



Protection Of Plumbing Systems From Contamination (Water Treatment Devices)

The Building Standards Department issues Builder Tips as part of our customer service program. They are designed to provide an improved understanding of the Building Code and to reduce the costs associated with correcting infractions. Please contact your area building inspector for further information or call the Building Standards Department at 905.475.4848 extension 2189

7.6.2.1. Connection of Systems

(1) Connections to potable water systems shall be designed and installed so that non-potable water or substances that may render the water non-potable cannot enter the system.

7.4.2.1. Connections to Sanitary Drainage Systems

(1) Fixtures shall be directly connected to a sanitary drainage system, except that

(e) the following devices shall be indirectly connected to a drainage system:

- (i) a device for the display, storage, preparation or processing of food or drink,
- (ii) a sterilizer,
- (iii) a device that uses water as a cooling or heating medium,
- (iv) a water operated device,
- (v) a water treatment device,
- (vi) a drain or overflow from a water system or a heating system.

OBJECTIVE

Connections made to the potable water system must not contaminate the system. Part 7 of the Building Code regulates the materials and equipment that can be connected to a potable water system.

Back-wash filters installed in the potable water system must be approved by a recognized agency for this purpose. The installation of the back-wash filter must also comply with Sentences 7.6.2.1.(1) and 7.4.2.1.(1)(e) of the Building Code. This builder's tip illustrates acceptable methods for connecting the back-water filter drainage pipe to the dwelling drainage system

