

- 28 15A-3-108, as last amended by Laws of Utah 2012, Chapter 76
- 29 15A-3-110, as enacted by Laws of Utah 2011, Chapter 14
- 30 15A-3-112, as enacted by Laws of Utah 2011, Chapter 14
- 31 15A-3-113, as last amended by Laws of Utah 2012, Chapters 76 and 219
- 32 15A-3-202, as last amended by Laws of Utah 2012, Chapter 62
- 33 15A-3-204, as enacted by Laws of Utah 2011, Chapter 14
- 34 15A-3-205, as enacted by Laws of Utah 2011, Chapter 14
- 35 15A-3-206, as enacted by Laws of Utah 2011, Chapter 14
- 36 15A-3-302, as enacted by Laws of Utah 2011, Chapter 14
- 37 15A-3-303, as enacted by Laws of Utah 2011, Chapter 14
- 38 15A-3-304, as enacted by Laws of Utah 2011, Chapter 14
- 39 15A-3-305, as enacted by Laws of Utah 2011, Chapter 14
- 40 15A-3-306, as enacted by Laws of Utah 2011, Chapter 14
- 41 15A-3-307, as enacted by Laws of Utah 2011, Chapter 14

42 ~~H→ [15A-3-308, as enacted by Laws of Utah 2011, Chapter 14] ←H~~

- 43 15A-3-309, as enacted by Laws of Utah 2011, Chapter 14
- 44 15A-3-310, as enacted by Laws of Utah 2011, Chapter 14

45 **H→ 15A-3-311, as enacted by Laws of Utah 2011, Chapter 14 ←H**

- 45a 15A-3-313, as enacted by Laws of Utah 2011, Chapter 14
- 46 15A-3-314, as enacted by Laws of Utah 2011, Chapter 14
- 47 15A-3-401, as enacted by Laws of Utah 2011, Chapter 14
- 48 15A-3-501, as enacted by Laws of Utah 2011, Chapter 14
- 49 15A-3-601, as last amended by Laws of Utah 2012, Chapter 76
- 50 15A-3-801, as enacted by Laws of Utah 2011, Chapter 14

51 REPEALS:

- 52 15A-4-302, as enacted by Laws of Utah 2011, Chapter 14
- 53 15A-4-304, as enacted by Laws of Utah 2012, Chapter 76
- 54 15A-4-305, as enacted by Laws of Utah 2012, Chapter 76
- 55 15A-4-306, as enacted by Laws of Utah 2012, Chapter 76
- 56 15A-4-307, as enacted by Laws of Utah 2012, Chapter 76

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58 *Be it enacted by the Legislature of the state of Utah:*

493 following: "2. A Group S-1 fire area is located more than three stories above the lowest level  
494 of fire department vehicle access."

495 ~~[(8) IBC, Section (F)903.2.10, is deleted and replaced with the following: "(F)903.2.10~~  
496 ~~Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as~~  
497 ~~parking garages in accordance with Section 406.2 or where located beneath other groups.]~~  
498 ~~[Exception 1: Parking garages of less than 5,000 square feet (464 m<sup>2</sup>) accessory to Group R-3~~  
499 ~~occupancies.]~~

500 ~~[Exception 2: Open parking garages not located beneath other groups if one of the following~~  
501 ~~conditions is met:]~~

502 ~~[a. Access is provided for fire fighting operations to within 150 feet (45,720 mm) of all~~  
503 ~~portions of the parking garage as measured from the approved fire department vehicle access;~~  
504 ~~or]~~

505 ~~[b. Class I standpipes are installed throughout the parking garage.]~~

506 ~~[(9) In IBC, Section (F)903.2.10.1, the last clause "where the fire area exceeds 5,000~~  
507 ~~square feet (464 m<sup>2</sup>)" is deleted.]~~

508 ~~[(10)]~~ (7) IBC, Section (F)904.11, is deleted and replaced with the following:  
509 "(F)904.11 Commercial cooking systems. The automatic fire-extinguishing system for  
510 commercial cooking systems shall be of a type recognized for protection of commercial  
511 cooking equipment and exhaust systems. Pre-engineered automatic extinguishing systems  
512 shall be tested in accordance with UL 300 and listed and labeled for the intended application.  
513 The system shall be installed in accordance with this code, its listing and the manufacturer's  
514 installation instructions.

515 Exception: Factory-built commercial cooking recirculating systems that are tested in  
516 accordance with UL 710B and listed, labeled, and installed in accordance with Section 304.1 of  
517 the International Mechanical Code."

518 ~~[(11)]~~ (8) IBC, ~~[Subsections]~~ Sections (F)904.11.3, (F)904.11.3.1, (F)904.11.4, and  
519 (F)904.11.4.1, are deleted.

