

SECTION I

MOBILE HOMES

1. GENERAL

All mobile homes to be served with natural gas shall be adequately supported by underpinning, placed upon a substantial hard surface, such as concrete pads, sufficient to support the entire weight of the mobile home. The weight of the mobile home shall not rest on wheels.

Piping installations in mobile homes must be installed in accordance with this manual and must comply with the regulations in the "National Fuel Gas Code" ANSI Z223.1/NFPA 54. Gas connections to the mobile home must comply with the "Standard for the Standard Installation of Mobile Homes" ANSI/NFPA 501A.

2. CUSTOMER SERVICE PIPING

2.1 Typically the house piping connector is located in the rear third of the mobile home. Piping shall not be buried under any portion of the mobile home, stand or patio slab unless properly cased and vented.

2.2 The customer service pipe to a mobile home is subject to tests and requirements that pertain to all gas pipe installations. See Inspection & Testing Section H.

2.3 See Section K, Sketch 6, Mobile Home & Free-Standing Meter Installation. Contact Duke Energy for additional information on this type of installation.

3. METER SET ASSEMBLY SUPPORT

3.1 At the service riser location, a 3" x 3" x 5' long reinforced concrete post will be installed by the Company for meter support.

4. HOUSE PIPING

4.1 Gas piping shall be designed in accordance with accepted engineering practice to be of such size and installed to provide a supply of gas to meet the maximum expected demand. Standard pressure piping systems should be sized such that the pressure loss does not exceed 0.3 inch water column (W.C.). The minimum pipe size to adequately supply gas from the meter to a mobile home is 3/4".

4.2 See Section K, Sketch 7 for meter outlet or house pipe riser location.

- 4.3 For meters located more than two (2) feet from the mobile home, the house line must be buried. Where customer house piping is buried, the requirements and specifications covering "Customer Service Lines" shall apply as stated in Section E, unless a specific exception is stated in this section of the manual, buried metallic house piping shall be insulated and cathodically protected. See Section F.
- 4.4 Customer connections to the mobile home must be made with approved piping materials or an A.G.A. design approved flexible mobile home connector (not an appliance connector) of sufficient capacity and no longer than four (4) feet. The flexible connector shall not run through the skirting. Rigid piping must run through the skirting and be securely fastened to the home. In addition, the flexible connector must be installed with some slack allowing for movement and must not contain sharp bends.
- 4.5 Shut off valves for appliances can be located either in the coach or beneath the coach on the branch piping.