

Lenoir City Utilities Board

Gas Department

Gas Inspections

Revised March 28, 2001

Reviewed April 30, 2008

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1) Installation of Gas Piping

- A) The laying or installing of natural gas “Main or Service” lines in the same ditch with water, sewer, electric, communications, cable TV, drainage pipe or any other utility is strictly prohibited.
- B) LCUB will allow customers to dig their own “Service” line ditch under the following conditions:
 - 1) Customers must dig ditch a minimum of 18-inches deep, with the route being approved by an LCUB representative.
 - 2) Ditch must be inspected by LCUB representative prior to pipe being installed in ditch.
 - 3) Customer will be responsible for backfilling ditch after pipe is installed.

2) Gas Appliances

Article 2.1 – All gas appliances shall have a permanent gas cutoff, union and drip leg. The cutoff shall be installed upstream from the union. An approved flex tubing at the appliance is an acceptable replacement for the union. The cutoff shall be located no farther than six (6) feet from the appliance and in the same room. The vent pipe for natural draft appliances shall go a minimum of 18 inches above the roofline and have an approved vent cap. Any time a vent pipe passes through a combustible wall, a 2-inch clearance for single wall vent pipe and a 1-inch clearance for double wall vent pipe are required. Venting for direct vent and power vent appliances will be inspected according to manufacturer’s specifications.

3) Gas Water Heaters

- A) A 2-inch clearance to the nearest part of the jacket is required.
- B) All gas water heaters will be installed on an 18-inch stand.
- C) If gas water heater is installed in a closet, proper ventilation such as louvered doors is required. Additional outside air may be required for ventilation by LCUB representative.
- D) Gas water heaters installed in closets or small rooms will require a double wall vent pipe.
- E) A minimum vent pipe size of 3 inches is required.
- F) Article 2.1 shall apply.

4) Gas Floor Furnaces

- A) The lowest portion of the floor furnace shall have a minimum clearance of 6 inches from ground level, except where the lower portion is sealed by the manufacturer. If the lower portion of the floor furnace is sealed by the manufacturer, a 2-inch clearance is acceptable.
- B) A 12-inch clearance shall be provided on all sides of the floor furnace except the control side, which shall have an 18-inch clearance.
- C) Article 2.1 shall apply.

5) Gas Clothes Dryer

- A) Gas clothes dryers shall be installed with a minimum clearance of 6 inches from adjacent combustible construction unless specified otherwise by the manufacturer.
- B) The vent from a gas clothes dryer shall not be connected to any natural draft vent from another appliance.
- C) The cutoff for a gas clothes dryer shall be readily accessible.
- D) Article 2.1 shall apply.

6) Unvented Gas Room Heaters/Space Heaters

- A) Unvented gas room heaters/space heaters shall be installed in accordance with manufacturer's specifications.
- B) Unvented gas room heaters/space heaters will not be allowed in bedrooms or bathrooms.
- C) Article 2.1 shall apply.

7) Vented Gas Room Heaters/Space Heaters

- A) Vented gas room heaters/space heaters shall be installed in accordance with manufacturer's specifications.
- B) Vented gas room heaters/space heaters will not be allowed in bedrooms or bathrooms.
- C) Vented gas room heaters/space heaters shall be located so as not to cause a hazard to walls, floors, curtains, furniture or doors.
- D) Article 2.1 shall apply.

8) Gas Ranges

- A) Gas ranges shall be installed in accordance with manufacturer's specifications.
- B) The cutoff for a gas range shall be readily accessible.
- C) Article 2.1 shall apply.

9) Gas Logs

- A) Gas logs shall be installed in accordance with manufacturer's specifications.
- B) Article 2.1 shall apply.

10) Customer Piping Specifications and Requirements

- A) No galvanized pipe is permitted on the customer's side of the meter.
- B) Black iron pipe is required for the customer's side of the meter.
- C) Gastite flexible gas piping from Titeflex is an acceptable replacement for black iron pipe and manufacturer's specifications will apply.
- D) Soft drawn copper is acceptable for small appliances such as a gas grill.
- E) No bushings shall be allowed on the customer's side of the meter.
- F) Any underground black iron piping on the customer's side of the meter shall have welded joints, be taped and coated and must be inspected by an LCUB representative before being covered.
- G) The customer/contractor is responsible for tying customer's line to the gas meter.
- H) The customer/contractor is responsible for performing a pressure test on their line and a Pressure Test Certification letter must be completed and turned in to an LCUB official prior to the gas being turned on.
- I) A sleeve shall be installed where any gas piping goes through a combustible wall or floor and also where the line runs from the meter into the customer's house. The portion of the sleeve extending through the inside wall of the house may be insulated, leaving the portion extending through the outside of the wall open.
- J) No foam insulation is permitted in sleeves.

11) Statement of Inspections

Other SBCCI Standard Gas Codes shall apply when applicable.

The LCUB Representative performing the inspection of any and all appliances and service connections shall adhere to all of the above safety codes. The final decision of acceptance or rejection of an inspection shall be the sole responsibility of the LCUB Representative performing the initial inspection. Any appeals by the customer must be presented to the General Manager or an authorized representative of LCUB's Gas Department.