

plumbing inspections + tests

Under the NYC Fuel Gas Code, there is no partial inspection for a gas pipe test — and all gas-fired equipment must be fully installed for gas authorization.

Plumbing work is the installation, maintenance, repair, modification, extension or alteration of waste, domestic water, gas or standpipe (not connected to a sprinkler) in any building or piping system. See NYC Building Code Chapter 4, Article 401.

NYC Plumbing Code: Roughing + Finishing

- Fernco couplings or Jim caps: Not permitted
- Bottle, Bell + S Traps: Not permitted
- Grease Traps: Both sides must be vented if on the floor, below the fixtures
- Two + Three Compartment Food Preparation Sink Drains: Must have individual air gaps
- Lavatory Sinks, No Overflow: 2" trap + grid strainer
- Laundry Standpipes: Must be 18" – 42" (not 48")
- Roughing Inspection: Tub/shower body and pressure-balancing valve piping must be completed
- Roughing Inspection: Stall shower venting and traps required (shower pans are not)
- Make-up Water, DDC, RPZ Connections: Must have air gap
- Pressure Relief Valves: Piped down; unthreaded end not directly connected to house drainage or vent lines
- Tub Connections: Separate inspection required if not inspected during the roughing inspection
- All Traps + Cleanouts: Must be accessible
- PVC Waste + Vent Lines: Allowed in residential buildings five stories or less
- Trap Size: See Buildings Bulletin 2008-005

NYC Fuel Gas Code: Gas Authorization

- Flue, Make-up Air, Venting + Safety Control Wiring: Must be complete for dryers, hot water heaters, boilers, HVAC units
- Fire Protection Inspections: Must be successfully completed when associated with a gas authorization request
- Gas Test: Must not be more than one year old
- Boiler Inspection Report or Boiler Work Type: Sign-off required
- Non-residential Cooking Equipment: FDNY fire suppression letter required
- Residential Stoves + Dryers (Not Installed Prior to Gas Authorization): LMP affidavit required

NYC Fuel Gas Code: Gas Pipe Test Requirements

- Meter Bars and/or Flanges: Must be installed
- Future tees not permitted; appliance valves installed
- System should have 5 PSI gauge with 3 PSI test
- Test must include outlet side of meter to appliance
- New Gas Piping Risers: Drip leg prohibited
- Foundation, Footing or Bearing Wall Penetrations: Steel sleeve required (fire stopping for other penetrations)
- Painted Gas Piping: 90 PSI test required
- Approved Commercial Gas Flex: Commercial cooking equipment on wheels with restraints
- Residential Stoves, Ovens + Dryers: Only these may use a gas flex; other equipment must be hard-piped.