

TITLE 14 HOUSING AND CONSTRUCTION
CHAPTER 8 PLUMBING CODES
PART 2 2021 NEW MEXICO PLUMBING CODE

14.8.2.1 ISSUING AGENCY: Construction Industries Division (CID) of the Regulation and Licensing Department.

[14.8.2.1 NMAC - Rp, 14.8.2.1 NMAC, 05/15/2018]

14.8.2.2 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.

[14.8.2.2 NMAC - Rp, 14.8.2.2 NMAC, 05/15/2018]

14.8.2.3 STATUTORY AUTHORITY: Section 60-13-9, 60-13-44, 60-13-45, 60-13-46 and 60-13-47 NMSA 1978.

[14.8.2.3 NMAC - Rp, 14.8.2.3 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.4 DURATION: Permanent.

[14.8.2.4 NMAC - Rp, 14.8.2.4 NMAC, 05/15/2018]

14.8.2.5 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.

[14.8.2.5 NMAC - Rp, 14.8.2.5 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.6 OBJECTIVE: The purpose of this rule is to establish minimum standards for all plumbing, as defined in CILA Section 60-12-32 NMSA 1978, in New Mexico.

[14.8.2.6 NMAC - Rp, 14.8.2.6 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.7 DEFINITIONS: See 14.5.1 NMAC, General Provisions and Chapter 2 of the 2021 Uniform Plumbing Code (UPC) as amended in 14.8.2.10 NMAC.

[14.8.2.7 NMAC - Rp, 14.8.2.7 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.8 ADOPTION OF THE 2021 UNIFORM PLUMBING CODE:

- A. This rule adopts by reference the 2021 UPC and all appendices, as amended by this rule.
- B. In this rule, each provision is numbered to corresponds with the numbering of the 2021 UPC.
- C. This rule shall apply in conjunction with the provisions of all applicable New Mexico construction codes, laws and standards.

[14.8.2.8 NMAC - Rp, 14.8.2.8 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.9 CHAPTER 1 ADMINISTRATION: See this chapter of the UPC except as provided below.

- A. **101.0 General.**
 - (1) **101.1 Title.** Delete this section of the UPC and substitute: This code shall be known as the New Mexico Plumbing Code (NMPC).
 - (2) **101.2 Scope.** Delete this section of the UPC and see 14.8.2.2 NMAC.
 - (3) **101.3 Purpose.** Delete this section of the UPC and see 14.8.2.6 NMAC.
 - (4) **101.4 Unconstitutional.** Delete this section of the UPC and see the Construction Industries Licensing Act (CILA) and its rules.
 - (5) **101.5 Validity.** Delete this section of the UPC and see CILA and its rules.
- B. **102.0 Applicability.** See this section of this chapter of the UPC except as provided below.
 - (1) **102.1 Conflicts between codes.** Delete this section of the UPC and see Subsection H of Section 60-13-44 NMSA 1978 and 14.5.1.9 NMAC.
 - (2) **102.2 Existing installations.** See Subsections C and H of Section 60-13-44 NMSA 1978 and 14.7.7 NMAC.

- 14.6.6 NMAC. (3) **102.3 Maintenance.** Delete this section of the UPC and see 14.5.2 NMAC and
- (4) **102.8 Appendices.** Delete this section of the UPC and see 14.8.2.27 NMAC.
- C. **103.0 Duties and powers of the authority having jurisdiction.**
- NMAC. (1) **103.1 General.** Delete this section of the UPC and see CILA and 14.8.2.10
- NMSA 1987. (2) **103.2 Liability.** Delete this section of the UPC and see CILA Section 60-13-26
- NMAC. (3) **103.3 Applications and permits.** Delete this section of the UPC and see 14.5.2
- 60-13-42 NMSA 1978. (4) **103.4 Right of entry.** Delete this section of the UPC and see CILA Section
- D. **104.0 Permits.**
- (1) **104.1 Permits required.** Delete this section of the UPC. See 14.5.2 NMAC.
- (2) **104.2 Exempt work.** See CILA Subsection B of Section 60-13-45 NMSA 1978, and this section of the UPC.
- (3) **104.3 Application for permit.** Delete this section of the UPC. See 14.5.2 NMAC.
- (4) **104.4 Permit issuance.** Delete this section of the UPC. See 14.5.2 NMAC.
- (5) **104.5 Fees.** Delete this section of the UPC and see 14.5.5 NMAC.
- E. **105.0 Inspections and testing.** Delete these sections and see 14.5.3 NMAC.
- F. **106.0 Violations and penalties.** Delete this section of the UPC and see CILA Section 60-13-1 through 60-13-59 NMSA 1978, 14.5.8 NMAC and 14.5.3 NMAC. [14.8.2.9 NMAC - Rp, 14.8.2.9 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.10 CHAPTER 2 DEFINITIONS: See this chapter of the UPC 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 for adoption, enactment, interpretation and enforcement of the state adopted plumbing code as the minimum requirement in the state.
- B. **214.0 Listing agency.** See this definition in the UPC and CILA Subsection B of Section 60-13-44 NMSA 1978. [14.8.2.10 NMAC - Rp, 14.8.2.10 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.11 CHAPTER 3 GENERAL REGULATIONS: See this chapter of the UPC except as provided below.

