

TITLE 14 HOUSING AND CONSTRUCTION
CHAPTER 8 PLUMBING CODES
PART 2 2006 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, 1-1-08]

14.8.2.2 SCOPE: This rule applies to all contracting work performed in New Mexico on or after January 1, 2008, 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, 1-1-08]

14.8.2.3 STATUTORY AUTHORITY: NMSA 1978 Section 60-13-9 and 60-13-44.
[14.8.2.3 NMAC - Rp, 14.8.2.3 NMAC, 1-1-08]

14.8.2.4 DURATION: Permanent.
[14.8.2.4 NMAC - Rp, 14.8.2.4 NMAC, 1-1-08]

14.8.2.5 EFFECTIVE DATE: January 1, 2008, unless a later date is cited at the end of a section.
[14.8.2.5 NMAC - Rp, 14.8.2.5 NMAC, 1-1-08]

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, in New Mexico.
[14.8.2.6 NMAC - Rp, 14.8.2.6 NMAC, 1-1-08]

14.8.2.7 DEFINITIONS:
[See 14.5.1 NMAC, General Provisions and chapter 2 of the 2006 uniform plumbing code (UPC) as amended in 14.8.2.10 NMAC.]
[14.8.2.7 NMAC - Rp, 14.8.2.7 NMAC, 1-1-08]

14.8.2.8 ADOPTION OF THE 2006 UNIFORM PLUMBING CODE:
A. This rule adopts by reference the 2006 uniform plumbing code and all appendices, as amended by this rule.
B. In this rule, the internal numbering of each provision corresponds with the numbering of the 2006 uniform plumbing code.
C. This rule is to be applied in conjunction with 14.7.6 NMAC, the 2006 New Mexico energy conservation code.
[14.8.2.8 NMAC - Rp, 14.8.2.8 NMAC, 1-1-08, A, 2-24-08]

14.8.2.9 CHAPTER 1 ADMINISTRATION:
A. 101.0 - Title, Scope and General.
(1) 101.1 Title. Delete this section of the UPC and substitute: This code shall be known as the 2006 New Mexico plumbing code (NMPC).
(2) 101.2 Purpose. Delete this section of the UPC and see 14.8.2.6 NMAC.
(3) 101.3 Plans Required. Delete this section of the UPC except as provided in 14.5.2 NMAC, Permits.
(4) 101.4 Scope.
(a) 101.4.1 Delete this section of the UPC and see 14.8.2.2 NMAC.
(i) 101.4.1.1 Repairs and Alterations. See this section of the UPC.
(ii) 101.4.1.2 Maintenance. Delete this section of the UPC.
(iii) 101.4.1.3 Existing Construction. Delete this section of the UPC.
(iv) 101.4.1.4 Conflicts between Codes. Delete this section of the UPC and see 14.5.1 General Provisions.
(b) 101.4.2 See this section of the UPC.

- (c) **101.4.3 Appendices.** Delete this section of the UPC except as provided in 14.8.2.27 NMAC, below.
- (5) **101.5 Application to Existing Plumbing System.** See this section of the UPC.
- B. 102.0 - Organization and Enforcement.**
- (1) **102.1 Authority Having Jurisdiction.** Delete this section of the UPC.
- (2) **102.2 Duties and Powers of the Authority Having Jurisdiction.**
- (a) **102.2.1 Appointments.** Delete this section of the UPC and see CILA Section 60-13-8 through 60-13-41 and NMSA 1978 Section 9-16-7.
- (b) **102.2.2 Right of Entry.** Delete this section of the UPC and see CILA Section 60-13-42.
- (c) **102.2.3 Stop Orders.** Delete this section of the UPC and see 14.5.2 NMAC, Permits.
- (d) **102.2.4 Authority to Disconnect Utilities in Emergencies.** Delete this section of the UPC and see CILA Section 60-13-42.
- (e) **102.2.5 Authority to Condemn.** Delete this section of the UPC and see 14.5.1 NMAC, General Provisions.
- (f) **102.2.6 Liability.** Delete this section of the UPC and see CILA Section 60-13-26.
- (3) **102.3 Violations and Penalties.** Delete this section of the UPC and see CILA Section 60-13-1 et seq., and 14.5.3, Inspections.
- C. 103.0 - Permits and Inspections.**
- (1) **103.1 Permits.** Delete this section of the UPC except as provided in 14.5.2 NMAC, Permits.
- (2) **103.2 Application for Permit.** Delete this section of the UPC except as provided in 14.5.2 NMAC, Permits.
- (3) **103.3 Permit Issuance.** Delete this section of the UPC except as provided in 14.5.2 NMAC, Permits
- (4) **103.4 Fees.** Delete this section of the UPC and see 14.5.5 NMAC, Fees.
- (5) **103.5 Inspections.** Delete this section except as provided in 14.5.3 NMAC, Inspections.
- (6) **103.6 Connection Approval.** Delete this section of the UPC and see 14.5.3 NMAC, Inspections.
- (7) **103.7 Unconstitutionality.** Delete this section of the UPC and see 14.5.1 NMAC, General Provisions.
- (8) **103.8 Validity.** Delete this section of the UPC and see 14.5.1 NMAC, General Provisions.
- (9) **Table 1.1 Plumbing Permit Fees.** Delete plumbing permit fees, table 1-1, from the UPC. [14.8.2.9 NMAC - Rp, 14.8.2.9 NMAC, 1-1-08]

