**Section 300.3130 Plumbing Systems**

a) General Plumbing Requirements

1) All plumbing systems shall be designed and installed in accordance with the requirements of the Illinois Plumbing Code except that the number of water closets, lavatories, bath tubs, showers and other fixtures shall be as required by this Part and the facility program.

2) New and replacement equipment, fixtures and fittings for mechanical, plumbing and electrical systems shall conform to and be installed in accordance with Subpart N of this Part.

b) Plumbing Fixtures

1) Plumbing fixtures shall be fabricated from non-absorptive and acid-resistant materials, and shall be kept in good repair.

2) Clinical rim flush sinks shall have an integral trap in which the upper portion of the trap seal provides a visible water surface.

3) When existing showers or tubs are replaced or additional showers or tubs are installed, the shower bases and tub bottoms shall be designed with nonslip surfaces.

c) Water Supply Systems

1) Water supply systems shall be designed to supply potable water at sufficient pressure and volume to operate all plumbing fixtures and equipment during maximum demand periods.

2) Existing stop valves currently in place, serving the water service main, branch main, riser, and branch to a group of fixtures or to a group of fixtures shall be maintained in use.

3) Hot water distribution systems shall be arranged to provide hot water of at least 100 degrees Fahrenheit at each hot water outlet at all times.

4) Hot water available to residents at shower, bathing and handwashing facilities shall not exceed 110 degrees Fahrenheit.

5) Protective measures, including but not limited to installation of a mixing valve, limited access to controls, and checking water temperatures daily at various points, shall be implemented to insure that the temperature of hot water available to residents at shower, bathing and handwashing facilities shall not exceed 110 degrees Fahrenheit.

d) Hot Water Heaters and Tanks. Water storage tanks shall be fabricated from corrosion resistant metal or lined with noncorrosive material.

e) Drainage Systems. Special precautions shall be taken to protect food preparation, serving or storage areas from possible leakage or condensation from necessary overhead piping systems.

f) Fire Extinguishment Systems. All fire extinguishment systems shall be designed and installed in accordance with NFPA 101 and NFPA 13. All fire extinguishment systems shall be maintained in accordance with NFPA 25.

(Source: Amended at 45 Ill. Reg. 11096, effective August 27, 2021)