

Plumbing final inspection checklist

Plumbing final inspection is where the punch list is either short or expensive. This checklist walks the finished work the way an owner or AHJ will see it: devices on, systems running, everything labeled. Each item gets the photo that closes it instead of reopening it. Work is commonly verified against IPC / UPC family. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The plumbing foreman at trim-out, then the GC or owner's representative at final acceptance. When: After fixtures are set and water is turned on to the building, before the AHJ final and owner turnover.

Fixtures and trim

- ☐ **Fixtures set level, sealed and operating**
Fixture level side to side, caulk bead continuous, no rocking when weight is applied. 2 photos required
- ☐ **Supply lines and shutoffs run with no leaks**
Shutoff valves operate fully, no moisture at the connection after running water for several minutes. 2 photos required
- ☐ **Traps assembled correctly and holding water**
Trap arm within the required distance to the vent, water standing in the trap after use. 1 photo required
- ☐ **Hot water at the fixture within the set range**
Thermometer reading at lavs and showers after a short run, within the range the mixing valve or heater is set to deliver. 1 photo required
- ☐ **Fixtures drain freely without gurgling**
Each fixture filled and released; slow drainage or gurgling points to a partial blockage or a venting problem to chase down. No photo required

Water heater and mechanical room

- ☐ **Water heater set, strapped and connected**
Seismic strapping where required, dielectric unions at dissimilar metals, no leaks at fittings. 2 photos required
- ☐ **Temperature and pressure relief valve piped to a safe termination**
Discharge line sized correctly, terminates within the required height above a drain or floor, not capped. 1 photo required
- ☐ **Expansion tank and backflow devices installed and supported**
Tank supported independent of the pipe, backflow preventer oriented and accessible for testing. 1 photo required
- ☐ **Fuel-fired water heater vent connector secured**
Where the heater is fuel-fired, the vent connector rises toward the vent, joints fastened, clearance to combustibles as the heater's rating label shows. No photo required

Exterior and closeout

- ☐ **Hose bibbs and exterior fixtures operate without leaks**
Each bibb run under pressure, checked at the wall penetration and the handle for drips. 1 photo required
- ☐ **Cleanouts accessible and capped at finish grade or floor**
Cover flush with finished surface, cap seated and not painted or grouted shut. 1 photo required
- ☐ **Fixture count and water pressure verified at the last outlet**
Static and running pressure checked at the fixture furthest from the meter or pump. 1 photo required

- ☐ **Floor drains holding a trap seal, primers working**
Where floor drains are installed, water stands in each trap and any trap primer delivers water when triggered or on its timer. No photo required
- ☐ **Potable water disinfection results on file where required**
Disinfection and bacteriological test results for the domestic water system received where the spec or AHJ calls for them. No photo required
- ☐ **Main and isolation shutoffs tagged for the owner**
Main water shutoff and each isolation valve tagged, matching the valve chart where the project has one, with the chart or shutoff list in the turnover package. 1 photo required