

TITLE 14 HOUSING AND CONSTRUCTION
CHAPTER 9 MECHANICAL CODES
PART 2 2024 NEW MEXICO MECHANICAL CODE

14.9.2.1 ISSUING AGENCY: Construction Industries Division (CID) of the Regulation and Licensing Department.
[14.9.2.1 NMAC - Rp, 14.9.2.1 NMAC, XX/XX/XXXX]

14.9.2.2 SCOPE: This rule applies to all contracting work performed in New Mexico on or after XX XX, XXXX, that is subject to the jurisdiction of CID, unless performed pursuant to a permit for which an application was received by CID before that date.
[14.9.2.2 NMAC - Rp, 14.9.2.2 NMAC, XX/XX/XXXX]

14.9.2.3 STATUTORY AUTHORITY: Sections 60-13-9, 60-13-33, 60-13-44, 60-13-45, 60-13-46 and 60-13-47 NMSA 1978.
[14.9.2.3 NMAC - Rp, 14.9.2.3 NMAC, XX/XX/XXXX]

14.9.2.4 DURATION: Permanent.
[14.9.2.4 NMAC - Rp, 14.9.2.4 NMAC, XX/XX/XXXX]

14.9.2.5 EFFECTIVE DATE: XX XX, XXXX, unless a later date is cited at the end of a section. From the date of publication of this rule in the New Mexico register, until XX XX, XXXX, permits may be issued under either the previously adopted rule, or this rule. After XX XX, XXXX, permits may be issued only under this rule.
[14.9.2.5 NMAC - Rp, 14.9.2.5 NMAC, XX/XX/XXXX]

14.9.2.6 OBJECTIVE: The purpose of this rule is to establish minimum standards for the installation, alteration, repair, addition to, and replacement of mechanical systems including equipment, appliances, piping, fittings and appurtenances including ventilating, heating, cooling, air conditioning, and refrigeration systems, incinerators, and other energy related systems in New Mexico.
[14.9.2.6 NMAC - Rp, 14.9.2.6 NMAC, XX/XX/XXXX]

14.9.2.7 DEFINITIONS: See 14.5.1 NMAC, General Provisions and Chapter 2 of the 2024 Uniform Mechanical Code (UMC) as amended in 14.9.2.10 NMAC.
[14.9.2.7 NMAC - Rp, 14.9.2.7 NMAC, XX/XX/XXXX]

14.9.2.8 ADOPTION OF THE 2024 UNIFORM MECHANICAL CODE:
A. This rule adopts by reference the 2024 UMC, as amended by this rule.
B. In this rule, each provision is numbered to correspond with the numbering of the 2024 UMC.
C. This rule shall apply in conjunction with the provisions of all applicable New Mexico construction codes, laws and standards.
[14.9.2.8 NMAC - Rp, 14.9.2.8 NMAC, XX/XX/XXXX]

14.9.2.9 CHAPTER 1 ADMINISTRATION: See this chapter of the UMC except as provided below.

A. Section 101.0 General. See this section of the UMC except as provided below.
(1) Section 101.1 Title. Delete this section of the UMC and substitute with the following:
This code shall be known as 14.9.2 NMAC, the 2024 New Mexico Mechanical Code (NMMC).

(2) Section 101.2 Scope. Delete this section of the UMC and see 14.9.2.2 NMAC.

(3) Section 101.3 Purpose. Delete this section of the UMC and see 14.9.2.6 NMAC.

(4) Section 101.4 Unconstitutional. Delete this section of the UMC and see the Construction Industries Licensing Act (CILA) and its rules.

(5) Section 101.5 Validity. Delete this section of the UMC and see CILA and its rules.

B. Section 102.0 Applicability. See this section of the UMC except as provided below.

(1) Section 102.1 Conflicts between codes. Delete this section of the UMC and see 60-13-44 NMSA 1978 and 14.5.1 NMAC.

(2) Section 102.2 Existing installations. See this section of the UMC and 60-13-44 NMSA 1978 and 14.7.7 NMAC.

- (3) **Section 102.3 Maintenance.** See this of the UMC and 14.5.2 and 14.6.6 NMAC.
- (4) **Section 102.8 Appendices.** Delete this section of the UMC and see 14.9.2.29 NMAC.

C. **Section 103.0 Duties and Powers of the Authority Having Jurisdiction.** See this section of the UMC except as provided below.

- (1) **Section 103.1 General.** Delete this section of the UMC and see CILA and 14.9.2.10 NMAC.
- (2) **Section 103.2 Liability.** Delete this section of the UMC and see 60-13-26 NMSA 1978.
- (3) **Section 103.3 Applications and permits.** Delete this section of the UMC and see 14.5.2 NMAC.
- (4) **Section 103.4 Right of entry.** Delete this section of the UMC and see 60-13-42 NMSA 1978.

D. **Section 104.0 Permits.** See this section of the UMC except as provided below.

- (1) **Section 104.1 Permits required.** Delete this section of the UMC and see 14.5.2 NMAC.
- (2) **Section 104.2 Exempt work.** See this section of the UMC and 60-13-45 NMSA 1978.
- (3) **Section 104.3 Application for permit.** Delete this section of the UMC and see 14.5.2 NMAC.
- (4) **Section 104.4 Permit issuance.** Delete this section of the UMC and see 14.5.2 NMAC.
- (5) **Section 104.5 Fees.** Delete this section of the UMC and see 14.5.5 NMAC.

