Ohio Administrative Code

Rule 3717-1-05.1 Water, plumbing, and waste: plumbing system.

Effective: September 5, 2024

(A) Materials - approved.

(1) A plumbing system and hoses conveying water are to be constructed and repaired with approved materials that meet NSF standard 61 or equivalent.

(2) A water filter is to be made of safe materials.

(B) Approved system and cleanable fixtures.

(1) A plumbing system is to be designed, constructed, and installed according to the Ohio plumbing code.

(2) A plumbing fixture such as a handwashing sink, toilet, or urinal is to be easily cleanable.

(C) Handwashing sink - installation.

(1) A handwashing sink is to be equipped to provide water at a temperature of at least eighty-five degrees Fahrenheit (twenty-nine and four tenths degrees Celsius) through a mixing valve or combination faucet.

(2) A steam mixing valve cannot be used at a handwashing sink.

(3) A self-closing, slow-closing, or metering faucet is to provide a flow of water for at least fifteen seconds without the need to reactivate the faucet.

(4) An automatic handwashing facility is to be installed in accordance with manufacturer's instructions.

(D) Backflow prevention - air gap.

An air gap between the water supply inlet and the flood level rim of the plumbing fixture, equipment, or nonfood equipment is to be at least twice the diameter of the water supply inlet and not less than one inch (twenty-five millimeters).

(E) Backflow prevention device - design standard.

A backflow or backsiphonage prevention device installed on a water supply system is to meet American society of sanitary engineering (ASSE) standards and as referenced in the Ohio plumbing code for construction, installation, maintenance, inspection, and testing for that specific application and type of device.

(F) Conditioning device - design.

A water filter, screen, and other water conditioning device installed on water lines is to be designed to facilitate disassembly for periodic servicing and cleaning. A water filter element is to be replaceable.

(G) Handwashing sinks.

At least one handwashing sink, a number of handwashing sinks necessary for their convenient use by food employees in areas specified under paragraph (L) of this rule, and not fewer than the number of handwashing sinks mandated by the Ohio plumbing code is to be provided. This paragraph does not preclude the use of, when approved by the licensor, automatic handwashing facilities that are capable of removing the types of soils encountered in the food operation if the food service operation or retail food establishment has at least one handwashing sink.

(H) Toilets and urinals - number.

Toilets and urinals are to be provided according to the Ohio plumbing code.

(I) Service sink - number.

At least one service sink or one curbed cleaning facility equipped with a floor drain is to be provided and conveniently located for the cleaning of mops or similar wet floor cleaning tools and for the disposal of mop water and similar liquid waste.

(J) Backflow prevention device - when needed.

A plumbing system is to be installed to preclude backflow of a solid, liquid, or gas contaminant into the water supply system at each point of use at the food service operation or retail food establishment, including on a hose bibb if a hose is attached or on a hose bibb if a hose is not attached and backflow prevention is mandated by the Ohio plumbing code, by:

(1) Providing an air gap as specified under paragraph (D) of this rule; or

(2) Installing an approved backflow prevention device as specified under paragraph (E) of this rule.

(K) Backflow prevention device - carbonator.

A backflow prevention device is to be provided on a carbonator as mandated by the Ohio plumbing code.

(L) Handwashing sinks - location and placement.

A handwashing sink is to be located:

(1) To allow convenient use by food employees in food preparation, food dispensing, and warewashing areas; and

(2) In, or immediately adjacent to, toilet rooms.

(M) Backflow prevention device - location.

A backflow prevention device is to be located so that it may be serviced and maintained.

(N) Conditioning device - location.

A water filter, screen, and other water conditioning device installed on water lines is to be located to facilitate disassembly for periodic servicing and cleaning.

(O) Using a handwashing sink - operation and maintenance.

(1) A handwashing sink is to be maintained so that it is accessible at all times for employee use.

(2) A handwashing sink may only be used for handwashing.

(3) An automatic handwashing facility is to be used in accordance with manufacturer's instructions.

(P) Preventing a cross connection.

(1) A cross connection by connecting a pipe or conduit between the drinking water system and a nondrinking water system or a water system of unknown quality is not permitted.

(2) The piping of a nondrinking water system is to be durably identified so that it is readily distinguishable from piping that carries drinking water.

(Q) Scheduling inspection and service for a water system device.

A device such as a water treatment device or backflow preventer is to be scheduled for inspection and service, in accordance with manufacturer's instructions and as necessary to prevent device failure based on local water conditions, and records demonstrating inspection and service are to be maintained by the person in charge.

(R) Water reservoir of fogging devices - cleaning.

(1) A reservoir that is used to supply water to a device such as a produce fogger is to be:

(a) Maintained in accordance with manufacturer's specifications; and

(b) Cleaned in accordance with manufacturer's specifications or according to the procedures specified under paragraph (R)(2) of this rule, whichever is more stringent.

(2) Cleaning procedures are to include at least the following steps and be conducted at least once a week:

(a) Draining and complete disassembly of the water and aerosol contact parts;

(b) Brush-cleaning the reservoir, aerosol tubing, and discharge nozzles with a suitable detergent solution;

(c) Flushing the complete system with water to remove the detergent solution and particulate accumulation; and

(d) Rinsing by immersing, spraying, or swabbing the reservoir, aerosol tubing, and discharge nozzles with at least fifty ppm (mg/L) hypochlorite solution.

(S) Plumbing system - maintained in good repair.

A plumbing system is to be:

(1) Repaired according to the Ohio plumbing code; and

(2) Maintained in good repair.