

COMMON FINAL PLUMBING CODE VIOLATIONS

APPLICATIONS GOVERNED BY THE 20 OHIO PLUMBING CODE

I. FINAL PLUMBING

- A. Not having all plumbing **fixtures** installed, other than future fixtures.
Sec. #'s 301.3, & 301.4
- B. Not providing **full open valves** where required, and providing shut off control, and valve **identification** where required.
Sec. #'s 606.1, 606.2, 606.4, & 604.10.2
- C. Not providing **water pressure reducing valves** on domestic water supply systems when required, consistent with pertinent sub sections.
Sec. #'s 604.8, & 604.8.2
- D. Not providing **ASSE 1010** approved standard **water hammer** arrestors where quick closing valves are located.
Sec. # 604.9
- E. Not providing **thermal expansion control** on the domestic potable water supply when systems are closed.

Water pressure reducing valves with an integral bypass is not acceptable for controlling thermal expansion, unless compliant with ASSE 1003 standards, whereas the installation of water pressure gauges shall be installed on the upstream and downstream sides of the regulator to assure this standard is in compliance. But most importantly to proof the regulating device is functioning as designed
Sec. #'s 607.3, 607.3.1, 607.3.2

- F. Failure to **protect the potable water supply** system from cross connections, by not installing the proper backflow prevention device required, based on the degree of hazard.
Chapter 6 and Sec. #, & table 608.1 inclusive
- G. Failure to adjust the central domestic **hot water** systems temperature range setting of **110-140 degrees F.**

Note the scald warning label on all natural gas under-fired, and electric water heaters, and hot water storage tanks mfgs recommendations setting no more than 125 degrees F.
Definitions 202, & Sec. #'s 303.2, 701.7, & 803.1

- H. Failure to set hot water temperature range at all **shower valves** to minimum of 110 / maximum of 120 degrees F.
Sec. # 424.3

- I. Failure to set water level at indicator mark on each water closet (tank type) per **manufactures instructions**.
Sec. # 303.2
- J. Failure to provide **water- tight joints** formed where plumbing fixtures contact floors and walls.
Sec. # 405.5
- K. Failure to remove test cap from the vent terminals after systems acceptance and approval.
Sec. # 903.3
- L. Failure to install metal collars (escutcheons) at **openings for pipes** in walls, floors, and ceilings made for the passage of pipes.
Sec. # 304.4
- M. Completion of all DWV piping connections to the sanitary plumbing system (i.e. vent for **future fixture** rough-ins), or identified to indicate that the connection is a vent for those fixtures.
Sec. # 905.6
- N. Not having the **drainage and vent final air test** ready at the time of final inspection.
Sec. # 312.3
- O. Failure to provide **access** to **whirlpool bathtubs** motorized pump apparatus and drains with **slip joint** connections.
Definitions 202, & Sec. #'s 421.2, 705.17, & 425.2
- P. Providing the required **fire-resistance-rating of floor/ceiling assembly penetrations** for the passage of piping.
Sec. # 307.3
- Q. Failure to have the **Hot** and **Cold** water properly oriented on either two handle or single handle at various faucets, or fixture fittings.
Sec. #'s 303.2, and 607.4