

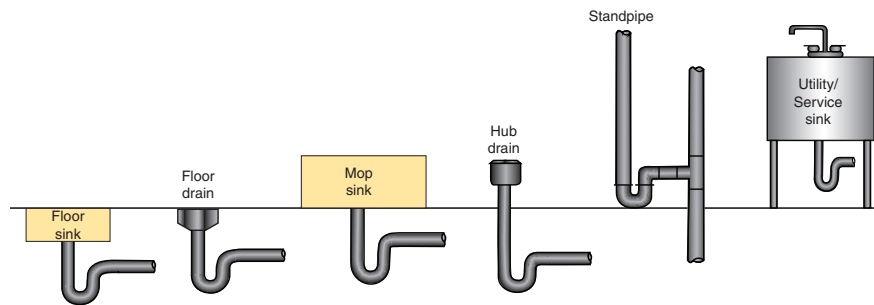
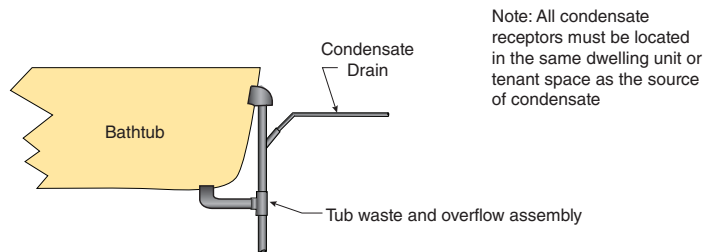
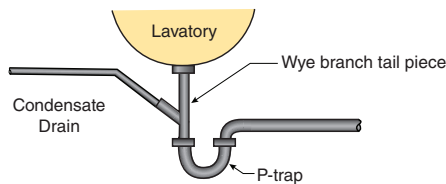
307.2.1.1

Condensate Discharge

CHANGE TYPE: Modification

CHANGE SUMMARY: Significant coverage is added to the code regarding the point of disposal of condensate. Such coverage addresses what has been common practice (acceptable and unacceptable) in most jurisdictions.

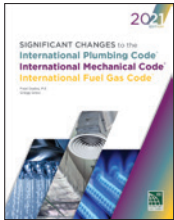
2021 CODE: 307.2.1.1 Condensate discharge. Condensate drains shall not directly connect to any plumbing drain, waste or vent pipe. Condensate drains shall not discharge into a plumbing fixture other than a floor sink, floor drain, trench drain, mop sink, hub drain, standpipe, utility sink or laundry sink. Condensate drain connections to a lavatory wye branch tailpiece or to a bathtub overflow pipe shall not be considered as discharging to a plumbing fixture. Except where discharging to grade outdoors, the point of discharge of condensate drains shall be located within the same occupancy, tenant space or dwelling unit as the source of the condensate.



Allowable receptors for condensate

CHANGE SIGNIFICANCE: This new section states prohibitions on what are bad practices and also states allowances for what are considered to be acceptable practices for condensate discharge. The code was silent on these practices until now. This text expressly prohibits the connection of condensate drains directly to DWV piping and prohibits condensate from discharging into plumbing fixtures other than those listed. The intent is to prevent insanitary conditions and potential health hazards.

Health hazards are created by drilling holes in plumbing vent piping in attics to connect a condensate drain from HVAC appliances installed in the attic. This is but one example of the hazards this new text intends to prevent. This text also clarifies that connections to lavatory tailpieces and bathtub overflow pipes are acceptable, as this has been a common practice in some localities.



This excerpt is taken from *Significant Changes to the International Plumbing/Mechanical/Fuel Gas Codes, 2021 Edition*.

The Significant Changes series takes you directly to the most important changes that impact projects. Key changes are identified then followed by in-depth discussion of how the change affects real-world application. Photos, tables and illustrations are included to further clarify application. Available for the IBC, IRC, IFC, IECC and IPC/IMC/IFGC, the Significant Changes publications are very useful training and review tools for transitioning to a new code edition.