

limitations for public lavatories, bathtubs, whirlpool bathtubs, bidets and shower control valves.

### 601.2 Identification of Nonpotable Water Systems.

In buildings where nonpotable water systems are installed, each nonpotable system shall be clearly identified in accordance with Sections 601.2.1 through 601.2.4.

**601.2.1 Potable Water.** Green background with white lettering.

**601.2.2 Color and Information.** Each system shall be identified with a colored pipe or band and coded with paints, wraps, and materials compatible with the piping.

Except as required in Sections 1615.0 and 1622.0, nonpotable water systems shall have a yellow background with black uppercase lettering, with the words:

“CAUTION: NONPOTABLE WATER,  
DO NOT DRINK.”

Each nonpotable system shall be identified to designate the liquid being conveyed, and the direction of normal flow shall be clearly shown. The minimum size of the letters and length of the color field shall conform to Table 6-1.

The background color and required information shall be indicated every 6m (20 ft.), but not less than once per room, and shall be visible from the floor level.

**TABLE 6-1**  
**Minimum Length of Color Field and Size of Letters**

| Outside Diameter<br>of Pipe or<br>Covering<br>mm | Minimum<br>Length of Color<br>Field<br>cm | Minimum Size<br>of Letters<br>mm |
|--|---|----------------------------------|
| 15 to 32   | 20  | 15                               |
| 40 to 50   | 20  | 20                               |
| 65 to 150  | 30  | 32                               |
| 200 to 250                                       | 60  | 65                               |
| Over 250   | 80  | 90                               |

SI: 1mm = 0.04 in.; 1cm = 0.39 in.

**601.2.3 Fixtures.** Where vacuum breakers or backflow preventers are installed with fixtures listed in Table 14-1, or equivalent International Standard(s) approved by the Authority Having Jurisdiction, identification of the discharge side shall be permitted to be omitted.

**601.2.4 Outlets.** Each outlet on the nonpotable water line that is used for special purposes shall be posted with black uppercase lettering, as follows:

“CAUTION: NONPOTABLE WATER,  
DO NOT DRINK.”

**601.3** Faucets and diverters shall be connected to the water distribution system so that hot water corresponds to the left side of the fittings.

### 602.0 Unlawful Connections.

**602.1** No installation of potable water supply piping or part thereof shall be made in such a manner that it will be possible for used, unclean, polluted, or contaminated water, mixtures, or substances to enter any portion of such piping from any tank, receptor, equipment, or plumbing fixture by reason of back-siphonage, suction, or any other cause, either during normal use and operation thereof, or when any such tank, receptor, equipment, or plumbing fixture is flooded or subject to pressure exceeding the operating pressure in the hot or cold water piping.

**602.2** No person shall make a connection or allow one to exist between pipes or conduits carrying domestic water supplied by any public or private water service system; and any pipes, conduits, or fixtures containing or carrying water from any other source or containing or carrying water that has been used for any purpose whatsoever; or any piping carrying chemicals, liquids, gases, or any substances whatsoever, unless there is provided a backflow prevention device approved for the potential hazard and maintained in accordance with this code. Each point of use shall be separately protected when potential cross contamination of individual units exists.

**602.3** No plumbing fixture, device, or construction shall be installed or maintained or shall be connected to any domestic water supply when such installation or connection provides a possibility of polluting such water supply or cross-connection between a distributing system of water for drinking and domestic purposes and water that becomes contaminated by such plumbing fixture, device, or construction unless there is provided a backflow prevention device approved for the potential hazard.

**602.4** No water piping supplied by any private water supply system shall be connected to any other source of supply without the approval of the Authority Having Jurisdiction, Health Department, or other department having jurisdiction.

### 603.0 Cross-Connection Control.

Cross-connection control shall be provided in accordance with the provisions of this chapter.

No person shall install any water-operated equipment or mechanism, or use any water-treating chemical or substance if it is found that such equipment, mechanism, chemical, or substance causes pollution or contamination of the domestic water supply. Such equipment or mechanism shall be permitted only when equipped with an approved backflow prevention device or assembly.