

**CHAPTER 20 - ADOPTED CODES**  
**SUBCHAPTER 5. IRC® 2015**

**748:20-5-19. IRC® 2015 Chapter 29 Water Supply and Distribution**

Chapter 29 of the IRC® 2015 is adopted with the following modifications:

(1) Section P2902.5.3 Lawn irrigation systems. This section has been modified to add a spill resistant backflow preventer as an option for protection. This section has been modified to read: P2902.5.3 Lawn irrigation systems. The potable water supply to lawn irrigation systems shall be protected against backflow by an atmospheric vacuum breaker, a pressure vacuum breaker assembly, a spill resistance vacuum breaker or a reduced pressure principle backflow prevention assembly. Valves shall not be installed downstream from an atmospheric vacuum breaker. Where chemicals are introduced into the system, the potable water supply shall be against backflow by a reduced pressure principle backflow prevention assembly.

(2) Section P2903.10 Hose bibb. This section has been modified to strike the requirement for a stop and waste type valve and the exception. This section has been modified to read: P2903.10 Hose bibb. Hose bibs subject to freezing, including the "frost-proof" type, shall be equipped with an accessible valve inside the building so that they can be controlled and/or drained during cold periods.

(3) Section P2904.1.1 Required sprinkler locations. This section has been modified to clarify sprinklers shall only be installed to protect all areas of a townhouse dwelling unit. This section has been modified to read: Section P2904.1.1 Required sprinkler locations. Sprinklers shall be installed to protect all areas of a townhouse dwelling unit. Exceptions:

(A) Attics, crawl spaces and normally unoccupied concealed spaces that do not contain fuel-fired appliances do not require sprinklers. In attics, crawl spaces and normally unoccupied concealed spaces that contain fuel-fired equipment, a sprinkler shall be installed above the equipment; however, sprinklers shall not be required in the remainder of the space.

(B) Clothes closets, linen closes, and pantries not exceeding 24 square feet (2.2 meters squared) in area with the smallest dimension not greater than 3 feet (915 mm) and having wall and ceiling surfaces of gypsum board.

(C) Bathrooms not more than 55 square feet (5.1 square meters) in area.

(D) Garages; carports; exterior porches; unheated entry areas, such as mud rooms, that are adjacent to an exterior door and similar spaces.

(4) Section P2906.4 Water service pipe. This section has been modified to require piping materials not third-party certified for water distribution, to terminate at least 30 inches outside of the exterior wall. It has also been modified to strike the requirement of the termination to be before the full open valve located at the entrance to the structure. This section has been modified to read: P2906.4 Water service pipe. Water service pipe shall conform to NSF 61 and shall conform to one of the standards indicated in Table P2906.4. Water service pipe or tubing, installed underground and outside of the structure, shall have a minimum working pressure rating of not less than 160 pounds per square inch at 73 degrees Fahrenheit (1103 kPa at 23 degrees Celsius). Where the water pressure exceeds 160 pounds per square inch, (1103 kPa), piping material shall have a rated working pressure equal to or greater than the highest available pressure. Water service piping materials not third-party certified for water distribution shall terminate at least 30 inches outside the exterior wall.

Ductile iron water service piping shall be cement mortar lined in accordance with AWWA C104/A21.4.

#### **748:20-5-24.1. IRC® 2015 Chapter 44 Referenced Standards**

Chapter 44 of the IRC® 2015 has been adopted with the following modifications:

(1) A reference for the standard ANSI/APSP/ICC 7-13 has been added to the chapter. This section has been added to read: ANSI/APSP/ICC 7-13 American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins®. Referenced in code section number R326.5.

(2) A reference for the standard ANSI/APSP/ICC 16-11 has been added to the chapter. This section has been added to read: ANSI/APSP/ICC 16-11 American National Standard for Suction Fittings for Use in Swimming Pools, Wading Pools, Spas and Hot Tubs®. Referenced in code section number R326.4.

(3) A reference for the standard CSA C22.2 No. 218.1-13 has been added to the chapter. This section has been added to read: CSA C22.2 No. 218.1-13. Spas, Hot Tubs and Associated Equipment®. Referenced in code section number R326.5.

(4) The reference to the ICC 500® has been modified to update the code section references. This section has been modified to read: ICC 500-14 ICC/NSSA Standard on the Design and Construction of Storm Shelters®. Referenced in code section number R323.1, R323.2, R323.2.1, R323.2.2, R323.2.3 and R323.2.4.

(5) The reference to the International Building Code® has been modified to update the edition year to 2018 and include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~IBC®-15~~ IBC®-18 International Building Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(6) The reference to the International Fire Code® has been modified to update the edition year to 2018 and include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~IFC®-15~~ IFC®-18 International Fire Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(7) The reference to the International Fuel Gas Code® has been modified to update the edition year to 2018 and include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~IFGC®-15~~ IFGC®-18 International Fuel Gas Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(8) The reference to the International Mechanical Code® has been modified to update the edition year to 2018 and include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~IMC®-15~~ IMC®-18 International Mechanical Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(9) The reference to the International Plumbing Code® has been modified to update the edition year to 2018 include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~IPC®-15~~ IPC®-18 International Plumbing Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(10) The referenced standard for NFPA® 70 National Electrical Code® has been modified to update the edition year to 2017 and include after the title the words "as adopted and modified by the State of Oklahoma through the OUBCC." This section has been modified to read: ~~NFPA® 70-14~~ 70-17 National Electrical Code® as adopted and modified by the State of Oklahoma through the OUBCC.

(11) A reference for the standard UL 1563 has been added to the chapter. This section has been added to read: UL 1563-2009: Standard for Electric Hot Tubs, Spas and Associated Equipment®, with revisions through July, 2012. Referenced in code section number R326.5.