E. **Section 105.0 Inspections and Testing.** Delete this section of the UMC and see 14.5.3 NMAC.

F. **Section 106.0 Violations and Penalties.** Delete this section of the UMC and see 60-13-1 through 60-13-59 NMSA 1978, 14.5.3 and 14.5.8 NMAC.

G. **Section 107.0 Board of Appeals.** Delete this section of the UMC and see 14.5.1 NMAC.

H. **Table 104.5 Mechanical Permit Fees.** Delete this table from the UMC and see 14.5.5 NMAC. [14.9.2.9 NMAC - Rp, 14.9.2.9 NMAC, XX/XX/XXXX]

14.9.2.10 CHAPTER 2 DEFINITIONS: See this chapter of the UMC except as provided below.

A. **Section 203.0 Authority Having Jurisdiction.** Delete this definition in the UMC and substitute with the following: The authority having jurisdiction is the CID and the mechanical-plumbing trade bureau chief for adoption, enactment, interpretation and enforcement of the state adopted mechanical code as the minimum requirement for the state of New Mexico.

B. **Section 208.0** See the definitions in this section of the UMC except as provided below.

- (1) **Fire barrier.** Delete this definition from the UMC and see 14.7.2 NMAC.
- (2) **Fire code.** Delete this definition from the UMC and see 10.25.2 NMAC.
- (3) **Fire partition.** Delete this definition from the UMC and see 14.7.2 NMAC.
- (4) **Fire resistance rating.** Delete this definition from the UMC and see 14.7.2 NMAC.
- (5) **Fire resistive construction.** Delete this definition from the UMC and see 14.7.2 NMAC.
- (6) **Fire wall.** Delete this definition from the UMC and see 14.7.2 NMAC.

C. **Section 214.0** See this section of the UMC except as provided below.

(1) **Listed (third party certified).** See this definition in the UMC and add the following provision at the end of the definition. A manufacturer may select an independent certification organization of its choice to certify its products, provided that the certification organization has been accredited by the American national standards institute (ANSI), or another certification organization that CID has approved in writing.

(2) **Listing agency.** See this definition in the UMC and 60-13-44 NMSA 1978.

D. **Section 217.0 Occupiable Space.** Delete this section and see 14.7.2 NMAC or 14.7.3 NMAC. [14.9.2.10 NMAC - Rp, 14.9.2.10 NMAC, XX/XX/XXXX]

14.9.2.11 CHAPTER 3 GENERAL REGULATIONS: See this chapter of the UMC except as provided below.

A. **Section 301.4 Electrical Connections.** Delete this section of the UMC and see 14.10.4 NMAC.

B. **Section 303.7 Liquefied Petroleum Gas (LP-Gas) Facilities.** Delete this section of the UMC and see 19.15.40 NMAC.

C. **Section 304.2 Sloped Roof.** See this section of the UMC and add the following to the end:

Exception: Residential occupancies.

D. **Section 304.3 Access to Appliances on Roofs. Section 304.3.1 Access from the inside.** See this section of the UMC and add the following to the end: **Exception:** Buildings designated as R-3 occupancies.

E. 305.5 Drainage Pan. Delete this section of the UMC and substitute with the following: Where a water heater is located in an attic, in or on an attic assembly, floor-ceiling assembly, floor-subfloor assembly or where structural damage may result from a leaking water heater, a watertight pan of corrosion resistant materials shall be installed beneath the water heater in accordance with the following: (1) The drainage pan shall be provided with not less than ¾ of an inch (20mm) diameter drain to an approved location. The terminating end of the drainpipe shall be readily visible. (2) The drainage pan shall be not less than 1-1/2 inches (38mm) in depth. (3) Discharge from a relief valve into a drainage pan shall be prohibited.

F. Section 311.0 Heating and Cooling Air System. See this section of the UMC except as provided below.

(1) Section 311.2.1 Minimum filtration. See this section of the UMC except add the following to the end of the section: **Exception:** Residential occupancies.

(2) Section 311.3 Prohibited source. See this section of the UMC except delete the text of subsection (5) and substitute with the following: A closet, bathroom, laundry room, toilet room, kitchen; or where it will pick up objectionable odors, fumes, or flammable vapors.

G. Section 314.0 Balancing. See this section of the UMC except delete subsection (2) and see 14.9.9 NMAC.
[14.9.2.11 NMAC - Rp, 14.9.2.11 NMAC, XX/XX/XXXX]

14.9.2.12 CHAPTER 4 VENTILATION AIR: See this chapter of the UMC except as provided below.

A. Section 402.1.2 Ventilation in Healthcare Facilities. Delete this section of the UMC and substitute with the following: Mechanical ventilation for healthcare facilities shall be designed and installed in accordance with this code, ASHRAE/ASHE 170 and as prescribed below. Medical gas storage rooms shall maintain a temperature of not greater than 125 degrees Fahrenheit. Transfer or manifold rooms shall maintain a temperature not greater than 125 degrees Fahrenheit and not less than 20 degrees Fahrenheit.