- A. **301.3 Alternate materials and methods of construction equivalency.** Delete this section of the UPC and see 14.5.1.9 and 14.5.1.11 NMAC.
- B. **301.5 Alternative engineered design.** See this section of the UPC except as provided below.
- (1) **301.5.1 Permit application.** Delete this section of the UPC and see 14.5.2 NMAC.
- NMAC. (2) **301.5.2 Technical data.** See this section of the UPC and Subsection H of 14.5.2.10
- (3) **301.5.3 Design documents.** See this section of the UPC and 14.5.2.10 NMAC.
- NMAC. (4) **301.5.4 Design approval.** Delete this section of the UPC and see 14.5.2.10
- (5) **301.5.5 Design review.** Delete this section of the UPC and see 14.5.2.10 NMAC.
- (6) **301.5.6 Inspection and testing.** Delete this section of the UPC and see 14.5.2 NMAC and 14.5.3 NMAC. [14.8.2.11 NMAC - Rp, 14.8.2.11 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.12 CHAPTER 4 PLUMBING FIXTURES AND FIXTURE FITTINGS: See this chapter of the UPC except as provided below.

- A. **403.0 Accessible plumbing facilities.** See this section of the UPC except as provided below.
- (1) **403.1 General.** Delete this section of the UPC and see Chapter 29, Plumbing Systems and 14.7.2.44 NMAC, Appendix E –Supplementary Accessibility Requirements.
- (2) **403.2 Fixtures and fixture fittings for persons with disabilities.** Delete this section of the UPC and see 14.7.2.44 NMAC, Appendix E, Supplementary Accessibility Requirements.
- B. **405.0 Prohibited fixtures.** See this section of the UPC except as follows: **405.3**

Miscellaneous fixtures. See this section of the UPC and add the following: “the authority having jurisdiction reserves the right to require the contractor to install water and drain lines to be used for installation of a flush-type toilet should the chemical-dry toilet fail.

C. 415.0 Drinking fountains. See this section of the UPC with the following exception noted below and see 14.7.2 NMAC. **415.2 Drinking fountain alternatives.** Delete this section of the UPC and see 14.7.2.44 NMAC.

D. 422.0 Minimum number of required fixtures. See this section of the UPC except as provided below.

(1) 422.1 Fixture count. Delete this section of the UPC and see 14.7.2.37 NMAC.

(2) 422.2 Separate facilities. Delete this section of the UPC.

(3) 422.3 Fixture requirements for special occupancies. Delete this section of the UPC and see 14.7.2 NMAC and 14.7.3 NMAC.

(4) 422.4 Toilet facilities serving employees and customers. Delete this section of the UPC and see Subsection I of 14.7.2.19 and 14.7.2.44 NMAC.

(5) 422.5 Toilet facilities for workers. Delete this section of the UPC and see Subsection I of 14.7.2.19 and 14.7.2.44 NMAC.

E. Table 422.1 Minimum plumbing facilities. Delete this table of the UPC and see 14.7.2.37 NMAC.

[14.8.2.12 NMAC - Rp, 14.8.2.12 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.13 CHAPTER 5 WATER HEATERS: See this chapter of the UPC except as provided below.

A. 501.0 General. 501.1 Applicability. See this section of the UPC except delete the following sentence: “The minimum capacity for water heaters shall be in accordance with the first hour rating listed in Table 501.1(2).”

B. 507.13 Installation in residential garages. At the end of the last sentence delete the following text: “unless listed as flammable vapor ignition resistant”.

C. 508.3 Appliances on roofs. 508.3.1 Access. See this section of the UPC except after the words “in height” add the following: “except those designated as R-3 occupancies.”

