

Plumbing Final Inspection Checklist

This list is intended to offer a general overview of the types of elements our inspectors may focus on during an inspection. It should be noted that this list is not exhaustive and should not be considered a definitive guide. Each inspection is unique, and the specific circumstances of each case may result in variations regarding what is inspected or prioritized. Always consult with your assigned inspector for any questions that may arise from your project.

Materials & Equipment

- Improper pipe fittings in a drainage or venting system are not being used.
- Double fittings (Y, double TY, TY, or double waste) are not installed in a nominally horizontal soil or waste pipe.
- Plastic pipe conforms to B181.1, B181.2, B182.1, or B182.2 when used underground or inside a building for drainage.
- Plastic pipe conforms to B181.1 or B181.2 when used under a building or inside for venting.
- PE/AL/PE pipe and fittings have not been used in a hot water potable water system.
- PEX/AL/PEX pipe and fittings for potable water systems comply with B137.10.
- Galvanized pipe has not been used in a water distribution system, except for repairs.

Piping & Valves

- Support of ABS piping every 4 feet.
- Slip joints have not been used in the venting or drainage system.
- Connection of pipes with an increaser or reducer will permit drainage, except at exposed traps.
- Allowance made for expansion of piping.
- Suitable air break indirect connections.
- Vent pipe supported at roof termination.
- Piping protected against freezing temperatures.
- ¾" pipe from building control valve to the first branch that supplies the water heater.
- Backflow (vacuum breaker) preventer installed on all hose bibbs.
- Backflow preventer, testable, installed on all supplies to a lawn sprinkler system.

- Shower valves conform to CAN/CSAB125.
- Outside hose bibbs have an accessible stop and waste valve located inside the building.

Traps

- Floor drains have trap seal primers from a permanent source, with a floor drain installed in the basement.

Cleanouts

- Cleanout for the building drain is accessible.
- Cleanout installed on fixture drain on the kitchen sink or removable trap installed.
- Cleanout located at the base of stacks.

Slope and Length of Drainage Pipe

- Minimum slope of 1 in 50 (2%) for pipe that is 3" or less.
- Maximum length of fixture outlet pipe is 2'-11".

Vent Pipes

- Vent pipe of at least 1 ½" on each storey.
- Sewage ejector is vented.
- Vent pipe installed without sag and properly supported.
- Except for a wet vent, a vent pipe is connected above the horizontal centre line of soil or waste pipe.
- Vent pipe connections above the flood level of the fixtures they serve.
- Maximum distance from vent to trap weir is 4'-11".
- Vent terminates 2'-11" above and 11'-6" from windows, etc.

Fixtures & Appliances

- Kitchen sink, lavatory, bathtub/shower stall, and water closet installed.
- Water closet securely attached to the floor and has a separate shut-off valve.
- Hot water tank has a temperature and pressure relief valve, blow down pipe, shut-off valves, drain valve, and maximum water temperature.
- Shower valves conform to CAN/CSAB125.

Basement Rough-In Plumbing

- All rough-in drainage and venting systems for future installations are sealed with a permanent cap.