CHAPTER 7

MESA FUEL GAS CODE
(4248,4640,5055,5487)

4-7-1: INTERNATIONAL FUEL GAS CODE ADOPTED (4248,4640,5055,5487)
4-7-2: PENALTY CLAUSE (4248,4640,5487)

4-7-1: INTERNATIONAL FUEL GAS CODE ADOPTED: (4248,4640,5487)
That following publications are hereby adopted by reference as if set out at length in this Code, three copies of which shall be filed in the office of the City Clerk and kept available for public use and inspection: (4248,4640,5487)

The 2018 International Fuel Gas Code, including: (5487)

Appendix A - Sizing and Capacities of Gas Piping; (4248,5487)

Appendix B - Sizing of Venting Systems Serving Appliances Equipped with Draft Hoods, Category 1 Appliances, and Appliances Listed for Use with Type B Vents (4248,5487);

Appendix C - Exit Terminals of Mechanical Draft and Direct-Vent Venting Systems; (4248,4640,5487)

are hereby referred to, adopted, and made a part hereof as if fully set forth in this Section, with the following changes in and amendments to said Code: (4248,4640,5487)

(A) Chapter 1 Administration. (5487)

(1) Section 101.1 of the 2018 International Mechanical Code is amended to read, in its entirety, as follows: (4248,5487)

101.1 Title. These regulations shall be known as the Mesa Fuel Gas Code, hereinafter referred to as “this code”. (4248,5487)

(2) Section 101.2.1 through 110.4 of the 2018 International Fuel Gas Code is deleted in its entirety. (4248,5487)

(B) Chapter 4 Gas Piping Installations. (5487)

Section 406.4 and 406.4.1 are amended to read as follows: (4248,4640,5487)

406.4 Test Pressure Measurement. Test pressure shall be measured with a manometer or with a pressure-measuring device designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the pressure test period. The source of pressure shall be isolated before the pressure tests are made. (4248,5487)

406.4.1 Test Pressure. The test pressure to be used shall be not less than ten (10) pounds per square inch (68.9 kPa) gauge pressure, or where approved by the building official, the piping and valves may be tested at a pressure of at least six inches (6") (152.4 mm) of mercury, measured with a manometer or slope gauge. For welded piping, and for piping carrying gas at pressures in excess of fourteen inches (14") (0.4 m) water column pressure, the test pressure shall not be less than sixty (60) pounds per square inch (413.4 kPa). Where the test pressure exceeds 125 psig (862 kPa gauge), the test pressure shall not exceed a value that produces a hoop stress in the piping greater than fifty percent (50%) of the specified minimum yield strength of the pipe. (4248,5487)
406.4.3 Test Gauges. Tests required by this Code that are performed utilizing dial gauges shall be limited to gauges having the following pressure graduations or incrementations: (4248,4640,5487)

406.4.3.1. Required pressure tests of ten (10) pounds (69 kPa) or less shall be performed with gauges of one-tenth (1/10) pound (0.7 kPa) incrementation or less. (4248,5487)

406.4.3.2. Required pressure tests exceeding ten (10) pounds (69 kPa) but less than one hundred (100) pounds (689 kPa) shall be performed with gauges of one (1) pound (6.9 kPa) incrementation or less. (4248,5487)

406.4.3.3. Required pressure tests exceeding one hundred (100) pounds (689 kPa) shall be performed with gauges incremented for two percent (2%) or less of the required test pressure. (4248,5487)

406.4.3.4. Test gauges shall have a pressure range not greater than twice the test pressure applied. (4248,5487)

406.8 Connection of service utilities. A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the code official. (4248,5487)

(C) Chapter 8 Referenced Standards. (5055,5487)

NFPA Standards have been amended to read as follows: (5487)
NFPA 211 – 19 Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances (5487)
NFPA 409 – 19 Aircraft Hangars (5487)

4-7-2: PENALTY CLAUSE: (4248,4640, 5487)

Any person, firm, or corporation who shall violate any of the provisions of this Chapter of the Mesa City Code as amended shall be subject to all penalties and provisions of Section 4-1-9. (4248,4640,5487)