

## Appendix D

**D 26.0 Single and Multiple Manufactured Home Site Fuel Supply Systems.****D 26.1 Gas Piping Installations.**

**D 26.1.1 Gas Supply Connections – Underground Gas Piping.** Gas supply connections at sites, where provided from an underground gas supply piping system, shall be located and arranged to permit attachment in a work-like manner to a manufactured home occupying the site. For the installation of LPG storage systems, the provisions of NFPA 58, *Liquefied Petroleum Gas Code* or equivalent International Standard(s) approved by the Authority Having Jurisdiction, shall be followed.

**D 26.1.2** Underground gas piping system installations shall comply with the Building Code and Sections E 26.1.2.1 and E 26.1.2.2. [NFPA 501A:4.2.1]

**D 26.1.2.1** Underground gas piping shall not be installed beneath that portion of an M/H site reserved for the location of a manufactured home or M/H accessory building or structure unless installed in the open-ended gas-tight conduit of Section E 26.1.2.2. [NFPA 501A:4.2.1.1]

**D 26.1.2.2** The open-ended gas-tight conduit shall conform to the following [NFPA 501A:4.2.1.2]:

- (1) The conduit shall be not less than Schedule 40 pipe that is approved for underground installation beneath buildings. [NFPA 501A:4.2.1.2.1]
- (2) The interior diameter of the conduit shall be not less than 15mm (0.5 in.) larger than the outside diameter of the gas piping. [NFPA 501A:4.2.1.2.2]
- (3) The conduit shall extend to a point not less than 100mm (4 in.) beyond the outside wall of the M/H, accessory building, or structure, and the outer ends shall not be sealed. [NFPA 501A:4.2.1.2.3]
- (4) Where the conduit terminates within a M/H, accessory building, or structure, it shall be readily accessible, and the space between the conduit and the gas piping shall be sealed to prevent leakage of gas into the building. [NFPA 501A:4.2.1.2.4]

**D 27.0 Manufactured Home Site Gas Shutoff Valve.**

Each M/H site shall have a listed gas shutoff valve installed upstream of the M/H site gas outlet. The gas shutoff valve shall be located on the outlet riser at a height of not less than 15cm (6 in.) above grade.

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A gas shutoff valve shall not be located under any M/H. The outlet shall be equipped with a cap or plug to prevent discharge of gas whenever the M/H site outlet is not connected to a M/H. [NFPA 501A:4.2.2.1 - 4.2.2.4]

**Exception:** Gas shutoff valves for manufactured homes located on foundations constructed in accordance with the Building Code.

**D 28.0 Gas Meters.**

**D 28.1 Support of Meters.** Where installed, gas meters shall be adequately supported by a post or bracket placed on a firm footing or other means providing equivalent support and shall not depend on the gas outlet riser for support. [NFPA 501A:4.2.3.1]

**D 28.2 Location of Meters.** Each gas meter shall be installed in an accessible location and shall be provided with unions or other fittings so that the motor is removed easily and replaced in an upright position. Meters shall not be installed in unventilated or inaccessible locations or closer than 1m (3 ft.) to sources of ignition. [NFPA 501A:4.2.3.2.1 - 4.2.3.2.2]

**D 28.3 Meter Shutoff Valve or Cock.** Gas meter installations shall be provided with shutoff valves or cocks located adjacent to and on the inlet side of the meters. In the case of a single meter installation utilizing an LP-Gas container, the container service valve shall be permitted to be used in lieu of the shutoff valve or cock. Gas meter installations shall be provided with test tees located adjacent to and on the outlet side of the meters. [NFPA 501A:4.2.4.1 - 4.2.4.3]

**D 29.0 Manufactured Home Community Natural Gas Distribution Systems.**

Underground metallic fuel piping systems shall comply with the cathodic protection requirements of 49 CFR 191 and 192, *Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards* or equivalent International Standard(s) approved by the Authority Having Jurisdiction. [NFPA 501A:4.3.1]

**D 30.0 Manufactured Home Community LPG Supply Systems.**

Where ten or more customers are served by one LPG supply system, the installation of the gas supply system shall be in accordance with 49 CFR 192, *Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards* or equivalent International Standard(s) approved by the Authority Having Jurisdiction. Other liquefied petroleum gas supply systems and the storage and handling of LPG shall be in accordance with NFPA 58, *Liquefied*