

504.6

Temperature and Pressure Relief Discharge Piping

CHANGE TYPE: Modification

CHANGE SUMMARY: The temperature and pressure relief valve discharge pipe termination must have an air gap suitable to protect the potable water supply distribution system of the building.

2015 CODE: 504.6 Requirements for Discharge Piping. The discharge piping serving a pressure relief valve, temperature relief valve or combination thereof shall:

(Items 1-9 remain unchanged)

10. Not Terminate not more than 6 inches (152 mm) above and not less than two times the discharge pipe diameter above the floor or waste receptor flood level rim.

CHANGE SIGNIFICANCE: Installers often forget that the outlet of a temperature and pressure relief valve is a potable water outlet that must be protected against backflow conditions. The floor where the pipe discharges could become flooded, or the waste receptor could become clogged and over flow. The air gap of twice the pipe diameter provides a minimum level of backflow protection.



T&P discharge below flood level rim of pan