- 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 construction industries division (CID) and the bureau chief of the mechanical and plumbing bureau of CID.
- B. 214.0 Listing agency.** See this definition in the UPC and section 60-13-44.B. of the CILA. [14.8.2.10 NMAC - Rp, 14.8.2.10 NMAC, 1-1-08]

- 14.8.2.11 CHAPTER 3 GENERAL REGULATIONS:** See this chapter of the UPC except as provided below.
- A. 301.2 Alternate materials and methods of construction equivalency.** Delete this section of the UPC and see 14.5.1 NMAC.
- B. 301.3 Flood hazard resistance.** See this section of the UPC.
- C. 301.4 Alternative engineered design.** See this section of the UPC except as provided below.
- (1) **301.4.1 Design criteria.** See this section of the UPC and 14.5.1 NMAC.
- (2) **301.4.2 Permit application.** Delete this section of the UPC and see 14.5.1 NMAC.
- (3) **301.4.3 Technical data.** See this section of the UPC.
- (4) **301.4.4 Design documents.** See this section of the UPC and 14.5.1 NMAC.
- (5) **301.4.5 Design approval.** Delete this section of the UPC and see 14.5.1 NMAC.
- (6) **301.4.6 Inspection and testing.** Delete this section of the UPC and see 14.5.2 and 14.5.3 NMAC.

D. 316. Protection of piping, materials and structures. See this section of the UPC except add the following to subsection 316.6: "all residential hot water piping, including circulating supply and return piping shall be insulated to a minimum R-2. All commercial hot water piping, including circulating supply and return piping shall be insulated to a minimum R-4. A means of manual shut off must be installed on all circulating pumps.

[14.8.2.11 NMAC - Rp, 14.8.2.11 NMAC, 1-1-08, A, 2-24-08]

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

A. 405.0 Prohibited fixtures.

(1) **405.1** See this section of the UPC.

(2) **405.2** See this section of the UPC.

(3) **405.3** 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.

B. 411.12.3 Solar-ready stub outs. Water piping stub outs, sufficient for the installation and operation of a solar water heating system, shall be installed in the building mechanical room or designated solar equipment location. Such stub outs shall not be less than three-quarter inch (3/4”) in diameter.

C. 412.0 Minimum number of required fixtures. See this section of the UPC except as provided below.

(1) **Section 412.1 Fixture count.** See this section of the UPC except delete the reference to “Table 4.1” and substitute: the 2006 New Mexico building code, Subsection B of 14.7.2.37 NMAC: Minimum Plumbing Facilities.

(2) **Section 412.2 Access to fixtures.** Delete this section of the UPC.

(3) **Section 412.3 Separate facilities.** Delete this section of the UPC.

(4) **Section 412.4. Fixture requirements for special occupancies.** See this section of the UPC except delete section 412.4.3.

(5) **Section 412.5 Facilities in mercantile and business occupancies serving customers.** Delete this section of the UPC.

(6) **Section 412.6 Food service establishments.** Delete this section of the UPC.

(7) **Section 412.7 Toilet facilities for workers.** Delete this section of the UPC.

