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, 05/15/2018]

14.9.2.2 **SCOPE:** This rule applies to all contracting work performed in New Mexico on or after May 15, 2018, 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, 05/15/2018]

14.9.2.3 **STATUTORY AUTHORITY:** Sections 60-13-9 and 60-13-44 NMSA 1978.

[14.9.2.3 NMAC - Rp, 14.9.2.3 NMAC, 05/15/2018]

14.9.2.4 **DURATION:** Permanent.

[14.9.2.4 NMAC - Rp, 14.9.2.4 NMAC, 05/15/2018]

14.9.2.5 **EFFECTIVE DATE:** May 15, 2018, unless a later date is cited at the end of a section.

[14.9.2.5 NMAC - Rp, 14.9.2.5 NMAC, 05/15/2018]

14.9.2.6 **OBJECTIVE:** The purpose of this rule is to establish minimum standards for the installation, repair, and replacement of mechanical systems including equipment, appliances, fixtures, 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, 05/15/2018]

14.9.2.7 **DEFINITIONS:** See 14.5.1 NMAC, General Provisions and Chapter 2 of the 2015 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]

14.9.2.8 **ADOPTION OF THE 2015 UNIFORM MECHANICAL CODE:**

A. This rule adopts by reference the 2015 UMC, as amended by this rule.

B. In this rule, each provision is numbered to correspond with the numbering of the 2015 UMC.

[14.9.2.8 NMAC - Rp, 14.9.2.8 NMAC, 05/15/2018]

14.9.2.9 **CHAPTER 1 ADMINISTRATION:**

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 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.

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.

   (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.

D. **104.0 Permits.** See this section of the UPC 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 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.
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 bureau chief of the mechanical and plumbing bureau of CID.
B. 214.0 Listed. See this definition in the UPC 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.

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. 311.0 Heating and cooling air system. 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. 314.0 Balancing. Delete this section of the UMC.

14.9.2.12 CHAPTER 4 VENTILATION AIR: See this chapter of the UMC.

14.9.2.13 CHAPTER 5 EXHAUST SYSTEMS: See this chapter of the UMC except as provided below.
A. 511.3 Makeup 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.

14.9.2.14 CHAPTER 6 DUCT SYSTEMS: See this chapter of the UMC except as follows.
A. 603.12 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 Automatic shutoffs. 608.1 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.

14.9.2.15 CHAPTER 7 COMBUSTION AIR: See this chapter of the UMC.

14.9.2.16 CHAPTER 8 CHIMNEYS AND VENT LOCATIONS: See this chapter of the UMC except as provided below. 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 802.6.2, and where vents terminate in accordance with Section 802.6.2(1), 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]

14.9.2.17 CHAPTER 9 INSTALLATION OF SPECIFIC APPLIANCES: See this chapter of the UMC except as provided below. 907.2 Location. See this section of the UMC except add the following to the end: unlisted wall furnaces shall be installed with clearances to combustible material of not less than eighteen (18) inches (460 mm).
[14.9.2.17 NMAC - Rp, 14.9.2.17 NMAC, 05/15/2018]

14.9.2.18 CHAPTER 10 BOILERS AND PRESSURE VESSELS: See this chapter of the UMC.
[14.9.2.18 NMAC - Rp, 14.9.2.18 NMAC, 05/15/2018]

14.9.2.19 CHAPTER 11 REFRIGERATION: See this chapter of the UMC.
[14.9.2.19 NMAC - Rp, 14.9.2.19 NMAC, 05/15/2018]

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: 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]

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. 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. 1311.11.2 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 the following to the end: For purposes of isolation and safety, an additional gas shut off shall be installed downstream of the serving supplier gas meter prior to any distribution of gas into the gas piping system
D. 1312.0 Electrical bonding and grounding. Delete this section of the UMC and see 14.10.4 NMAC.
E. 1313.9 Liquefied petroleum gas facilities and piping. Delete this section of the UPC 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 NMSA 1978, liquefied and compressed gasses.
F. 1314.3 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]

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, 05/15/2018]

14.9.2.23 CHAPTER 15 SOLAR SYSTEMS: See this chapter of the UMC.
[14.9.2.23 NMAC - Rp, 14.9.2.23 NMAC, 05/15/2018]

14.9.2.24 CHAPTER 16 STATIONARY POWER PLANTS: See this chapter of the UMC.
[14.9.2.24 NMAC - Rp, 14.9.2.24 NMAC, 05/15/2018]

14.9.2.25 [RESERVED]

14.9.2.26 [RESERVED]

14.9.2.27 CHAPTER 17 REFERENCED STANDARDS: See this chapter of the UMC.
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 76-4, 1976 Uniform Mechanical Code, filed 11/24/76.
- CIC-75-1, 1973 Uniform Swimming Pool Code, Section 1.7, 10/31/75.
- CID-MB-NMP&M 91-1, 1991 New Mexico Plumbing and Mechanical Code, 7/7/92.


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: