

Section 2.7. Non-Potable Water Systems

2.7.1. Connection

2.7.1.1. Not Permitted

- 1) A non-*potable water system* shall not be connected to a *potable water system*.

2.7.2. Identification

2.7.2.1. Markings Required

- 1) The location of non-*potable water* discharge and non-*potable water* piping shall be identified by markings that are permanent, distinct and easily recognized.

2.7.3. Location

2.7.3.1. Pipes

- 1) Non-*potable water* piping shall not be located
 - a) where food is prepared in a food-processing plant,
 - b) above food-handling equipment,
 - c) above a non-pressurized *potable water* tank, or
 - d) above a cover of a pressurized *potable water* tank.

2.7.3.2. Outlets

- 1) An outlet from a non-*potable water system* shall not be located where it can discharge into
 - a) a sink or lavatory,
 - b) a *fixture* into which an outlet from a *potable water system* is discharged, or
 - c) a *fixture* that is used for the preparation, handling or dispensing of food, drink or products that are intended for human consumption.

(See Note A-2.7.3.2.(1).)

2.7.4. Design

2.7.4.1. Non-potable Water System Design

(See Note A-2.7.4.1.)

- 1) Non-*potable water systems* shall be designed, fabricated and installed in accordance with good engineering practice, such as that described in the ASHRAE Handbooks, ASPE Handbooks and CAN/CSA-B128.1, “Design and Installation of Non-Potable Water Systems.”
- 2) Reserved.