D. Section 413.0 Fixtures and fixture fittings for persons with disabilities. Delete this section of the UPC.

E. Table A Occupant load factor. Delete this table of the UPC.

[14.8.2.12 NMAC - Rp, 14.8.2.12 NMAC, 1-1-08, A, 2-24-08]

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

A. Section 501.0 General. 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 5-1.”

B. Section 508.14 Installation in residential garages. See this section of the UPC except delete the words “unless listed as flammable vapor ignition resistant” at the end of the section.

C. Section 509.3 Access to equipment on roofs.

(1) **509.3.1** See this section of the UPC.

(2) **509.3.2** See this section of the UPC except after the words “in height” add the following: except those designated as R-3 occupancies.

(3) **509.3.3** See this section of the UPC.

[14.8.2.13 NMAC - Rp, 14.8.2.13 NMAC, 1-1-08]

14.8.2.14 CHAPTER 5 WATER HEATERS PART II - SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I APPLIANCES, AND APPLIANCES LISTED FOR USE WITH TYPE B VENTS: See this chapter of the UPC.

[14.8.2.14 NMAC - Rp, 14.8.2.14 NMAC, 1-1-08]

14.8.2.15 CHAPTER 6 WATER SUPPLY AND DISTRIBUTION: See this chapter of the UPC.

[14.8.2.15 NMAC - Rp, 14.8.2.15 NMAC, 1-1-08]

14.8.2.16 CHAPTER 7 SANITARY DRAINAGE PART I - DRAINAGE SYSTEMS: See this chapter of the UPC except delete the text of section 704.3 and substitute 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.

[14.8.2.16 NMAC - Rp, 14.8.2.16 NMAC, 1-1-08]

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, 1-1-08]

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, 1-1-08]

14.8.2.19 CHAPTER 9 VENTS: See this chapter of the UPC.

[14.8.2.19 NMAC - Rp, 14.8.2.19 NMAC, 1-1-08]

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, 1-1-08]

14.8.2.21 CHAPTER 11 STORM DRAINAGE: See this chapter of the UPC except after the words “Subsoil drains shall be provided” add the following: as required by the NMCBC, 14.7.2 NMAC.

[14.8.2.21 NMAC - Rp, 14.8.2.21 NMAC, 1-1-08]

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

A. 1209.5.2.3 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. 1209.5.3.2 Delete this section of the UPC and substitute: Copper and brass pipe shall not be used.

C. 1211.1.2 Protection against damage. Delete Subsection A of this section of the UPC and substitute the following: Underground piping systems shall be installed with a minimum of 18 inches (460 mm) of cover. Where a minimum of 18 inches (460 mm) of cover cannot be provided, the pipe shall be installed in conduit or bridged (shielded).

D. 1211.9.3 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.”

E. 1212.7 Sediment trap. See this section of the UPC except delete the first sentence and substitute: If a sediment trap, which is not incorporated as a part of the gas utilization equipment, is installed, it shall be installed at the time the equipment is installed and as close to the inlet of the equipment as is practical.

F. 1213.0 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 NMSA 1978 70-5-1 et seq., liquefied and compressed gasses.

[14.8.2.22 NMAC - Rp, 14.8.2.22 NMAC, 1-1-08]

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, 1-1-08]

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

[14.8.2.24 NMAC - Rp, 14.8.2.24 NMAC, 1-1-08]

14.8.2.25 CHAPTER 14 MANDATORY REFERENCED STANDARDS: See this chapter of the UPC.

[14.8.2.25 NMAC - Rp, 14.8.2.25 NMAC, 1-1-08]

14.8.2.26 CHAPTER 15 FIRESTOP PROTECTION: See this chapter of the UPC.

[14.8.2.26 NMAC - Rp, 14.8.2.26 NMAC, 1-1-08]

14.8.2.27 CHAPTER 16 GRAY WATER SYSTEMS. See this chapter of the UPC except as provided below.

A. 1613 Reclaimed water systems – General (A). Delete this section of the UPC and substitute the following: “The provisions of this chapter shall apply to the installation, construction, alteration and repair of reclaimed water systems intended to supply water closets, urinals, and trap primers for floor drains and sinks. The reclaimed water system shall have no connection to any potable water system, with or without mechanical backflow prevention, as required by the authority having jurisdiction. Except as otherwise provided in this appendix, the provisions of this code shall be applicable to reclaimed water system installations.”