D. 510.2.20 Chimneys and vents. See this chapter of the UPC except delete the following language: “Where vents extend outdoors above the roof more than 5 feet (1524mm) higher than required by Table 509.6.1, and where vents terminate in accordance with Section 509.6.1(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.”

[14.8.2.13 NMAC - Rp, 14.8.2.13 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.14 [RESERVED]

14.8.2.15 CHAPTER 6 WATER SUPPLY AND DISTRIBUTION: See this chapter of the UPC except as follows: **612.0 Residential fire sprinkler systems.** See **612.1, Where Required**, and additionally reference 60-13-6 NMSA 1978, for residential sprinkler systems in one and two-family dwellings or townhouses. [14.8.2.15 NMAC - Rp, 14.8.2.15 NMAC, 05/15/2018 ; A, 3/10/2022]

14.8.2.16 CHAPTER 7 SANITARY DRAINAGE PART I - DRAINAGE SYSTEMS: See this chapter of the UPC except as provided below.

A. 704.0 Fixture connections (drainage). 704.3 Commercial Sinks. Delete the text this section of the UPC and substitute with the following: pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware washing machines, and other similar fixtures shall not be connected directly to the drainage system. Such equipment or fixtures shall be drained by means of indirect waste pipes, as defined in chapter 2 of the UPC, and all wastes drained by them shall discharge through an airgap into an open floor sink or other approved type receptor that is properly connected to the drainage system. Food waste disposal units shall be connected directly to the drainage system. A floor drain shall be provided adjacent to the disposal unit, and the disposal unit shall be connected on the sewer side of the floor drain trap, provided that no other drainage line is connected between the floor drain waste connection and the disposal unit drain. The floor drain shall be trapped and vented as required in this code.

B. 712.1 Media. See this section of the UPC except add the following text to the end: When testing during weather conditions that could result in damage to piping, adequate provisions shall be made to

protect such piping from freezing.

[14.8.2.16 NMAC - Rp, 14.8.2.16 NMAC, 05/15/2018; A 3/10/2022]

14.8.2.17 CHAPTER 7 SANITARY DRAINAGE PART II - BUILDING SEWERS: See this chapter of the UPC.

[14.8.2.17 NMAC - Rp, 14.8.2.17 NMAC, 05/15/2018]

14.8.2.18 CHAPTER 8 INDIRECT WASTES: See this chapter of the UPC.

[14.8.2.18 NMAC - Rp, 14.8.2.18 NMAC, 05/15/2018]

14.8.2.19 CHAPTER 9 VENTS: See this chapter of the UPC except as provided below. **906.1 Roof Termination.** See this section of the UPC except add the following to the end: "Exception: When approved by the authority having jurisdiction, a fixture or fixture branch may be permitted to be vented by the use of an approved Air Admittance Valve (AAV) in accordance with its listing when conventional venting termination methods are not available."

[14.8.2.19 NMAC - Rp, 14.8.2.19 NMAC, 05/15/2018]

14.8.2.20 CHAPTER 10 TRAPS AND INTERCEPTORS: See this chapter of the UPC.

[14.8.2.20 NMAC - Rp, 14.8.2.20 NMAC, 05/15/2018]

14.8.2.21 CHAPTER 11 STORM DRAINAGE: See this chapter of the UPC except as follows: **1101.6 Subsoil drains.** See this section of the UPC except after the words "Subsoil drains shall be provided" in the first sentence add the following text: "as required by the NMCBC, 14.7.2 NMAC".

[14.8.2.21 NMAC - Rp, 14.8.2.21 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.22 CHAPTER 12 FUEL PIPING: See this chapter of the UPC except as provided below.

A. 1208.6.3.2 Copper and copper alloy pipe. Delete this section of the UPC and substitute: Copper and brass pipe shall not be used. Threaded aluminum alloy pipe shall not be used with gases corrosive to such material.

B. 1208.6.10.5 Metallic pipe fittings (including valves, strainers, filters). See this section of the UPC except delete "[(4)] (3) fittings used with copper or copper alloy pipe shall be copper or copper alloy."

D. 1210.9.3 Emergency shutoff valves. See this section of the UPC 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 text: "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."

E. 1211.0 Electrical bonding and grounding. Delete this section of the UPC and see 14.10.4 NMAC the New Mexico electrical code (NMEC).