(1) Medical gas storage or transfilling.
(a) Medical gases with outdoor storage or installations for medical gases and cryogenic fluids shall be provided with ventilation in accordance with chapter 18.
(b) Each transfilling area shall be provided with ventilation in accordance with chapter 18.
(c) Manifold areas, indoor storage, storage or manifold buildings for cryogenic fluids and medical gases shall be provided with natural ventilation or mechanical ventilation in accordance with this section.
(d) For the purposes of ventilation, the volume of the fluid (gas and liquid) to be used in determining the ventilation requirements shall be the volume of the stored fluid when expanded to standard temperature and pressure (STP) of either the largest single vessel in the enclosed space or of the entire volume of the connected vessels that are on a common manifold in the enclosed space, whichever is larger.

(2) Natural ventilation for medical gas storage areas. Natural ventilation shall be permitted to be used provided the following conditions are met as listed below. If these conditions cannot be achieved, mechanical ventilation shall be provided.

(a) Two openings shall be provided: one opening commencing within 12 inches of the top of the enclosure, and one opening commencing within 12 inches of the floor of the enclosure.
(b) The openings shall be designed and located to provide cross ventilation.
(c) The openings for natural ventilation shall be directly to the outside atmosphere without the installation of ductwork.
(d) Discharge from natural ventilation shall be a minimum distance in accordance with chapter 18.

(3) Mechanical ventilation for medical gas storage areas. Mechanical exhaust shall run continuously and be designed to maintain a negative pressure within the enclosure, unless an alternative design is first approved by the AHJ.

(a) Mechanical exhaust shall be at a rate of 1 L/sec of airflow for each 300L (1 cfm per five cubic feet of fluid) designed to be stored in the space and not less than 24 L/sec (50 cfm) and not more than 235 L/sec (500 cfm).

(b) Mechanical exhaust inlets shall draw air from 12 inches within the floor and be adjacent to the cylinders or containers and the inlet shall be unobstructed.

(c) Mechanical exhaust air fans shall be supplied with electrical power from the essential electrical power system.

(d) A dedicated exhaust system shall be required if the system connects to spaces that contain combustible or flammable materials and shall be constructed of noncombustible material.

(e) Means for make up air shall be provided in accordance with one of the following:

i. Transfer air through noncombustible ductwork from inside or outside spaces of the building provided none of the spaces contain combustible or flammable materials,

ii. Transfer air may be drawn from a corridor under the door up to the greater 24L/sec (50 cfm) or 15 percent of the room exhaust as prescribed in chapter 18, or

iii. Supply air may be permitted from any building ventilation system provided the system does not contain flammable or combustible vapors.

(f) Discharge from mechanical ventilation shall be a minimum distance in accordance with chapter 18.

(4) **Waste anesthetic gas systems.** Removal of excess anesthetic gas from the anesthesia circuit shall be in accordance with one of the following:

(a) **Semi-active system.** A dedicated exhaust system including an exhaust fan shall be provided to interconnect all the anesthesia gas circuits and shall provide sufficient airflow and negative pressure in the gas disposal tubing to prevent cross contamination within the circuits connected to the system; or

(b) **Passive system.** Anesthetic exhaust snorkels shall be provided with a dedicated exhaust system with an exhaust fan. The system shall be designed to provide sufficient airflow to capture the gases, vapors, and particles that may be expelled from gas disposal tubing. A one-inch diameter tubing from the snorkel shall be connected to the exhaust system. All exhausted air shall terminate and exhaust to the atmosphere. Any excess anesthetic gases shall be deposited into the exhaust system through a grille or further downstream in the exhaust duct.

(5) **Medical plume (surgical smoke) evacuation and filtration.** All medical plumes generated using energy devices during medical and surgical procedures shall be captured as close as practical to the point of generation by one of the following methods (or a combination):

(a) Ventilation by a dedicated exhaust system in accordance with the following: Be located outdoors, at least 25ft. from any windows, doors, air intakes, or any openings to buildings or places of public assembly, at an elevation different from air intakes, and shall prevent diversion of exhaust into occupied areas due to prevailing winds, adjacent buildings, topography or other possible influences; or

(b) Connection to exhaust or return duct after air cleaning through an ultra-low particulate air filter and gas phase filtration; or

(c) Point of use surgical smoke evacuator with ultra-low particulate air filter and gas phase filtration for air cleaning and return to the space; or

(d) Medical-surgical vacuum system with an in-line filter with an ultra-low particulate air filter and gas filtration for small amounts of plume in accordance with 14.8.4 NMAC.

(e) Evacuation exhausts from medical plumes shall be permitted to be shared with waste gas exhausts in accordance with this section.

B. Section 405.3 Bathroom Exhaust. See this section of the UMC except add the following:
Exception: Residential occupancies with an operable window located in the same room.

C. Section 405.4 Kitchen Exhaust. Delete this section of the UMC and substitute with the following: A mechanical exhaust system that discharges directly to the outdoors shall be provided in each kitchen that is not provided with a dedicated exhaust for each domestic cooktop. The exhaust duct shall be rigid with smooth interior and be installed in the kitchen area within eight feet of the appliance. The fan shall run intermittently (on demand) or continuously. A readily accessible manual control designed to be operated as needed or an automatic control shall be provided for intermittent operations.

