

Town of Sahuarita

**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 revised as follows:

General.

Throughout this code, change all references to “the International Electric Code” to “the 1999 Edition of NFPA 70 entitled The National Electric Code, as amended.”

Section 101.1 Title.

Insert “The Town of Sahuarita” as the jurisdiction.

Section 106.2 Permits not required.

(6.) Change the words, “Portable evaporative coolers;” to read “Evaporative coolers replaced with the same size unit, portable evaporative coolers;”

Section 106.5.2 Fee schedule.

Insert “Sahuarita Town Code, Section 3.10.050.” where indicated.

Section 106.5.3 Fee refunds. Revise as follows:

(2.) Change “[Specify percentage]”, to read: “80”.

(3.) Change “[Specify percentage]”, to read: “80”.

Section 108.4 Violation penalties. Revise as follows:

Change “[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.” to read: “Class I Misdemeanor per Sahuarita Town Code Section 15.05.060.”

Section 201.4 Terms not defined. Revise as follows:

After the first sentence add:

“Webster’s Third New International Dictionary of the English Language, unabridged, shall be considered as providing ordinarily accepted meanings.”

Section 202 General definitions.

Add the following new definition:

“**BURNER.** An arrangement for mixing air with fuel to sustain rapid oxidation of the fuel.”

Revise definition as follows:

REFRIGERATION SYSTEM, ABSORPTION. Indirect System. Delete the word “coil.”

Section 303.7 Pit locations. Add the following exception:

“**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. Add the following exception:

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

Section 307.2.1 Condensate disposal. Add 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. Delete “an approved method” and add the following table:

“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

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

Add “not less than 307.1” after “uniform slope”.

Section 403.3 Ventilation rate. Add 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 2006 International Mechanical Code Page 2 of 2 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. Add 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 as follows:

Change Exception 7 “Any boiler or pressure vessel subject to inspection by federal or state inspectors.” to read “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 as follows:

Change “Boilers shall be designed and constructed in accordance with the requirements of ASME CSD-1 and as applicable, the ASME Boiler and Pressure Vessel Code, Sections I or IV; NFPA 8501; NFPA 8502 or NFPA 8504.” to read “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 as follows:

Change “pure” in item 3 to read “purge”.