F. 1212.11 Liquefied petroleum gas facilities and piping. Delete this section of the UPC 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 with 19.15.40 NMAC, liquefied petroleum gas standards.

G. 1213.3 Test pressure. See this section of the UPC except add the following: Exception: An existing gas piping system may be tested at a test pressure equal to one and one-half times the operating pressure of the system, but in no case shall it be tested at less than 3 psi.

[14.8.2.22 NMAC - Rp, 14.8.2.22 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.23 CHAPTER 13 HEALTH CARE FACILITIES AND MEDICAL GAS AND VACUUM SYSTEMS PART I - SPECIAL REQUIREMENTS FOR HEALTH CARE FACILITIES: [RESERVED]

[14.8.2.23 NMAC - Rp, 14.8.2.23 NMAC, 05/15/2018]

14.8.2.24 CHAPTER 13 HEALTH CARE FACILITIES AND MEDICAL GAS AND VACUUM SYSTEMS PART II - MEDICAL GAS AND VACUUM SYSTEMS: See 14.9.5 NMAC and this chapter of the UPC.

[14.8.2.24 NMAC - Rp, 14.8.2.24 NMAC, 05/15/2018; A, 3/10/2022]

14.8.2.25 CHAPTER 14 FIRESTOP PROTECTION: See this chapter of the UPC.

[14.8.2.25 NMAC - Rp, 14.8.2.25 NMAC, 05/15/2018]

14.8.2.26 CHAPTER 15 ALTERNATE WATER SOURCES FOR NONPOTABLE

APPLICATIONS:—See this chapter of the UPC.

[14.8.2.26 NMAC - Rp, 14.8.2.26 NMAC, 05/15/2018]

14.8.2.27 CHAPTER 16 NONPOTABLE RAINWATER CATCHMENT SYSTEMS; See this chapter of the UPC.

[14.8.2.27 NMAC - Rp, 14.8.2.27 NMAC, 05/15/2018]

14.8.2.28 [RESERVED]

14.8.2.29 CHAPTER 17 REFERENCED STANDARDS: See this chapter of the UPC.

[14.8.2.29 NMAC - N, 05/15/2018; A, 3/10/2022]

14.8.2.30 APPENDICES: See this section of the UPC.

[14.8.2.30 NMAC - Rp, 14.8.2.29 NMAC, 05/15/2018]

HISTORY OF 14.8.2 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 10/1/1985.

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, 2/2/1977.

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 4/23/1880.

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.

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 New Mexico Plumbing Code, filed 6/8/1971.
CIC 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 10/1/1985.
MB-UPC-88-1, 1988 Uniform Plumbing Code, filed 12/15/1988.
MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/1992.

History of Repealed Material:

14.8.2 NMAC, 2003 New Mexico Plumbing Code (filed 5/27/2004) repealed 1/7/2004.
14.8.2 NMAC, 2006 New Mexico Plumbing Code (filed 8/16/2007) repealed 1/28/2011.
14.8.2 NMAC, 2009 New Mexico Plumbing Code (filed 12/28/2010) repealed 6/28/2013.
14.8.2 NMAC, 2009 New Mexico Plumbing Code (filed 5/29/2013) repealed 5/01/2015.
14.8.2.NMAC, 2012 New Mexico Plumbing Code (filed 3/31/2015) 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) and MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/1992 both replaced by 14.8.2 NMAC, 2003 New Mexico Plumbing Code, effective 7/1/2004.
14.8.2 NMAC, 2003 New Mexico Plumbing Code (filed 5/27/2004) replaced by 14.8.2 NMAC, 2006 New Mexico Plumbing Code, effective 1/1/2008.
14.8.2 NMAC, 2006 New Mexico Plumbing Code (filed 8/16/2007) replaced by 14.8.2 NMAC, 2009 New Mexico Plumbing Code, effective 1/28/2011.
14.8.2 NMAC, 2009 New Mexico Plumbing Code (filed 12/28/2010) replaced by 14.8.2 NMAC, 2009 New Mexico Plumbing Code, effective 6/28/2013.
14.8.2 NMAC, 2009 New Mexico Plumbing Code (filed 5/29/2013) replaced by 14.8.2 NMAC, 2012 New Mexico Plumbing Code, effective 5/01/2015.
14.8.2 NMAC, 2012 New Mexico Plumbing Code (filed 3/31/2015) replaced by 14.8.2 NMAC, 2015 New Mexico Plumbing Code, effective 05/15/2018.