[14.9.2.12 NMAC - Rp, 14.9.2.12 NMAC, XX/XX/XXXX]

14.9.2.13 CHAPTER 5 EXHAUST SYSTEMS: See this chapter of the UMC except as provided below.

A. Section 505.6 Fire Dampers. Delete this section of the UMC and see 14.7.2 NMAC.

B. Section 506.8 Fire Protection. Delete this section of the UMC and see 10.25.5 NMAC

(1) **Section 506.8.1 Loads.** See this section of the UMC.

(2) **Section 506.8.2 Corrosion.** See this section of the UMC.

(3) **Section 506.8.3 Vibration and stress.** See this section of the UMC.

(4) **Section 506.8.4 Expansion and contraction.** See this section of the UMC.

C. Section 507.2 Type I Hood Exhaust System Requirements. See this section of the UMC except

delete (5). **Section 507.2.6 Used in other applications.** Delete this section of the UMC.

D. Section 510.7.7 Fire Doors. Delete this section of the UMC and see 14.7.2 NMAC.

E. Section 511.1.6 Standard. Delete this section of the UMC and see 14.10.4 NMAC.

F. Section 511.3 Makeup Air. See this section of the UMC except add the following to the beginning of the first paragraph: Makeup air shall be provided for Type I hoods. Windows and doors shall not be used for the purpose of providing makeup air. The exhaust and makeup air systems shall be connected by an electrical interlocking switch. A device to sense continued air movement within the makeup air plenum shall be installed initiating a complete system shutdown if airflow is interrupted.

G. Section 513.0 Fire-extinguishing Equipment. Delete this section of the UMC and see 10.25.5 NMAC.

H. Section 514.0 Procedures for the Use, Inspection, Testing, and Maintenance of Equipment. See this section of the UMC except as provided below.

(1) Section 514.2 Inspection, testing, and maintenance. Delete this section of the UMC and see 10.25.5 NMAC.

(2) Section 514.3 Inspection for grease buildup. See this section of the UMC.

(3) Section 514.4 Cleaning of exhaust systems. See this section of the UMC and 10.25.5 NMAC.

I. Section 515.0 Minimum Safety Requirements for Cooking Equipment. See this section of the UMC except as provided below. **Section 515.1.1.2 Prior location.** Delete this section of the UMC and see 10.25.5 NMAC.

J. Section 516.0 Recirculating Systems. See this section of the UMC except as provided below.

(1) Section 516.2.7 Installation of electrical systems. Delete this section and see 14.10.4 NMAC.

(2) Section 516.5.1 Installation downstream. Delete this section of the UMC and see 10.25.5 NMAC.

(3) Section 516.5.2 Locations. Delete this section of the UMC and see 10.25.5 NMAC.

(4) Section 516.6.5 Inspection. Delete this section of the UMC and see 10.25.5 NMAC.

K. Section 517.0 Solid-Fuel Cooking Operations. See this section of the UMC except as provided below.

(1) Section 517.7.2 Listed fire-extinguishing equipment. Delete this section of the UMC and see 10.25.5 NMAC.

(2) Section 517.7.3 Rating and design. Delete this section of the UMC and see 10.25.5 NMAC.

(3) Section 517.7.4 Listing/class. Delete this section of the UMC and see 10.25.5 NMAC.

(4) Section 517.7.5 Fixed-water pipe system. Delete this section of the UMC and see 10.25.5.

(5) Section 517.7.6 Fuel storage. Delete this section of the UMC and see 14.7.2 and 10.25.5 NMAC.

L. Section 518.0 Downdraft Appliances. See this section of the UMC except as provided below.

(1) Section 518.1 General. See this section of the UMC except delete subsection (8) and replace with the following: Fire-extinguishing equipment shall be in accordance with 10.25.5 NMAC.

(2) Section 518.3 Fire-extinguishing equipment. Delete this section of the UMC and see 10.25.5 NMAC.

(a) Section 518.3.1 Integral fire-extinguishing system. See this section of the UMC and 10.25.5 NMAC.

(b) Section 518.3.2 Interlocks. See this section of the UMC.
[14.9.2.13 NMAC - Rp, 14.9.2.13 NMAC, XX/XX/XXXX]

14.9.2.14 CHAPTER 6 DUCT SYSTEMS: See this chapter of the UMC except as provided below.

A. Section 602.7 Corridors. See this section of the UMC except delete the last sentence of this section.

B. Section 603.1.6 Earthquake Loads. Delete this section of the UMC and substitute with the following: Ducts located in structures that are installed in areas classified as seismic design categories shall be restrained to resist displacement due to earthquake motion and in accordance with 14.7.2 NMAC. **Exception:** Residential occupancies.

C. Section 603.4 Flexible Air Ducts. See this section of the UMC except delete subsection (5) and substitute with the following. Support material shall be rigid or in accordance with manufacturer's installation instructions. Rigid supports shall be not less than 1-1/2 inches (38mm) wide at point of contact with the duct surface. Where rigid support may cause damage to flexible duct due to change of direction, a saddle shall be installed.

D. Section 603.9.2 Duct Leakage Tests. See 14.7.9 NMAC and this section of the UMC except delete the first sentence and substitute with the following: Ductwork for commercial and industrial buildings shall be leak-tested in accordance with the SMACNA HVAC Air Duct Leakage Test Manual. Add the following to the end of the section: **Exception:** Duct leakage tests for residential buildings shall be in accordance with 14.7.6 NMAC.

