BLDGREG-006 - PRESSURE TESTING OF PLUMBING SYSTEMS

Authority: Building By-law No. 7258

Covers: Sanitary Drainage Systems, Storm Drainage Systems, Water Distribution Systems and Venting Systems

Effective: January 1, 2020

Purpose: To establish provisions with respect to pressure testing plumbing systems

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1. Definitions

(a) Unless otherwise expressly provided or unless the context otherwise requires, words and expressions in this Regulation have the same meaning as the same words and expressions of the Building By-law 7258.

(b) In this Regulation:

(1) "**PLUMBING SYSTEM**" means a drainage system, a venting system and a water system or parts thereof.

(2) "**NEW PLUMBING SYSTEM**" means a plumbing system installed in a newly constructed building.

(3) "**SANITARY DRAINAGE SYSTEM**" means a drainage system that conducts sewage.

(4) "**STORM DRAINAGE SYSTEM**" means a drainage system that conveys storm water.

(5) "**WATER DISTRIBUTION SYSTEM**" means an assembly of pipes, fittings, valves and appurtenances that conveys water from the water service pipe or private water supply system to water supply outlets, fixtures, appliances and devices.

(6) "**VENTING SYSTEM**" means an assembly of pipes and fittings that connects a drainage system with outside air for circulation of air and the protection of trap seals in the drainage system.

2. Rationale

Pursuant to 2.3.6.1. (1) of the Manitoba Plumbing Code, except in the case of an external leader, after a section of a drainage system or a venting system has been

roughed in, and before any fixture is installed or piping is covered, a Water Pressure Test or, an Air Pressure Test shall be conducted; and pursuant to 2.3.7.1 (1) After a section of a potable water system has been completed, and before it is placed in operation, a water pressure test shall be conducted, except that an air pressure test may be used in freezing conditions. And pursuant to 82 B) of the City of Brandon Building By-law No 7258 all new plumbing systems are subject to testing pursuant to the Manitoba Plumbing Code as determined by the Authority Having Jurisdiction.

3. Application

(a) This regulation applies to all plumbing systems.

4. Exceptions For Pressure Testing

(a) Where testing of a plumbing system is not practical at the discretion of the Authority Having Jurisdiction.

(b) Requests for an exception for pressure testing shall be made in writing to the Authority Having Jurisdiction.

5. Procedure

(a) All plumbing systems shall be pressure tested In accordance with subsections 2.3.6 and 2.3.7 of The Manitoba Plumbing Code.

(b) Written pressure test reports shall be submitted upon completion of a pressure test for all New Plumbing Systems for Commercial, Industrial, Institutional buildings and multiple unit dwellings that are three or more storey's or, twelve or more units.

(c) Written pressure test reports shall be submitted upon request from the Authority Having Jurisdiction for all renovations, additions and plumbing systems that are extended, altered, renewed or repaired.

(d) Written pressure test report shall be submitted prior to the plumbing system being covered and put into use.

6. Enforcement

In accordance with the authorities established by the Building By-law, any person who contravenes, or does not comply, or improperly complies, or only partly complies, with any provision of this Regulation commits an offence and is subject to penalty.

Related Information:

Building By-law No. 7258
Manitoba Plumbing Code

The Building and Mobile Homes Act, C.C.S.M. 1987, c.B93
The Manitoba Building Code
Compliance By-law No. 7198

Conflict: Where there is a conflict or inconsistency between this Regulation and provisions contained within a statute or regulation of the Government of Canada or the Province of Manitoba, the Federal or Provincial statute or regulation shall supersede those impacted provisions of this Regulation.