

1346.5406 SECTION 406 (IFGC) INSPECTION, TESTING AND PURGING.

Subpart 1. **Section 406.1.2.** IFGC Section 406.1.2 is amended to read as follows:

406.1.2 Alterations, repairs and additions. In the event alterations, repairs or additions are made following the pressure test, the affected piping shall be tested.

Exception: Equipment replacement, minor alterations, repairs, or additions, provided the work is inspected and connections are tested with a noncorrosive leak-detecting fluid or other leak-detecting methods approved by the building official.

Subp. 2. **Section 406.1.5.** IFGC Section 406.1.5 is deleted.

Subp. 3. **Section 406.4.1.** IFGC Section 406.4.1 is amended to read as follows:

406.4.1 Test pressure. The test pressure to be used shall be no less than one and one-half times the proposed maximum working pressure, but not less than 25 psig (172 kPa gauge), irrespective of design pressure. Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than 50 percent of the specified minimum yield strength of the pipe.

Subp. 4. **Section 406.4.2.** IFGC Section 406.4.2 is amended to read as follows:

406.4.2 Test duration. Test duration shall be not less than one-half hour. When testing a system in a single-family dwelling, the test duration shall be permitted to be reduced to 10 minutes with prior approval from the building official.

Subp. 5. **Section 406.4.** IFGC Section 406.4 is amended by adding a section to read as follows:

406.4.3 Test gauges. Tests which utilize dial gauges shall be performed with gauges of 2 psi (13.8 kPa) incrementation or less and shall have a pressure range not greater than twice the test pressure applied. The test pressure shall be within the middle 50 percent of the test gauge pressure range.

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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