

Chapter 13.10 - CROSS-CONNECTION AND BACKFLOW PREVENTION

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13.10.010 Definitions.

- A. “*Backflow*” means the flow other than the intended directions of flow of any foreign liquids, gases or substances into the distribution system of a public water supply.
- B. “*Backflow prevention device*” means a device to counteract back pressure or prevent back siphonage.
- C. “*Cross-connection*” means any physical arrangement whereby a public water supply is connected, directly or indirectly, with any other water supply system, sewer, drain, conduit, pool, storage reservoir, plumbing fixture or other device of unknown or unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow.
- D. “*Superintendent*” means the superintendent of the public works department, city of Arco, Idaho. (Ord. 1980-2(part), 1980).

13.10.020 Cross-connection–Restricted.

The installation or maintenance of a cross-connection which will endanger the water quality of potable water supply of the city is prohibited. The facilities in which cross-connections endanger said water quality will include sewage treatment plants; chemical or other industrial plants; agricultural chemical storage, formulation and distribution facilities, petroleum storage facilities; mortuaries; hospitals, laboratories; food processing plants; tank truck fill stations; car washes and any other facility specified by the Director of the Department of Health and Welfare or his designee. Any such cross-connection now existing or hereafter installed is declared a nuisance and shall be abated. The control or elimination of cross-connections shall be in accordance with the Idaho Regulations for Public Drinking Water Systems or subsequent revisions, together with any future manuals of standard practice pertaining to cross-connection control approved by the Director of the State of Idaho Department of Health and Welfare. (Ord. 1980-2 §1, 1980).

13.10.030 Cross-connection–Inspection.

The superintendent shall inspect periodically, at not more than one year intervals, the facilities above referred to in Section 13.10.020 of this chapter to locate cross-connections and require that they be eliminated. (Ord. 1980-2 §2, 1980).

13.10.040 Backflow prevention device–Installation and annual testing required when.

The superintendent shall require the installation and annual testing, said testing to be conducted by a State Certified Tester and at the expense of the owner and/or operator of the facility, of approved backflow prevention devices in the service line to the facilities referred. to in Section 13.10.020 of this chapter in any of the following cases:

- A. The plumbing in the facility is so complex or variable that it is not possible to -assure through periodic inspections that cross-connections do not exist;
- B. Entrance to the facility to inspect for cross-connections is denied;
- C. Cross-connections are known to exist in a facility and have not been eliminated;
- D. The supplier of water is not able or willing to conduct inspections to find and require that cross-connections be eliminated. (Ord. 1980-2 §3, 1980).

13.10.050 Backflow prevention device-Performance tests.

All backflow prevention devices shall successfully pass performance tests of the University of Southern California Engineering Center or other testing laboratories satisfactory to the Director of the Department of Health and Welfare. (Ord. 1980-2 §4, 1980).

13.10.060 Backflow prevention device–Owner's and/or operator's responsibility to install.

It shall be the responsibility of the owner and/or operator of the facility to install the approved backflow prevention device at his expense. (Ord. 1980-2 §5, 1980).

13.10.070 Backflow prevention device–Installation by city.

- A. In the event that suitable licensed installers are not reasonably available to perform the installation referred to in Section 13.10.060 of this chapter, the city, upon request, in writing, indicating the absence of suitable installers' and requesting that the city perform the work, and with the approval of the appropriate licensing agencies, may perform the installation.
- B. In the event the city performs the installation referred to in Section 13.10.060 of this chapter, the city shall bill the owner and/or operator of the facility for the expense of such installation to include parts, use of equipment and labor. (Ord. 1980-2 §§6, 7, 1980).

13.10.080 Discontinuance of water supply for noncompliance with chapter provisions.

The water supply will be discontinued to any premises for failure to comply with the provisions of this chapter and will not be reestablished until compliance is approved by the Superintendent, or a State Certified Tester. (Ord. 1980-2 §8, 1980).

13.10.090 State rules and regulations-compliance required.

Service from the city water supply system to any premises upon which a private water supply system is used or operated contrary to the provisions of the rules and regulations of the State Department of Health and Welfare regarding public water supplies may be discontinued or refused upon order of the superintendent. (Ord. 1980-2 §9, 1980).

13.10.100 Backflow prevention device—Installation required prior to service.

Furnishing of any service to the facilities above referred to in Section 13.10.020 of this chapter shall be contingent upon the installation of a backflow prevention device approved by the Director of the Department of Health and Welfare for the protection of the city water supply from backflow. (Ord. 1980-2 §10, 1980).