

1346.5904 SECTION 904 (IFGC) BURNER OPERATION.

The IFGC is amended by adding a section to read as follows:

SECTION 904**BURNER OPERATION**

904.1 Burner operation. When testing to determine compliance with this section, care shall be exercised to prevent the accumulation of unburned gas or fuel in the appliance or flues that might result in explosion or fire.

1. The flames from each burner shall freely ignite the gas or fuel from adjacent burners when operating at the prevailing gas or fuel pressure and when the main control valve is regulated to deliver at one-third of the fuel gas or fuel rate.

2. Burner flames shall not flash back after immediate ignition nor after turning the fuel cock until the flow rate to the burner is one-third the full supply.

3. Burner flames shall not flash back when the gas or fuel is turned on or off by an automatic control mechanism.

4. Main burner flames shall ignite freely from each pilot when the main control valve is regulated to one-third the full gas or fuel rate and when the pilot flame is reduced to a minimum point at which it will actuate the safety device.

5. When ignition is made in a normal manner, the flame shall not flash outside the appliance.

6. Burners shall not expel gas or fuel through air openings when operating at prevailing pressure.

7. Burners shall have proper fuel air mixture to ensure smooth ignition of the main burner.

8. Dual fuel burners may have controls common or independent to both fuels. Transfer from one fuel to the other shall be by a manual interlock switching system to prevent the gas and other fuel being used simultaneously except by special permission from the building official. The building official shall consider whether an exception will provide equivalent safety. The transfer switch shall have a center off position and shall not pass through the center off position without stopping in the center off position.

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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