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HVAC REPLACEMENT SPECIFICATIONS, REQUIREMENTS AND GUIDELINES

ADDRESS: _____

NOTE: This document is intended for replacement of existing units. Installation of new appliances and new ducting may trigger plans required to be signed and sealed by a licensed Illinois architect or engineer.

1. SUBMIT THE FOLLOWING:

- Building Permit Application that is filled out and signed by applicant.
- Site Plan (or other staff approved document) that also indicates Location and Distances of the proposed (for exterior installations).
- INDICATE type of proposed work: [] Air Conditioner [] Furnace [] Humidifier [] Other: _____

2. Air Conditioner Requirements:

- Indicate location of condenser unit: [] Front Yard [] Side Yard [] Rear Yard [] Roof [] Other _____
- The breaker at panel shall match the manufacture label located on the unit.

3. Furnace Requirements:

- Comply with Manufacturers' specifications for appliance installation (including, but not limited to, service and combustible distances, ventilation, etc.); Manufacturer specifications shall be on site and available for inspector.
- Install a proper drip (Section 408.3, IFGC) or sediment trap (Section 408.4, IFGC) - see detail on second page.
- Humidifier: Saddle valves are **not** permitted (Section 890.1130(e)(5) Illinois Plumbing Code – see detail on third page.
- Provide a 15- or 20-amp receptacle within 25 feet of appliance (section 210.63, NEC).

4. Any new work discovered in the field during inspections that is not indicated on the plans will trigger a stop work order and require submission of revisions to approved plans. (Architect's letter and/or new plan sheets may be required)

5. Inspections requests shall be made by 2:00 PM at least 1 business day prior to intended inspection(s).

6. Inspections: include an Electric Final and/or Plumbing Final inspection (which may necessitate entry into the building).

7. This Specification/Sign off sheet shall be on site at all times and available for inspections; otherwise, the inspection(s) may be subject to failure.

Comply with all adopted City codes and policies, including, but not limited to: International Building Code, International Residential Code, International Existing Building Code, International Energy Conservation Code, State of Illinois Energy Conservation Code, Additional Inspections (\$50 for Residential; \$100 for Commercial), Work Without Permit and the above requirements.

Contractor Printed Name	Signature	Date
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Property Owner Printed Name	Signature	Date
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Section 408.4 Sediment trap.

Where a sediment trap is not incorporated as part of the appliance, a sediment trap shall be installed downstream of the appliance shutoff valve as close to the inlet of the appliance as practical. The sediment trap shall be either a tee fitting having a capped nipple of any length installed vertically in the bottommost opening of the tee as illustrated in Figure 408.4 or other device approved as an effective sediment trap. Illuminating appliances, ranges, clothes dryers, decorative vented appliances for installation in vented fireplaces, gas fireplaces and outdoor grills need not be so equipped.

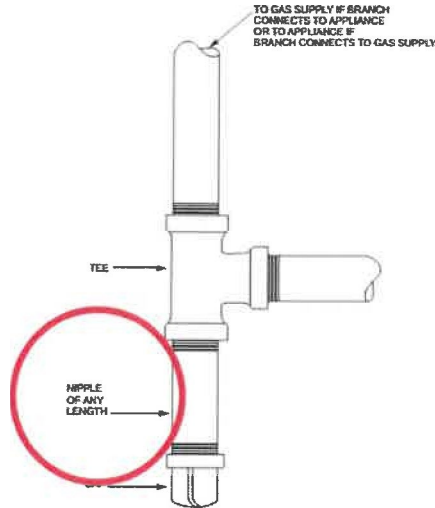
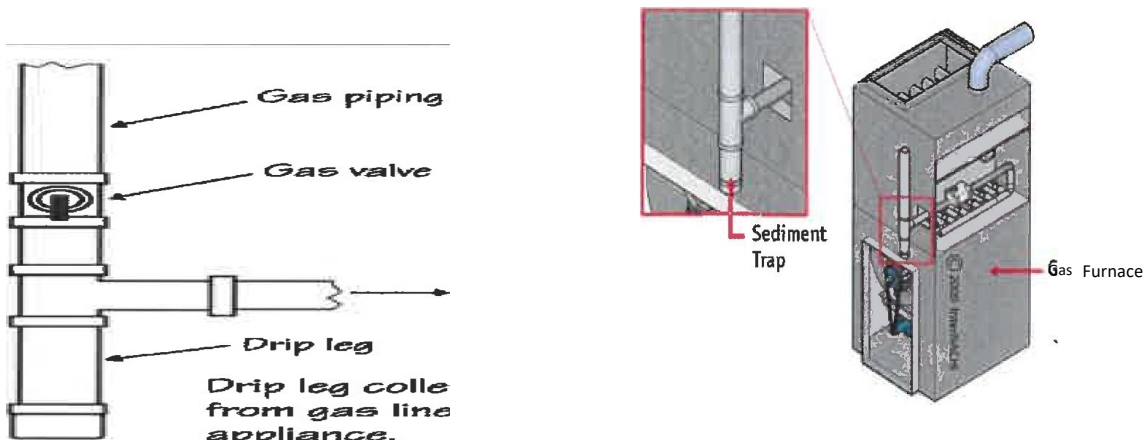


FIGURE 408.4 METHOD OF INSTALLING A TEE FITTING SEDIMENT TRAP

Section 409.5 Appliance shutoff valve.

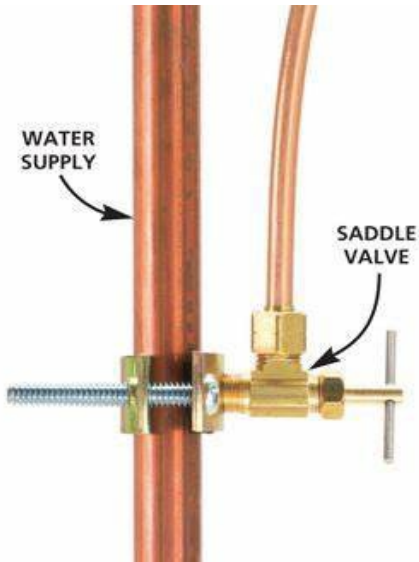
Each appliance shall have a shutoff valve that is located in the same room as the appliance within 6 feet of the appliance and upstream of the union, connector, or disconnect device it serves. Shutoff valves shall be accessible. Shutoff is preferred in proximal distance to the tee connection to the appliance.



Section 890.1130(e)(5)

No pipe or fitting of the water supply system shall be drilled or tapped nor shall any band or saddle be used except at the water main in the street.

NOT PERMITTED



PERMITTED

