CHAPTER 6

MESAA MECHANICAL CODE

4-6-1: INTERNATIONAL MECHANICAL CODE ADOPTED (4247,4639,5055,5486)
4-6-2: PENALTY CLAUSE (4247,4639,5486)

4-6-1: INTERNATIONAL MECHANICAL CODE ADOPTED: (4247,4639,5486)
The 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: (4247,4639,5486)

The 2018 International Mechanical Code: (5486)
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: (4247,5486)

(A) Chapter 1 Administration (5486)

(1) Section 101.1 of the 2018 International Mechanical Code is amended to read, in its entirety, as follows: (4247,5486)

101.1 Title. These regulations shall be known as the Mesa Mechanical Code, hereinafter referred to as “this code”. (4247,5486)

(B) Chapter 2 Definitions (5486)

(1) Section 202. The definition of “unusually tight construction” has been added and reads as follows: (4247,5486)

UNUSUALLY TIGHT CONSTRUCTION: Construction meeting the following requirements: (4247,5486)

1. Walls exposed to the outside atmosphere having a continuous water vapor retarder with a rating of 1 perm (57 ng/s · m2 · Pa) or less with openings gasketed or sealed; (4247,5486)

2. Openable windows and doors meeting the air leakage requirements of the Mesa Energy Code, Section 402.4.2; and (4247,5055,5486)

3. Caulking or sealants are applied to areas, such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical, and gas lines, and at other openings. (4247,5486)

(C) Chapter 5 Exhaust Systems (5486)

(1) Section 509.1 Where Required is amended by adding the following exception: (5486)

EXCEPTION: Type I hoods serving an individual electric or gas conveyor pizza oven unit or stack of units, unless the oven manufacturer requires a fire suppression system. (4639,5055,5486)

(D) Chapter 9 Specific Appliances, Fireplaces, and Solid-Fuel-Burning Equipment is amended by adding a new Section. Section 930 Fireplace Restrictions. (4247,4639,5055,5486)

(1) 927 Fireplace Restrictions. (4247,4639,5486)

927.1 Definitions. For purposes of this Section, the following words and terms shall have the meaning
ascribed thereto: (4247,4639,5486)

**FIREPLACE**: Means a built-in-place masonry hearth and fire chamber or a factory-built appliance, designed to burn solid fuel or to accommodate gas or electric log insert or similar device, and which is intended for occasional recreational or aesthetic use, not for cooking, heating, or industrial processes. (4247,5486)

**SOLID FUEL**: Means and includes, but is not limited to, wood, coal, or other nongaseous or nonliquid fuels, including those fuels defined by the Maricopa County Air Pollution Control Officer as "inappropriate fuel" to burn in residential wood-burning devices. (4247,5486)

**WOOD STOVE**: Means a solid-fuel-burning heating appliance including a pellet stove, which is either freestanding or designed to be inserted into a fireplace. (4247,5486)

(2) 927.2 General. On or after December 31, 1998, no person, firm, or corporation shall construct or install a fireplace or a woodstove, and the City shall not approve or issue a permit to construct or install a fireplace or a woodstove, unless the fireplace or woodstove complies with one (1) of the following: (4247,4639,5486)

1. A fireplace which has permanently installed gas or electric log insert; (4247,5486)

2. A fireplace, woodstove, or other solid-fuel-burning appliance which has been certified by the United States Environmental Protection Agency as conforming to 40 Code of Federal Regulations Part 60, Subpart AAA; (4247,5486)

3. A fireplace, woodstove, or other solid-fuel-burning appliance that has been tested and listed by a nationally recognized testing agency to meet performance standards equivalent to those adopted by 40 Code of Federal Regulations Part 60, Subpart AAA; or (4247,5486)

4. A fireplace, woodstove, or other solid-fuel-burning appliance that has been determined by the Maricopa County Air Pollution Control Officer to meet performance standards equivalent to those adopted by 40 Code of Federal Regulations Part 60, Subpart AAA; or (4247,5486)

5. A fireplace that has a permanently installed woodstove insert that complies with paragraphs 2, 3, or 4 above. (4247,5486)

EXCEPTIONS: The following installations are not regulated and are not prohibited by this Section: (4247,5486)

1. Furnaces, boilers, incinerators, kilns, and other similar space-heating or industrial process equipment; (4247,5486)

2. Cook stoves, barbecue grills, and similar appliances designed primarily for cooking; and (4247,5486)

3. Fire pits, barbecue grills, and other outdoor fireplaces. (4247,5486)

(3) 930.2.1 Fireplaces constructed or installed on or after December 31, 1998, that contain a gas or electric log inset or a woodstove inset, shall not be altered to directly burn wood or any other solid fuel. On or after December 31, 1998, no person, firm, or corporation shall alter a fireplace, woodstove, or other solid-fuel-burning appliance in any manner that would void its certification or operational compliance with the provisions of this Section. (4247,5486)

(4) 930.2.2 Fireplaces constructed or installed on or after December 31, 1998, shall not be altered without first obtaining a permit from the Building Safety Director to insure compliance with this Section. (4247,4639,5486)

(E) Chapter 10, Boilers, Water Heaters, and Pressure Vessels is deleted entirely. (4247,4639,5055,5486)
(F) Chapter 15 Referenced Standards is amended to read as follows: (5486)

- NFPA 72-19 National Fire Alarm Code (5486)
- NFPA 211 – 19 Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances (5486)

4-6-2: **PENALTY CLAUSE: (4247,4639,5486)**

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. (4247,4639,5486)