

# Town of Marana

## Amendments to the: 2006 International Mechanical Code

**Section 101.1 Title.** Add within brackets: “Town of Marana”

**Section 202 General definitions.** REVISE section by ADDING the following definitions:  
**BURNER.** An arrangement for mixing air with fuel to sustain rapid oxidation of the fuel.

### **REFRIGERATION SYSTEM, ABSORPTION.**

**Indirect System** REVISE definition by DELETING the word “coil.”

**Section 303.7 Pit locations.** REVISE section by ADDING an exception to read:

**Exception:** Liquefied petroleum gas (LPG) appliances or storage tanks shall not be located in any building where LPG can pocket or pool.

**Section 306.3 Appliances in attics.** REVISE section by ADDING a third exception to read:

**Exception 3:** LPG gas-fired appliances shall not be installed in an attic.

**Section 307.2.1 Condensate disposal.** REVISE section by ADDING the following at the end of the paragraph:

Condensate disposal shall be allowed to terminate as follows:

1. Into an approved fixture tailpiece, funnel drain, waste air gap fitting, floor sink, slop sink and 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.

**Section 307.2.2 Drain pipe materials and size.** REVISE section by DELETING: “an approved method” and ADDING the following table:

<b>Equipment Capacity</b>	<b>Minimum Condensate Pipe Diameter</b>
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

When two or more units are tied together, the minimum drain size shall be 1”.

ADD the following after “uniform slope”, “not less than 307.1”

**Section 403.3 Ventilation rate.** REVISE section 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).

**Section 504.3 Cleanout.** REVISE section by ADDING the following at the end of the sentence: Flexible connection between a vertical riser and a dryer shall be considered an acceptable means of cleanout.

**Section 1001.1 Scope.** REVISE section by DELETING the text of exception 7 and REPLACING it with the following:  
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.

**Section 1004.1 Standards.** REVISE section 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 Arizona Boiler Rules, Title 20 Chapter 5.

**Section 1109.1 Testing Required.** REVISE section by DELETING “pure” in item #3 and REPLACING it with “purge”.