



2023 Food Code - Chapter 3717-1-05 Reference Guide: Water, Plumbing, and Wastewater

- Drinking water must be supplied from an approved public water or private water system.
- Drinking water must be received through an approved water distribution system, transport vehicle, or storage container.
- Drinking water system must be properly flushed, developed, and disinfected after construction, repair, modification, and emergency situations.
- Drinking water must meet quality standards such as coliform bacteria, E. Coli, and nitrates.
- Drinking water from private systems must be sampled and tested as required by private water system rules.
- Food service operations and retail food establishments must retain water sample result in the facility.
- Drinking water of sufficient capacity must be available to meet peak demands.
- Drinking water must be provided under pressure.
- Sufficient hot water capacity must be available to meet peak demands.
- Use of an alternative water supply (i.e., bottled water, water storage tank) must be approved by the local health department.

Plumbing System

Materials and Design

- The plumbing system shall use approved materials meeting NSF Standard 61 or equivalent.
- The plumbing system shall be designed, constructed, and installed per the Ohio Plumbing Code.
- The plumbing system shall be maintained in good repair per the Ohio Plumbing Code.
- The plumbing system shall not contain a cross connection between a drinking water system and nondrinking water system, or a system of unknown quality.

Water Supply

- Backflow prevention shall be provided on the water inlet and designed and located for servicing. Approved backflow prevention methods include:
 - Air gap of twice the diameter of the water inlet line, but not less than 1 inch.
 - Backflow or back-siphonage prevention device meeting American Society of Safety Engineers (ASSE) standards.
- Schedule inspection for backflow preventer per manufacturer's instructions.

Hand Wash Sinks

- At least one hand wash sink shall be provided, located for convenient use, and accessible at all times:
 - An automatic hand washing facility installed per manufacturer's instructions may be used.
 - Chemically treated towelettes may be used only in some situations and must be approved by local health department.
- Used only for handwashing.
- Water at least 100°F (38°C) shall be provided.
- Equipped with mixing valve or combination faucet (not steam).
- 15 seconds flow of water for self-closing, slow closing or metered faucet.

Plumbing Fixtures

- Fixtures must be easily cleanable.
- Conditioning device, if provided, must be designed to facilitate disassembly, and located so it may be serviced and cleaned.
- Toilets must be provided per the Ohio Building Code.
- Service sink for cleaning mops, disposing mop water, etc. shall be provided and conveniently located.
- Water reservoir for fogging device must be maintained and cleaned per manufacturer's instructions.
- Water tanks shall be made of approved materials; enclosed; sloped to drain; and have a secured, protected inspection/cleaning port.

Sewage, Liquid Waste, Rain Water

- Sewage must be conveyed through an approved system.
- Sewage must be disposed of in an approved sewage treatment system.
- Other liquid wastes and rainwater must be disposed of according to law.
- Drainage system must be designed and installed per code.
- Prevent backflow by prohibiting a direct connection between the sewage system and a drain originating from equipment where food, portable equipment, or utensils may be placed.

Refuse, Recyclables, Returnables

Receptacles

- Receptacles for refuse, recyclables, returnables, and for use with materials containing food residue shall be made of materials that are durable, cleanable, insect-resistant, rodent-resistant, leak proof, and nonabsorbent.
- Receptacles shall be maintained in good repair.
- Receptacles shall be covered if located outdoors, or for use with materials containing food residue and are not in continuous use or after they are filled.
- A covered container shall be provided in toilet rooms used by females.
- Drains in refuse receptacles shall have drain plugs in place.
- Cleaning implements or cleaning service shall be provided for receptacles and storage areas.

Indoor Storage Area

- Indoor refuse storage areas shall be of sufficient capacity and properly located.
- Indoor refuse receptacles shall be made of materials that are smooth, durable, and easily cleanable.
- Indoor refuse storage areas shall be maintained clean, in good repair, and free of unnecessary items.

Outdoor Storage Area

- Receptacles for refuse, recyclables and returnables shall be stored on a nonabsorbent material, smooth, durable, cleanable material that is sloped to a drain, and shall be covered with tight-fitting lids or doors.
- If enclosed, enclosure shall be durable and cleanable.
- Outdoor refuse areas shall be maintained clean, in good repair and free of unnecessary items.

Removal Frequency

- Refuse, recyclables, and returnables shall be removed at a frequency necessary to minimize odors and conditions that attract and harbor insects and rodents. Refuse, recyclables, and returnables shall be removed in a manner that does not create a nuisance.
- Refuse, recyclables, and returnables shall be disposed in an approved refuse or recycling facility.