

## CHAPTER 12

# PLUMBING

### SECTION 1201 PERSONAL HYGIENE

**1201.1 Objective.** To provide facilities with appropriate space, fixtures and equipment for personal hygiene.

**1201.2 Functional statement.** To provide adequate plumbing fixtures that reasonably protect people from illness and provide reasonable access to such fixtures conducive to health, safety and comfort of the occupants.

#### 1201.3 Performance requirements.

**1201.3.1 Number of plumbing fixtures.** Plumbing fixtures shall be provided in sufficient numbers appropriate for the intended use.

**1201.3.2 Privacy.** Plumbing fixtures shall be located to provide appropriate privacy.

**1201.3.3 Cleanliness.** Plumbing fixtures shall be constructed to avoid food contamination and accumulation of dirt or bacteria, and permit effective cleaning.

**1201.3.4 Waste water removal.** Plumbing fixtures shall be installed to discharge to drainage systems without contaminating food.

**1201.3.5 Location of plumbing fixtures.** Facilities for personal hygiene shall be provided in convenient locations and spaces of appropriate size to permit the use of the fixtures.

### SECTION 1202 LAUNDERING

**1202.1 Objective.** To provide adequate facilities for laundry.

**1202.2 Functional statement.** Laundry facilities shall be provided for use by occupants of dwelling units.

**1202.3 Performance requirement.** Space shall be adequate in size for the required fixtures and equipment.

### SECTION 1203 DOMESTIC WATER SUPPLIES

**1203.1 Objective.** To provide sanitary distribution of water for drinking, food preparation and hygiene.

**1203.2 Functional statement.** Sanitary water shall be delivered to fixtures, appliances and equipment at temperatures appropriate for the intended use.

#### 1203.3 Performance requirements.

**1203.3.1 Potable water.** Water supplies intended for human consumption, oral hygiene, food preparation and the washing of cooking equipment shall be potable.

**1203.3.2 Nonpotable water.** Water supplies and outlets providing nonpotable water shall be clearly identified.

**1203.3.3 Hot water.** Plumbing fixtures and appliances used for personal hygiene, laundering and the washing of cooking equipment shall be provided with hot water.

**1203.3.4 Scalding.** Where hot water is provided for personal hygiene, it shall be delivered at a temperature to avoid scalding.

**1203.3.5 Water supply contamination.** Water supplies shall be installed to avoid potable water contamination.

**1203.3.6 Flow rate and pressure.** Water supplies shall be provided to plumbing fixtures, appliances and equipment at a flow rate and pressure adequate for their operation.

**1203.3.7 Leak prevention.** Water piping shall be installed in a leak-free manner.

**1203.3.8 Access.** Water systems shall be installed to allow adequate access for maintenance.

**1203.3.9 Water piping isolation and protection from contamination.** Water piping shall be installed with provisions for adequate isolation of the system and branches and to provide protection from contamination.

**1203.3.10 Hot water vessels.** Vessels used for producing hot water shall be provided with safety devices to relieve excessive pressure and limit temperatures.

### SECTION 1204 WASTEWATER

**1204.1 Objective.** To provide safe drainage and disposal systems for wastewater from plumbing fixtures, appliances and equipment.

**1204.2 Functional statement.** The drainage system shall conduct wastewater to an appropriate disposal point, protect people from contamination and unpleasant odor, and avoid blockages.

#### 1204.3 Performance requirements.

**1204.3.1 Prevention of blockage and leakage.** The drainage system shall conduct wastewater from all plumbing fixtures, appliances and equipment, avoiding the likelihood of blockage and leakage.

**1204.3.2 Sewer gases.** The drainage system shall be designed and installed to prevent sewer gases from entering the building.

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**1204.3.3 Accessibility.** The drainage system shall be accessible for maintenance and clearing of blockages.

**1204.3.4 Sewer connection.** The drainage system shall be connected to the sewer in a manner acceptable to the operator of the sewer system.

**1204.3.5 On-site sewage disposal.** On-site sewage disposal systems shall be designed and installed in an approved manner.