E. Section 603.11 Underground Installation. See this section of the UMC and add the following to the last sentence, "and be installed so as to support the weight of the concrete during encasement."

F. Section 605.0 Insulation of Ducts. See this section of the UMC except as provided below. **Section 605.1 General.** See this section of the UMC except add this sentence to the beginning of the section: Supply and return ducts shall have an R-value in accordance with 14.7.6 or 14.7.9 NMAC. All other air ducts shall be insulated in accordance with this section.

G. Section 606.6 Periodic Testing and Inspection. Delete this section of the UMC and see 10.25.5 NMAC.

H. 609.0 Automatic Shutoffs. See this section of the UMC except as provided below. **Section 609.1 Air-moving systems and smoke detectors.** See this section of the UMC and add the following to the exceptions: (6) automatic shutoffs are not required on evaporative coolers or make up air units that derive all their air from outside the building.

[14.9.2.14 NMAC - Rp, 14.9.2.14 NMAC, XX/XX/XXXX]

14.9.2.15 CHAPTER 7 COMBUSTION AIR: See this chapter of the UMC except as provided below.

A. Section 701.6 Outdoor Combustion Air. See this section of the UMC except as provided below.

B. Section 701.6.1 Two Permanent Openings Method. See this section of the UMC except add the following to the beginning of the section: Two permanent openings are required for LP gas fuel-burning appliances. Natural gas fuel-burning appliances are permitted to utilize this method.

C. Section 701.6.2 One Permanent Opening Method. See this section of the UMC except add the following to the beginning of the section: One permanent opening shall not be permitted for LP gas fuel-burning appliances. Natural gas fuel-burning appliances are permitted to utilize this method.

[14.9.2.15 NMAC - Rp, 14.9.2.15 NMAC, XX/XX/XXXX]

14.9.2.16 CHAPTER 8 CHIMNEYS AND VENTS: See this chapter of the UMC except as provided below.

A. Section 803.1 Additional Requirements to Single Appliance Vent. See this section of the UMC except as provided below. **Section 803.1.10 Chimney and vent locations.** See this section of the UMC except delete the following language: Where vents extend outdoors above the roof more than 5 feet (1524mm) higher than required by table 802.6.1, and where vents terminate in accordance with section 802.6.1 (1)(b), the outdoor portion of the vent shall be enclosed as required by this paragraph for vents not considered to be exposed to the outdoors or such venting shall be engineered.

B. Section 803.2 Additional Requirements to Multiple-Appliance Vent. See this section of the UMC except as provided below. **Section 803.2.20 Chimneys and vents.** See this section of the UMC except delete the following language: Where vents extend outdoors above the roof more than 5 feet (1524mm) higher than required by Table 802.6.1, and where vents terminate in accordance with Section 802.6.1 (1)(b), the outdoor portion of the vent shall be enclosed as required by this paragraph for vents not considered to be exposed to the outdoors or such venting shall be engineered.

[14.9.2.16 NMAC - Rp, 14.9.2.16 NMAC, XX/XX/XXXX]

14.9.2.17 CHAPTER 9 INSTALLATION OF SPECIFIC APPLIANCES: See this chapter of the UMC except as provided below.

A. Section 903.2 Gas-Fired Air Conditioners and Heat Pumps. See this section of the UMC except as provided below. **Section 903.2.7 Switches in Electrical Supply Line.** Delete this section of the UMC and see 14.10.4 NMAC.

B. Section 907.0 Wall Furnaces. See this section of the UMC except as provided below. **Section 907.3 Location.** See this section of the UMC except add the following to the end of the section: Unlisted wall

furnaces shall be installed with clearances to combustible material of not less than eighteen (18) inches (460 mm).

C. Section 908.0 Clothes Dryers. See this section of the UMC except as provided below. **Section 908.2 Electric Clothes Dryers.** Delete this section of the UMC and see 14.10.4 NMAC.

D. Section 911.0 Decorative Appliances for Installation in Vented Appliances. See this section of the UMC except as provided below. **Section 911.3.2 In manufactured homes.** Delete this section of the UMC and see 14.12.5 NMAC.

E. Section 915.0 Room Heaters. See this section of the UMC except as provided below. **Section 915.2 Electric room heaters.** Delete this section of the UMC and see 14.10.4 NMAC.

F. Section 919.0 Household Cooking Appliances. See this section of the UMC except as provided below. **Section 919.2 Electric household cooking appliances.** Delete this section of the UMC and see 14.10.4 NMAC.

G. Section 920.0 Cooking Appliance Listings. See this section of the UMC except as provided below. **Section 920.1 Commercial electric ranges.** Delete this section of the UMC and see 14.10.4 NMAC.

H. Section 925.0 Infrared Heaters. See this section of the UMC except as provided below. **Section 925.6 Electric radiant heaters.** Delete this section of the UMC and see 14.10.4 NMAC.

I. Section 929.0 Appliances for Installation in Manufactured Housing. Delete this section of the UMC and see 14.12.5 NMAC.

J. Section 930.0 Small Ceramic Kilns. See this section of the UMC except as provided below. **Section 930.4 Electrical equipment.** Delete this section of the UMC and see 14.10.4 NMAC.

