. A means shall be provided for testing the operation of the low-water fuel cutoff without requiring the entire system to be drained.

5. A watertube or coil-type boiler requiring forced circulation to prevent overheating of the tubes or coils shall have a flow-sensing device installed, in lieu of the low-water fuel cutoff, to automatically stop the combustion operation when the circulating flow is interrupted.

Subp. 2. [Repealed, 34 SR 537]

**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*

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