

University of Arizona

AMENDMENTS TO THE INTERNATIONAL MECHANICAL CODE 2018 EDITION

The following provisions of the International Mechanical Code, 2018 Edition, as published by the International Code Council, Inc. are hereby revised as follows:

Chapter 1 Administration

Revise as follows:

Delete chapter 1 with the exception of section 101.1 and 107.

Section 101.1 Revise as follows: Title.

Insert: [NAME OF JURISDICTION] as, "*University of Arizona.*"

Chapter 4 Ventilation

Section 403.7 Balancing. Revise as follows:

Delete the second sentence and replace with the following:

"Ventilation systems 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.*"

Chapter 9 Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment

Add the following new section:

"**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 manufacturer. Once-through evaporative cooling systems using potable water shall not be permitted."

Add the following new section:

"**Section 929 Water cooled refrigeration/heat removal systems—water conservation.** A water-cooled refrigeration system or heat removal system, (defined as refrigeration or heat removal system using water, all, or in part, for condensing a refrigerant), 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; or (b) an evaporative condenser; or (c) an *approved* water circulating device."

Chapter 10

Boilers, Water Heaters and Pressure Vessels

Section 1001.1 Scope. Revise as follows:

Delete Exception 7 (in its entirety) and replace 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 as follows:

Delete all text after the second sentence and add 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.”

Chapter 11 Refrigeration

Section 1109.1 Testing Required. Revise as follows:

Delete “pure” in exception 3 and replace with “**purge.**”