K. Section 932.0 Evaporative Cooling Systems. See this section of the UMC except as provided below. **Section 932.1 General.** See this section of the UMC except add the following to the end. Fire, Fire/smoke, smoke dampers installed in an evaporative cooling system shall be listed for such use.

L. Section 937.0 Compressed Natural Gas (CNG) Vehicular Fuel Systems. Delete this section without substitution.

M. Section 939.1 Electric Sauna Heaters. Delete this section of the UMC and see 14.10.4 NMAC. [14.9.2.17 NMAC - Rp, 14.9.2.17 NMAC, XX/XX/XXXX]

14.9.2.18 CHAPTER 10 BOILERS AND PRESSURE VESSELS: See this chapter of the UMC except as provided below.

A. Section 1013.0 Inspections and Tests. See this section of the UMC except as provided below.

(1) **Section 1013.1 General.** See this section of the UMC.

(2) **Section 1013.2 Operating permit.** Delete this section of the UMC and see 14.9.4 NMAC.

(3) **Section 1013.3 Maintenance inspection.** Delete this section of the UMC and see 14.9.4 NMAC.

(4) **Section 1013.4 Power and miniature boilers.** Delete this section of the UMC and see 14.9.4 NMAC.

(5) **Section 1013.5 Steam-heating and water-heating boilers.** Delete this section of the UMC and see 14.9.4 NMAC.

(6) **Section 1013.6 Automatic steam-heating boilers.** Delete this section of the UMC and see 14.9.4 NMAC.

(7) **Section 1013.7 Unfired pressure vessels.** Delete this section of the UMC and see 14.9.4 NMAC.

B. Section 1014.0 Operation and Maintenance of Boilers and Pressure Vessels. Delete this section of the UMC and see 14.9.4 NMAC.

[14.9.2.18 NMAC - Rp, 14.9.2.18 NMAC, XX/XX/XXXX]

14.9.2.19 CHAPTER 11 REFRIGERATION: See this chapter of the UMC except as provided below.

Section 1124.0 Electrical. Delete this section of the UMC and see 14.10.4 NMAC.

[14.9.2.19 NMAC - Rp, 14.9.2.19 NMAC, XX/XX/XXXX]

14.9.2.20 CHAPTER 12 HYDRONICS: See this chapter of the UMC except as provided below.

A. Section 1201.2 Insulation. See this section of the UMC. For insulation value requirements on hydronic piping see 14.7.6 or 14.7.9 NMAC.

B. Section 1205.2 Pressure testing. See this section of the UMC except delete the first sentence and substitute with the following: System piping shall be tested with a hydrostatic pressure or an air test of not less than

1.5 times operating pressure.

C. Section 1217.8.2 Insulation. Delete this section of the UMC and see 14.7.6 or 14.7.9 NMAC.

D. Section 1217.11.1 Electric Heating Panel Systems. Delete this section of the UMC and see 14.10.4 NMAC.

E. Section 1217.11.2.1 Insulation. Delete this section of the UMC and see 14.7.6 or 14.7.9 NMAC.

F. Section 1220.4.7 Insulation. Delete this section of the UMC and see 14.7.6 or 14.7.9 NMAC. [14.9.2.20 NMAC - Rp, 14.9.2.20 NMAC, XX/XX/XXXX]

14.9.2.21 CHAPTER 13 FUEL GAS PIPING: See this chapter of the UMC except as provided below.

A. Section 1304.2 Gas Supplier. Delete this section of the UMC and substitute with the following: A copy of certificate of such final piping inspection may be provided to the serving gas supplier supplying gas to the premises.

B. Section 1308.4.2.3 Copper and Copper Alloy Pipe. Delete this section and substitute with the following: Copper and copper alloy pipe shall not be used on natural gas piping systems. Copper and copper alloy piping systems used in accordance with 19.15.40 NMAC shall be labeled "LP GAS PIPING SYSTEM" on yellow background with black lettering and shall be no less than ½" high lettering and shall be affixed at intervals of 5ft.

C. Section 1308.4.3.3 Copper and Copper Alloy Tubing. Delete this section and substitute with the following: Copper and copper alloy pipe shall not be used on natural gas piping systems. Copper and copper alloy piping systems used in accordance with 19.15.40 NMAC shall be labeled "LP GAS PIPING SYSTEM" on yellow background with black lettering and shall be no less than ½" high lettering and shall be affixed at intervals of 5ft.

D. Section 1308.5 Gas Meters. See this section of the UMC except as provided below. **Section 1308.5.2 Supports.** See this section of the UMC except delete the following sentence: Where flexible connectors are used to connect a gas meter to downstream piping at mobile homes in mobile home parks, the meter shall be supported by a post or bracket placed in a firm footing or by other means providing equivalent support.

E. Section 1308.14 Pressure Regulator and Pressure Control Venting. See this section of the UMC except delete subsection (5) and substitute with the following. Vents shall terminate not less than 3 feet (914 mm) from a possible source of ignition, make up air intake, or building intake.

F. Section 1310.11.2 Emergency Shutoff Valves. See this section of the UMC except delete the following: "The emergency shutoff valves shall be plainly marked as such and their locations posted as required by the authority having jurisdiction.", and replace with the following to the end of the section: For purposes of isolation and safety, an additional approved gas shut off valve shall be installed downstream of the serving supplier gas meter prior to any distribution of gas into the gas piping system.

