

This is an amendment to 14.9.2 NMAC, amending part name and Sections 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 16, 20, 21 and 28, effective March 10, 2022

PART 2 **[2015] 2021 NEW MEXICO MECHANICAL CODE**

14.9.2.3 **STATUTORY AUTHORITY:** Sections 60-13-9, ~~and~~ 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, 05/15/2018; A, 3/10/2022]

14.9.2.5 **EFFECTIVE DATE:** May 15, 2018, 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 September 10, 2022, permits may be issued under either the previously adopted rule, or this rule. After September 10, 2022, permits may be issued only under this rule.
[14.9.2.5 NMAC - Rp, 14.9.2.5 NMAC, 05/15/2018; A, 3/10/2022]

14.9.2.7 **DEFINITIONS:** See 14.5.1 NMAC, General Provisions and Chapter 2 of the ~~[2015] 2021~~ Uniform Mechanical Code (UMC) as amended in 14.9.2.10 NMAC.
[14.9.2.7 NMAC - Rp, 14.9.2.7 NMAC, 05/15/2018; A, 3/10/2022]

14.9.2.8 **ADOPTION OF THE [2015] 2021 UNIFORM MECHANICAL CODE:**
A. This rule adopts by reference the ~~[2015] 2021~~ UMC, as amended by this rule.
B. In this rule, each provision is numbered to correspond with the numbering of the ~~[2015] 2021~~ 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, 05/15/2018; A, 3/10/2022]

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

- A. 101.0 General.**
(1) **101.1 Title** Delete this section of the UMC and substitute: This code shall be known as 14.9.2 NMAC, the ~~[2015] 2021~~ New Mexico Mechanical Code (NMMC).
(2) **101.2 Scope.** Delete this section of the UMC and see 14.9.2.2 NMAC.
(3) **101.3 Purpose.** Delete this section of the UMC and see 14.9.2.6 NMAC.
B. 102.0 Applicability. See this section of the UMC except as provided below. **102.1 Conflicts between codes.** Delete this section of the UMC and see ~~[4.5.1 NMAC]~~ Subsection H of Section 60-13-44 NMSA 1978 and 14.5.1.9 NMAC.
C. 103.0 Duties and powers of the authority having jurisdiction.
(1) **103.1 General.** Delete this section of the UMC and see Construction Industries Licensing Act (CILA).
(2) **103.2 Liability.** Delete this section of the UMC and see CILA Section ~~[60-13-26]~~ 60-13-26 NMSA 1978.
(3) **103.3 Applications and permits.** Delete this section of the UMC and see 14.5.2 NMAC.
(4) **103.4 Right of entry.** Delete this section of the UMC and see CILA Section ~~[60-13-42]~~ 60-13-42 NMSA 1978.
D. 104.0 Permits. See this section of the ~~[UPC]~~ UMC except as provided below.
(1) **104.1 Permits required.** Delete this section of the UMC and see 14.5.2 NMAC.
(2) **104.2 Exempt work.** See CILA Section 60-13-45 B NMSA 1978 and this section of the UMC.
(3) **104.3 Application of permit.** Delete this section of the UMC and see 14.5.2 NMAC.
(4) **104.4 Permit issuance.** Delete this section of the UMC and see 14.5.2 NMAC.
(5) **104.5 Fees.** Delete this section of the UMC and see 14.5.5 NMAC.
E. 105.0 Inspections and testing. Delete this section of the UMC and see 14.5.3 NMAC.
F. 106.0 Violations and penalties. Delete this section of the UMC and see CILA ~~[Section 60-13-1~~

~~to 59]~~ Sections 60-13-1 through 60-13-59 NMSA 1978, and 14.5.3 NMAC.

G. 107.0 Board of appeals. Delete this section of the UMC and see [14.5.4] 14.5.1.13 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, 05/15/2018; A, 3/10/2022]

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

A. 203.0 Authority having jurisdiction. Delete the text of this definition and substitute: The authority having jurisdiction is the CID and the mechanical-plumbing trade bureau chief ~~[of the mechanical and plumbing bureau of CID]~~ for adoption, enactment, interpretation and enforcement of the state adopted mechanical code as the minimum requirement in the state.

B. 214.0 Listed (Third Party Certified). See this definition in the ~~[UPC]~~ UMC and add the following provision at the end of the definition: A manufacturer may select the 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.

C. 217.0 Occupiable Space. Delete this section and see 14.7.2 NMAC and 14.7.3 NMAC. [14.9.2.10 NMAC - Rp, 14.9.2.10 NMAC, 05/15/2018; A, 3/10/2022]

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

A. 304.3 Access to equipment and appliances on roofs. 304.3.1 Access. See this section of the UMC except after the words “in height” add the following: except those designated as R-3 occupancies.