B. 1622.0 Approved uses of reclaimed water. See this section of the UPC except delete the words “in all nonresidential buildings.”

14.8.2.27 NMAC - N, 1-1-08; A, 2-24-08]

14.8.2.28 APPENDICIES. See this chapter of the UPC and add the following to appendix L.1.3: All alternate plumbing systems must be pre-approved in writing by the authority having jurisdiction.

[14.8.2.28 NMAC - Rp, 14.8.2.27 NMAC, 1-1-08]

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 1/23/68.

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

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

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

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

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

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

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

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

MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/92.

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

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

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

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

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

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

MB-UMC-82-1, 1982 Uniform Mechanical Code, filed 11/4/82.

MB-UMC-85-1, 1985 Uniform Mechanical Code, filed 10/1/85.

MB-UMC-88-1, 1988 Uniform Mechanical Code, filed 12/15/88.

MB-UMC-91-1, 1991 Uniform Mechanical Code, filed 7/28/92.

CIC 77-3, 1976 New Mexico Uniform Solar Energy Code, 2/26/77.

CID MB-80-6, 1979 Uniform Solar Energy Code, 4/24/80.

MB-USEC-82-1, 1982 Uniform Solar Energy Code, filed 11/4/82.

MB-USEC-85-1, 1985 Uniform Solar Energy Code, 12/23/85.

MB-USEC-88-1, 1988 Uniform Solar Energy Code, 12/15/88.

MB-USEC-91-1, 1991 Uniform Solar Energy Code, 7/28/92.

CIC-75-1, 1973 Uniform Swimming Pool Code, Section 1.7, 10/31/75.

CIC-76-3, 1976 Uniform Swimming Pool Code, 7/27/76.

CIC MB 80-4, 1979 Uniform Swimming Pool Code, filed 4/23/80.

MB-USPC-82-1, 1982 Uniform Swimming Pool Code, 11/4/82.

MB-USPS and HTC-85-1, 1985 Uniform Swimming Pool, Spa and Hot Tub Code, 12/23/85.

MB-USPS and HTC-88-1; 1988 Uniform Swimming Pool, Spa and Hot Tub Code, 12/15/88.

MB-USPS and HTC-91-1, 1991 Uniform Swimming Pool, Spa and Hot Tub Code, 7/28/92.

CID-MB-NMP&M 91-1, 1991 New Mexico Plumbing and Mechanical Code, 7/7/92.

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

CIC MB 70-8, 1970 Plumbing Code of New Mexico, filed 4/29/70.
CIC MB 71-4, 1970 New Mexico Plumbing Code, filed 6/8/71.
CIC 74-9, 1973 Uniform Plumbing Code, filed 11/20/74.
CIC 76-1, 1976 Uniform Plumbing Code, filed 5/4/76.
CIC MB 80-5, 1979 Uniform Plumbing Code, filed 4/24/80.
MB-UPC-82-1, 1982 Uniform Plumbing Code, filed 11/4/82.
MB-UPC-85-1, 1985 Uniform Plumbing Code, filed 10/1/85.
MB-UPC-88-1, 1988 Uniform Plumbing Code, filed 12/15/88.
MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/92.

History of Repealed Material:

14.8.2 NMAC, 2003 New Mexico Plumbing Code (filed 5-27-04) repealed 1-1-08.

Other History:

CID-MB-NMP&M 91-1, 1991 New Mexico Plumbing and Mechanical Code, (filed 7/7/92), replaced by 14 NMAC 9.2, 1997 New Mexico Plumbing and Mechanical Code, effective 12-31-98.

14 NMAC 9.2, 1997 New Mexico Plumbing and Mechanical Code (filed 10-30-98) and MB-UPC-91-1, 1991 Uniform Plumbing Code, filed 7/28/92 both replaced by 14.8.2 NMAC, 2003 New Mexico Plumbing Code, effective 7-1-04.

14.8.2 NMAC, 2003 New Mexico Plumbing Code (filed 5-27-04) replaced by 14.8.2 NMAC, 2006 New Mexico Plumbing Code, effective 1-1-08.