G. Section 1311.0 Electrical Bonding and Grounding. Delete this section of the UMC and see 14.10.4 NMAC.

H. Section 1312.0 Appliance and Equipment Connections to Building Piping. See this section of the UMC except as provided below.

(1) Section 1312.1 Connecting appliances and equipment. See this section of the UMC except delete subsection (4) and substitute with the following: A connector for outdoor gas appliances in accordance with ANSI Z21.75/CSA 6.27. Only one connector shall be used per appliance.

(2) Section 1312.11 Liquefied petroleum gas facilities and piping. Delete this section of the UMC and substitute the following: Liquefied petroleum gas facilities shall comply with Sections 70-5-1 through 70-5-23 NMSA 1978, the LPG and CNG Act and 19.15.40 NMAC liquefied petroleum gas standards.

I. Section 1313.3 Test pressure. See this section of the UMC except add the following exception to the end of the section. **Exception:** An existing gas piping system may be tested at a test pressure of no less than 3psi with a 5psi incremental gauge and shall be held for a length of time satisfactory to the AHJ, but in no case less than 15 minutes with no perceptible drop in pressure.

[14.9.2.21 NMAC - Rp, 14.9.2.21 NMAC, XX/XX/XXXX]

14.9.2.22 CHAPTER 14 PROCESS PIPING: See this chapter of the UMC.

[14.9.2.22 NMAC - Rp, 14.9.2.22 NMAC, XX/XX/XXXX]

14.9.2.23 CHAPTER 15 SOLAR SYSTEMS: Delete this chapter of the UMC.

[14.9.2.23 NMAC - Rp, 14.9.2.23 NMAC, XX/XX/XXXX]

14.9.2.24 CHAPTER 16 STATIONARY POWER PLANTS: Delete this chapter of the UMC.

[14.9.2.24 NMAC - Rp, 14.9.2.24 NMAC, XX/XX/XXXX]

14.9.2.25 [RESERVED]

14.9.2.26 [RESERVED]

14.9.2.27 CHAPTER 17 GEOTHERMAL ENERGY SYSTEMS AND AMBIENT TEMPERATURE

LOOPS: See this chapter of the UMC.

[14.9.2.27 NMAC - Rp, 14.9.2.27 NMAC, XX/XX/XXXX]

14.9.2.28 CHAPTER 18 REFERENCED STANDARDS: See this chapter of the UMC.

[14.9.2.28 NMAC - Rp, 14.9.2.28 NMAC, XX/XX/XXXX]

14.9.2.29 APPENDICES: See this section of the UMC except as provided below.

A. **Appendix A. Residential Plans Examiner Review Form for HVAC System Design.** Delete this appendix from the UMC and see 14.7.6 NMAC.

B. **Appendix D. Fuel Supply: Manufactured/Mobile Home Parks and Recreational Vehicle Parks.** See this appendix except as provided below.

(1) **Section D101.2 Gas supply connections.** See this section of the UMC except delete the last sentence of the section and substitute with the following: For the installation of liquefied petroleum gas (LP-gas) storage systems, see 19.15.40 NMAC.

(2) **Section D101.3 Location of gas supply connection.** Delete this section of the UMC and see 14.12.5 NMAC.

(3) **Section D106.0 Manufactured home community LP-gas supply systems.** See this section of the UMC except as provided below. **Section D106.1 General.** See this section of the UMC except delete the last sentence and substitute with the following: Other types of liquefied petroleum gas supply systems and the storage and handling of LP-gas shall be in accordance with 19.15.40 NMAC.

(4) **Section D108.2 Pressure.** Delete this section of the UPC and see 14.12.5 NMAC.

(5) **Section D111.0 Liquefied petroleum gas appliances.** Delete this section of the UMC and see 19.15.40 NMAC.

(6) **Section D113.0 Fuel supply systems installation.** Delete this section of the UMC and see 14.12.5 NMAC.

(7) **Section D114.0 Manufactured home accessory building fuel supply systems.** See this section of the UMC except as provided below. **Section D114.1 General.** Delete this section of the UMC and substitute with the following: Fuel gas supply systems installed in a manufactured home accessory building or structure shall comply with 14.8.2 or 14.9.2 NMAC.

[14.9.2.29 NMAC – N, 14.9.2.29 NMAC XX/XX/XXXX]

HISTORY OF 14.9.2 NMAC:

Pre-NMAC History: The material in this part was derived from that previously filed with state records center and archives under:

CIC MB 68-2, 1964 New Mexico Plumbing Code, filed 1/23/1968.

CIC MB 70-8, 1970 Plumbing Code of New Mexico, filed 4/29/1970.

CIC MB 71-4, 1970 Plumbing Code of New Mexico, filed 6/8/1971.

CIC MB 74-9, 1973 Uniform Plumbing Code, filed 11/20/1974.

CIC 76-1, 1976 Uniform Plumbing Code, filed 5/4/1976.

CIC MB 80-5, 1979 Uniform Plumbing Code, filed 4/24/1980.

MB-UPC-82-1, 1982 Uniform Plumbing Code, filed 11/4/1982.