B. 305.1 Installation in garages. At the end of the last sentence delete the following text: “unless listed as a flammable vapor ignition resistant.

C. 305.5 Drainage Pan. See this section of the UMC except after each term “water heater” add the following: or hot-water-heating boiler.

~~[C]~~ **D. 311.0 Heating and cooling air system.** See this section of the UMC except as follows: **311.3 Prohibited source.** See this section of the UMC except delete the text of subsection (5) and replace with the following: a closet, bathroom, laundry room, toilet room, kitchen; or where it will pick up objectionable odors, fumes, or flammable vapors.

~~[D]~~ **E. 314.0 Balancing.** Delete this section of the UMC and insert: Heating, ventilating, and air-conditioning systems (including hydronic systems) shall be balanced in accordance with the standards pursuant to UMC chapter 17.

[14.9.2.11 NMAC - Rp, 14.9.2.11 NMAC, 05/15/2018; A, 3/10/2022]

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

A. 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.

B. 405.4 Kitchen Exhaust. See this section of the UMC except after the words “directly to the outdoors” add the following: unless listed for recirculation.

[14.9.2.12 NMAC - Rp, 14.9.2.12 NMAC, 05/15/2018; A, 3/10/2022]

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

511.3 Makeup [air] Air. See this section of the UMC except add the following: 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 shut-down if air-flow is interrupted.

[14.9.2.13 NMAC - Rp, 14.9.2.13 NMAC, 05/15/2018; A, 3/10/2022]

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

A. ~~[603.12]~~ 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.”

B. ~~[608.0]~~ 609.0 Automatic shutoffs. ~~[608.1]~~ 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 that derive all of their air from outside the building.

[14.9.2.14 NMAC - Rp, 14.9.2.14 NMAC, 05/15/2018; A, 3/10/2022]

14.9.2.16 CHAPTER 8 CHIMNEYS AND ~~[VENT LOCATIONS]~~ VENTS: See this chapter of the UMC except as provided below. **803.1.10 Chimney and ~~[vent locations]~~ 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 ~~[802.6.2]~~ 802.6.1, and where vents terminate in accordance with Section ~~[802.6.2(1)]~~ 802.6.1 (1)(b), the outdoor portion of the vent shall be enclosed as required by this section 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, 05/15/2018; A, 3/10/2022]

14.9.2.20 CHAPTER 12 HYDRONICS: See this chapter of the UMC except as provided below. **1205.2 Pressure testing.** See this section of the UMC except delete the first sentence and substitute: system piping shall be tested with a hydrostatic pressure or an air test of not less than 1.5 times operating pressure.

[14.9.2.20 NMAC - Rp, 14.9.2.20 NMAC, 05/15/2018; A, 3/10/2022]

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

A. 1308.5.2.2 Copper and copper alloy pipe. Delete this section and substitute with the following: Copper and copper alloy pipe shall not be used. Aluminum alloy pipe shall not be used with gases corrosive to such material.

~~**B. 1308.5.3.2 Copper and copper alloy.** Delete this section and substitute with the following: Copper and copper alloy pipe shall not be used. Aluminum alloy pipe shall not be used with gases corrosive to such material.~~

~~**C. B. [1311.11.2] 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. [See this section of the UMC except add] Add the following to the end: 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~~

~~**D. C. [1312.0] 1311.0 Electrical bonding and grounding.** Delete this section of the UMC and see [14.10.4] subsection G of 14.10.4.11 NMAC.~~

~~**E. D. [1313.9] 1312.11 Liquefied petroleum gas facilities and piping.** Delete this section of the [UPC] UMC and substitute the following: Liquefied petroleum gas facilities shall comply with [19.15.40 NMAC, liquefied petroleum gas standards, and] Sections 70-5-1 [to 23] through 70-5-23 NMSA 1978, [liquefied and compressed gasses] the LPG and CNG Act and with 19.15.40 NMAC liquefied petroleum gas standards.~~

~~**F. E. [1314.3] 1313.3 Test pressure.** See this section of the UMC except add the following: Exception: An existing gas piping system may be tested at a test pressure equal to one and one-half times them operating pressure of the system, but in no case shall it be tested at less than 3 psi.~~

[14.9.2.21 NMAC - Rp, 14.9.2.21 NMAC, 05/15/2018; A, 3/10/2022]

14.9.2.28 [APPENDICES] APPENDICES: See this section of the UMC except delete appendix A and appendix B.

[14.9.2.28 NMAC - Rp, 14.9.2.28 NMAC, 05/15/2018; A, 3/10/2022]