

103.5.5 Other Inspections. In addition to the inspections required by this code, the Authority Having Jurisdiction shall be permitted to require other inspections of any plumbing work to ascertain compliance with the provisions of this code and other laws that are enforced by the Authority Having Jurisdiction.

Upon completion of a section or of the entire hot and cold water supply system, it shall be tested and proved tight under a water pressure not less than the working pressure under which it shall be used. The water used for tests shall be obtained from a potable source of supply. Except for plastic piping, air pressure equal to 3bars (45 psi) shall be permitted to be substituted for the water test. In either method of test, the piping shall withstand the test without leaking for a period of not less than 15 minutes. (See Section 609.4)

The water test shall be applied to the drainage and vent systems either in its entirety or in sections. If the test is applied to the entire system, openings in the piping shall be tightly closed, except the highest opening, and the system filled with water to point of overflow. If the system is tested in sections, each opening shall be tightly plugged, except the highest opening of the section under test, and each section shall be filled with water, but no section shall be tested with less than a 3m (10 ft.) head of water. In testing successive sections, not less than the upper 3m (10 ft.) of the next preceding section shall be tested, so that no joint or pipe in the building (except the uppermost 3m (10 ft.) of the system) shall have been submitted to a test of less than a 3m (10 ft.) head of water. The water shall be kept in the system, or in the portion under test, for not less than 15 minutes before inspection starts. The system shall then be tight at points.

The air test shall be made by attaching an air compressor testing apparatus to any suitable opening and, after closing all other inlets and outlets to the system, forcing air into the system until there is a uniform gauge pressure of 30kPa (4.4 psi) or sufficient to balance a column of mercury 25cm (10 in.) in height. The pressure shall be held without introduction of additional air for a period of not less than 15 minutes.

The piping of the drainage, waste and venting systems (DWV) shall be tested with water or air, except that plastic pipe shall not be tested with air. (See Section 712.0)

Building sewers shall be tested by plugging the end of the building sewer at its points of connection with the public sewer or private sewage disposal system and completely filling the build-

ing sewer with water from the lowest to the highest point thereof, or by approved equivalent low-pressure air test. (see Section 712.3)

103.5.5.1 Defective Systems. An air test shall be used in testing the sanitary condition of the drainage or plumbing system of any building premises when there is reason to believe that it has become defective. In buildings or premises condemned by the proper Authority Having Jurisdiction because of an insanitary condition of the plumbing system or part thereof, the alterations in such system shall conform to the requirements of this code.

103.5.5.2 Moved Structures. Parts of the plumbing systems of any building or part thereof that is moved from one foundation to another, or from one location to another, shall be completely tested as prescribed elsewhere in this section for new work, except that walls or floors need not be removed during such test when other equivalent means of inspection acceptable to the Authority Having Jurisdiction are provided.

103.5.6 Reinspections. A reinspection fee shall be permitted to be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when required corrections have not been made.

This provision is not to be interpreted as requiring reinspection fees the first time a job is rejected for failure to comply with the requirements of this code, but as controlling the practice of calling for inspections before the job is ready for inspection or reinspection.

Reinspection fees shall be permitted to be assessed when the approved plans are not readily available to the inspector, for failure to provide access on the date for which the inspection is requested, or for deviating from plans requiring the approval of the Authority Having Jurisdiction.

To obtain reinspection, the applicant shall file an application therefore in writing upon a form furnished for that purpose and pay the reinspection fee as stipulated by the Authority Having Jurisdiction.

In instances where reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

103.5.6.1 Corrections. Notices of correction or violation shall be written by the Authority Having Jurisdiction and shall be permitted to be posted at the site of the work or mailed or delivered to the permittee or his authorized representative.