



**Town of Marana**  
**Building Safety Division**  
Proposed Amendments to the:  
2012 International Mechanical Code

**Chapter 1. DELETE** Chapter 1 in its entirety. **ADD;** Refer to Chapter 1 of the 2012 International Building Code for Administrative requirements.

**Section R307.2.1 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 or gutters or downspouts 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 401.4 Intake opening location. REVISE** section by **ADDING** an exception to read:

**Exception:** Replacement of existing evaporative coolers where the building official determines that the replacement does not constitute a high degree of hazard.

**Section 403.7 Balancing. REVISE** section by **DELETING** the second sentence and **REPLACING** it with the following:

Ventilation system shall be balanced by individuals holding current certification from the Associated Air Balance Council (AABC), the National Environmental Balancing Bureau (NEBB) or other approved agencies.

**ADD new section 928.2 to read:**

**Section 928.2 Water conservation.** Evaporative cooling systems shall be provided with a recirculating water system. Any bleed off rate used by the system shall be limited to that recommended by the manufacture. Once through an evaporative cooling system, water shall not re-enter the potable system.

**ADD new section 929 to read:**

**Section 929 Water-cooled refrigeration systems-water conservation.** A water-cooled refrigerating system or heat removal system shall not discharge more than three gallons of water per nominal ton per hour into an approved sanitary disposal system. Wastewater discharge shall be accomplished by the use of an air gap, as described in the *International Plumbing Code*. Each water-cooled system shall be provided with one or more of the following water-saving devices: (a) a cooling tower: (b) an evaporative condenser: or (c) an approved water circulating device.

**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 inspectors. 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 **REPLACING** "pure" in exception 3 with "purge".