



Occupancy - Illinois Plumbing Code Compliance Checklist

890.1950 Violations Please schedule a follow-up inspection within _____ days (on or before _____/_____/_____)

890.110 Applicability - Building change of use _____OR_____ Health / Safety or Unsanitary Conditions Exists

890.200 Operation of Plumbing Equipment

_____ Plumbing has been altered or modified _____OR_____ Is not maintained in a functional, safe and sanitary condition

890.210 Materials

_____ Only approved materials shall be used (see 890.210 & Appendix A Table A)

890.630 Installation

_____ When plumbing is installed it shall meet the requirements of the 2018 Illinois Accessibility Code. (currently the 2018 IAC)

1997 IAC Examples:400.310 N7D Pipe Wrap, Compliant Faucets 310N7E, Flush Valves 44" 310 N6C, Toilet N5Bii, Grab Bars N5Biii)

890.630 Surrounding Materials - Non-absorbent materials are required under / around toilets and urinals

890.650 Water Closets

_____ All seats of water closets provided for public use shall be an antimicrobial plastic material and an open-front style.

890.680 Lavatories

_____ All lavatory faucets for public use shall be provided with an ASSE 1070 or 1017 automatic safety water mixing device to prevent sudden unanticipated changes in water temperature or excessive water temperatures. Adjusted to a maximum setting of 110 degrees Fahrenheit, at the time of installation. ▲ common Example is Watts model USGB (or similar)

890.810 Minimum Number of Plumbing Fixtures

_____ Restroom facilities and drinking fountains shall be provided. Based on the maximum number of occupants



Example: (890.810 b)1) 1-5 employees = 1 toilet, 1 lav, 1- hi-low drinking fountain, 1 service / utility sink)

890.1230 Safety Devices (Water Heater Relief Piping)

- D-1** The discharge pipe shall not create a hazard, cause damage to the building, or discharge through a wall
 - D-2** No reduced coupling, or restriction. It shall terminate 6" AFF or receptor, the bottom end shall not be threaded
 - D-3** The discharge pipe shall be metallic, water pipe, and shall drain continuously downward to the outlet
 - D-4** The discharge piping shall discharge indirectly into a floor drain, hub drain or sink, located in the same room
 - F- Vacuum Relief Valve (VRV) required for elevated and or bottom fed heaters
- 890.1130 Protection of Potable Water**

G-7 Closed water systems shall have a thermal expansion tank, (with no shut-off valve) between heater and expansion tank.

G-4 No shut-off valve or faucet shall be installed beyond the vacuum breaker. **EXAMPLE: (mop sink hose & wye fitting.)**

E-5 Prohibited Connections -No pipe or fitting shall be drilled or tapped

890.1140 Special Installations

Chemical dispensing units shall have a dedicated water supply and shut-off valves to each unit. Each unit shall have a backflow device installed to protect against backflow and back siphonage. The aspirator water discharge shall be provided with a 2-inch air gap to the receiving fixture

890.1320 Drainage

No fittings in the direction opposite to flow, or tee branch, shall be used.

No bands or saddles. No pipe or fitting shall be drilled or tapped.

No fitting, connection, device or method of installation shall be used that obstructs or retards the flow of water, waste or air in the drainage

Commonly installed WATTS (OR SIMILAR) backflow devices:

Series 8/ Hose threads, 9bd/ Coffee, Juice, Filters, 9D/ Ice Maker, Res. Boiler, N9/ Hand Held Sprayers, SD2 or SD3/ Carbonators

- Per Local Ord. RPZ / DuC required **YES / NO** Local Ord. PERMIT required **YES / NO**
- Per License Law 25ILCS 320 A Plumbing contractor is required to correct the cited code violations **YES / NO**