

Note: Deleted text is shown in strikeout and added or revised text is bolded and capitalized.

**TOWN OF ORO VALLEY
AMENDMENTS TO THE
INTERNATIONAL MECHANICAL CODE
2006 EDITION**

The following provisions of the International Mechanical Code, 2006 Edition, as published by the International Code Council, Inc., are hereby amended as follows:

CHAPTER 1

At Section 101.1, revise text to read as follows:

“These regulations shall be known as the Mechanical Code of [**THE TOWN OF ORO VALLEY**], hereinafter referred to as “this code.”

Revise Section 103 as follows:

SECTION 103

DEPARTMENT OF ~~MECHANICAL INSPECTION~~ BUILDING SAFETY

103.1 General. The Department of ~~mechanical inspection~~ **BUILDING SAFETY** is hereby created and the executive official in charge thereof shall be known as the code official.

Delete Section 103 in its entirety and substitute Section 103 in its entirety of the International Building Code, 2006 edition with Amendments thereto.

Delete Sections 104 and 105 in their entirety and substitute Section 104 in its entirety of the International Building Code, 2006 edition with Amendments thereto.

Add Subsection 106.4.2.1 as follows:

106.4.2.1 Time limitation of application. AN APPLICATION FOR A PERMIT FOR ANY PROPOSED WORK SHALL BE DEEMED TO HAVE BEEN ABANDONED AND SHALL BE EXPIRED 180 DAYS AFTER THE DATE OF FILING, UNLESS SUCH APPLICATION HAS BEEN PURSUED IN GOOD FAITH OR A PERMIT HAS BEEN ISSUED; EXCEPT THAT THE BUILDING OFFICIAL IS AUTHORIZED TO GRANT ONE OR MORE EXTENSIONS OF TIME FOR ADDITIONAL PERIODS NOT EXCEEDING 90 DAYS EACH. THE EXTENSION SHALL BE REQUESTED IN WRITING AND JUSTIFIABLE CAUSE DEMONSTRATED. THE REQUEST FOR EXTENSION SHALL BE MADE PRIOR TO EXPIRATION. AN EXTENSION SHALL NOT BE GRANTED IF THIS CODE OR ANY OTHER PERTINENT LAWS OR ORDINANCES HAVE BEEN AMENDED SUBSEQUENT TO THE DATE OF APPLICATION. IN ORDER TO RENEW ACTION ON AN APPLICATION AFTER EXPIRATION, THE APPLICANT SHALL RE-SUBMIT PLANS AND PAY A NEW PLAN REVIEW FEE.

Delete Sections 106.4.3 and 106.4.4 in their entirety and substitute Section 105.5 in its entirety of the International Building Code 2006 edition with Amendments thereto.

Delete Sections 106.5 in its entirety and substitute Section 108 in its entirety of the International Building Code 2006 edition with Amendments thereto.

Revise Section 108.4 as follows:

108.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter or repair mechanical work in violation of the approved construction documents or directive of the code official, or of a permit or certificate issued under the provisions of this code, shall be ~~guilty of a [SPECIFY OFFENSE], punishable by a fine of not more than [AMOUNT] dollars or by imprisonment not exceeding [NUMBER OF DAYS], or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense~~ **SUBJECT TO PENALTIES AS PRESCRIBED BY LAW.**

Delete Section 108.5 in its entirety and substitute Section 114 in its entirety of the International Building Code 2006 edition with Amendments thereto.

Delete Section 109 in its entirety and substitute Section 112 in its entirety of the International Building Code 2006 edition with Amendments thereto.

CHAPTER 3

Add a new subsection to the end of Section 303.7 as follows:

303.7.1 PROHIBITIONS. LIQUEFIED PETROLEUM GAS (LPG) APPLIANCES OR STORAGE TANKS SHALL NOT BE LOCATED IN ANY BUILDING WHERE LPG CAN POCKET OR POOL.

Add a new subsection to the end of Section 306.3 as follows:

306.3.2 PROHIBITED APPLIANCES. LPG GAS-FIRED APPLIANCES SHALL NOT BE INSTALLED IN AN ATTIC.

Revise section 307.2.1 by adding the following at the end of the paragraph:

LOCATIONS FOR TERMINATION OF CONDENSATE DRAINS SHALL BE AS FOLLOWS:

- 1. INTO AN ACCESSIBLE FIXTURE TAILPIECE, FUNNEL DRAIN, WASTE AIR GAP FITTING, FLOOR SINK, SLOP SINK OR LAUNDRY TRAY.**
- 2. AT OR BELOW GRADE OUTSIDE THE BUILDING IN AN AREA CAPABLE OF ABSORBING THE CONDENSATE FLOW WITHOUT SURFACE DRAINAGE.**
- 3. OVER ROOF DRAINS THAT CONNECT TO DRAINAGE PIPES, PROVIDED THEY TERMINATE AT OR ABOVE GRADE IN AN AREA CAPABLE OF ABSORBING THE CONDENSATE FLOW WITHOUT SURFACE DRAINAGE.**

Revise the last two sentences of Section 307.2.2 as follows:

Where the drain pipes from more than one unit are manifolded together for condensate drainage, the pipe or tubing shall be sized in accordance with ~~an approved method.~~ **THE FOLLOWING TABLE BELOW. WHEN TWO OR MORE UNITS ARE TIED TOGETHER, THE MINIMUM DRAIN SIZE SHALL BE 1 INCH.** All horizontal sections of drain piping shall be installed in uniform alignment at a ~~uniform~~ slope **NOT LESS THAN PRESCRIBED IN SECTION 307.1.**

EQUIPMENT CAPACITY

MINIMUM CONDENSATE PIPE DIAMETER

UP TO 10 TONS OF REFRIGERATION	¾ INCH
11 TO 20 TONS	1 INCH
21 TO 40 TONS	1 ¼ INCH
41 TO 100 TONS	1 ½ INCH
OVER 100 TONS	2 INCH

CHAPTER 4

Revise Section 403.3 by adding the following after the exception:

The ventilation rate procedure (section 6.2) of ASHRAE Standard 62.1-2004 may be employed as an alternative to the requirements of Section 403 of the International Mechanical Code provided the following basic requirements are met:

1. The occupant density used for calculations must be at least equal to the default occupant density (Table 6-1).
2. The system ventilation efficiency (section 6.2.5.2) must be used to determine the design outside air intake.
3. In the case of multiple zones being served by a single system, the diversity of the zones must be taken into account (section 6.2.5.3).

CHAPTER 5

Revise Section 504.3 by adding the following at the end of the sentence:

A FLEXIBLE CONNECTION BETWEEN A VERTICAL RISER AND A DRYER SHALL BE CONSIDERED AN ACCEPTABLE MEANS OF CLEANOUT.

CHAPTER 10

Revise Section 1001.1 by deleting the text of exception 7 and replacing it with the following:

- 7. ANY BOILER OR LINED WATER HEATER IN EXCESS OF 200,000 BTU SHALL BE SUBJECT TO INSPECTION BY FEDERAL OR STATE INSPECTIONS. SEE ARIZONA BOILER RULES FOR REGULATIONS, TITLE 20, CHAPTER 5.**

Revise Section 1004.1 by deleting all text after the second sentence and adding the following:

BOILERS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE ASME *BOILER AND PRESSURE VESSEL CODE*, AND THE ARIZONA BOILER RULES, TITLE 20, CHAPTER 5.

CHAPTER 11

Revise Section 1109.1 item 3, by deleting “pure” and replacing it with “purge”.