MB-UPC-85-1, 1985 Uniform Plumbing Code, filed 10/11/1985.

MB-UPC-88-1, 1988 Uniform Plumbing Code, filed 12/15/1988.

MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/1992.

CIC MB 68-3, 1966 New Mexico Gas Code, filed 1/23/1968.

CIC MB 70-7, 1970 Natural Gas Code of New Mexico, filed 4/29/1970.

CIC MB 71-3, 1970 Natural Gas Code of New Mexico, filed 6/8/1971.

CIC-74-8, 1973 Uniform Mechanical Code, filed 11/20/1974.

CIC 76-4, 1976 Uniform Mechanical Code, filed 11/24/1976.

CID MB 80-3, 1979 Uniform Mechanical Code, filed 4/23/1980.

MB-UMC-82-1, 1982 Uniform Mechanical Code, filed 11/4/1982.
MB-UMC-85-1, 1985 Uniform Mechanical Code, filed 10/1/1985.
MB-UMC-88-1, 1988 Uniform Mechanical Code, filed 12/15/1988.
MB-UMC-91-1, 1991 Uniform Mechanical Code, filed 7/28/1992.
CIC 77-3, 1976 New Mexico Uniform Solar Energy Code, 2/26/1977.
CID MB-80-6, 1979 Uniform Solar Energy Code, 4/24/1980.
MB-USEC-82-1, 1982 Uniform Solar Energy Code, filed 11/4/1982.
MB-USEC-85-1, 1985 Uniform Solar Energy Code, 12/23/1985.
MB-USEC-88-1, 1988 Uniform Solar Energy Code, 12/15/1988.
MB-USEC-91-1, 1991 Uniform Solar Energy Code, 7/28/1992.
CIC-75-1, 1973 Uniform Swimming Pool Code, Section 1.7, 10/31/1975.
CIC-76-3, 1976 Uniform Swimming Pool Code, 7/27/1976.
CIC MB 80-4, 1979 Uniform Swimming Pool Code, filed 4/23/1980.
MB-USPC-82-1, 1982 Uniform Swimming Pool Code, 11/4/1982.
MB-USPS and HTC-85-1, 1985 Uniform Swimming Pool, Spa and Hot Tub Code, 12/23/1985.
MB-USPS and HTC-88-1; 1988 Uniform Swimming Pool, Spa and Hot Tub Code, 12/15/1988.
MB-USPS and HTC-91-1, 1991 Uniform Swimming Pool, Spa and Hot Tub Code, 7/28/1992.
CID-MB-NMP&M 91-1, 1991 New Mexico Plumbing and Mechanical Code, 7/7/1992.

History of Repealed Material: 14 NMAC 9.2, 1997 New Mexico Plumbing and Mechanical Code (filed 10/30/1998), repealed 7/1/2004.

14.9.2 NMAC, 2003 New Mexico Mechanical Code (filed 5/27/2004), repealed 1/7/2004.
14.9.2 NMAC, 2006 New Mexico Mechanical Code (filed 08/16/2007), repealed 1/28/2011.
14.9.2 NMAC, 2006 New Mexico Mechanical Code (filed 12/28/2010), repealed 8/1/2011
14.9.2 NMAC, 2009 New Mexico Mechanical Code (filed 06/15/2011), repealed 6/28/2013.
14.9.2 NMAC, 2009 New Mexico Mechanical Code (filed 05/29/2013), repealed 5/01/2015.
14.9.2 NMAC, 2012 New Mexico Mechanical Code (filed 03/31/2015), repealed 05/15/2018.

Other History:

CID-MB-NMP&M 91-1, 1991 New Mexico Plumbing and Mechanical Code, (filed 7/7/1992), replaced by 14 NMAC 9.2, 1997 New Mexico Plumbing and Mechanical Code, effective 12/31/1998.
14 NMAC 9.2, 1997 New Mexico Plumbing and Mechanical Code (filed 10/30/1998) (that applicable portion) replaced by 14.9.2 NMAC, 2003 New Mexico Mechanical Code, effective 7/1/2004.
14.9.2 NMAC, 2003 New Mexico Mechanical Code (filed 5/27/2004) replaced by 14.9.2 NMAC, 2006 New Mexico Mechanical Code, effective 1/1/2008.
14.9.2 NMAC, 2006 New Mexico Mechanical Code (filed 08/16/2007) replaced by 14.9.2 NMAC, 2009 New Mexico Mechanical Code, effective 1/28/2011.
14.9.2 NMAC, 2009 New Mexico Mechanical Code (filed 12/28/2010) replaced by 14.9.2 NMAC, 2009 New Mexico Mechanical Code, effective 8/1/2011.
14.9.2 NMAC, 2009 New Mexico Mechanical Code (filed 06/15/2011) replaced by 14.9.2 NMAC, 2009 New Mexico Mechanical Code, effective 6/28/2013.
14.9.2 NMAC, 2009 New Mexico Mechanical Code (filed 05/29/2013) replaced by 14.9.2 NMAC, 2012 New Mexico Mechanical Code, effective 05/01/2015.
14.9.2 NMAC, 2012 New Mexico Mechanical Code (filed 03/31/2015) replaced by 14.9.2 NMAC, 2015 New Mexico Mechanical Code, effective 05/15/2018.