519a ~~H→~~ (9) IBC, Section (F)907.2.3 Group E:

519b (a) The first sentence is deleted and rewritten as follows: "A manual fire alarm system  
519c that initiates the occupant notification system in accordance with Section (F) 907.5 and  
519d installed in accordance with Section (F) 907.6 shall be installed in Group E occupancies."

519e (b) In Exception number 3, starting on line five, the words "emergency voice/alarm  
519f communication system" are deleted and replaced with "occupant notification system". ←H

520 ~~[(12) A new IBC, Section (F)907.9, is added as follows: "Section (F)907.9 Carbon~~  
521 ~~monoxide alarms. Carbon monoxide alarms shall be installed on each habitable level of a~~  
522 ~~dwelling unit or sleeping unit in Groups R-2, R-3, R-4, and I-1 equipped with fuel burning~~  
523 ~~appliances and in dwelling units that have attached garages. If more than one carbon monoxide~~

524 alarm is required, they shall be interconnected as required in the International Fire Code,  
 525 Chapter 9, Section 907.2.11.3. In new construction, carbon monoxide alarms shall receive  
 526 their primary power as required in the International Fire Code, Chapter 9, Section 907.2.11.4.  
 527 Listed single- and multiple-station carbon monoxide alarms shall comply with UL 2034 and  
 528 shall be installed in accordance with the provisions of this code and NFPA 720."]

529 (9) In IBC, Section (F)908.7, ~~H~~→ **the first sentence is deleted and replaced as follows:**  
 529a **"Groups R-1, R-2, R-3, R-4, I-1, and I-4 occupancies";** ←~~H~~ the exceptions are deleted and the  
 529b following sentence is

530 added after the first sentence: "A minimum of one carbon monoxide alarm shall be installed on  
 531 each habitable level."

532 (10) In IBC, Section (F)908.7, the following new subsections are added:

533 "(F)908.7.1 Interconnection. Where more than one carbon monoxide alarm is required to be  
 534 installed within Group R or I-1 occupancies, the carbon monoxide alarms shall be  
 535 interconnected in such a manner that the activation of one alarm will activate all of the alarms.

536 Physical interconnection of carbon monoxide alarms shall not be required where listed wireless  
 537 alarms are installed and all alarms sound upon activation of one alarm. The alarm shall be  
 538 clearly audible in all bedrooms over background noise levels with all intervening doors closed.

539 (F)908.7.2 Power source. In new construction, required carbon monoxide alarms shall receive  
 540 their primary power from the building wiring where such wiring is served from a commercial  
 541 source and shall be equipped with a battery backup. Carbon monoxide alarms with integral  
 542 strobes that are not equipped with battery backup shall be connected to an emergency electrical  
 543 system. Carbon monoxide alarms shall emit a signal when the batteries are low. Wiring shall  
 544 be permanent and without a disconnecting switch other than as required for overcurrent  
 545 protection.

546 Exception: Carbon monoxide alarms are not required to be equipped with battery backup where  
 547 they are connected to an emergency electrical system."

548 (11) IBC, Section (F)908.7.1, is renumbered to 908.7.3.

549 Section 6. Section **15A-3-105** is amended to read:

550 **15A-3-105. Amendments to Chapters 10 through 12 of IBC.**

551 (1) In IBC, Section 1008.1.9.6[:-(a)], the words "Group I-1 and" are added in the title  
 552 and in the first sentence before the words "Group I-2"[:;] and a new number 8 is added as  
 553 follows: "8. The secure area or unit with special egress locks shall be located at the level of  
 554 exit discharge in Type V construction."

902 foundation plates or sills are bolted or anchored to the foundation with not less than 1/2 inch  
 903 (12.7 mm) diameter steel bolts or approved anchors, embedded at least 7 inches (178 mm) into  
 904 concrete or masonry and spaced not more than 32 inches (816 mm) apart, there shall be a  
 905 minimum of two bolts or anchor straps per piece located not less than 4 inches (102 mm) from  
 906 each end of each piece. A properly sized nut and washer shall be tightened on each bolt to the  
 907 plate."

908 (3) IBC, Section 2506.2.1, is deleted and replaced with the following: "2506.2.1 Other  
 909 materials. Metal suspension systems for acoustical and lay-in panel ceilings shall conform with  
 910 ASTM C635 listed in Chapter 35 and Section 13.5.6 of ASCE [7-05] 7, as amended in Section  
 911 1613.8, for installation in high seismic areas."

912 Section 10. Section **15A-3-112** is amended to read:

913 **15A-3-112. Amendments to Chapters 29 through 31 of IBC.**

914 (1) In IBC [~~Section 2902.1, the title for~~] [P] Table 2902.1 [~~is deleted and replaced and~~  
 915 ~~a new footnote g is added as follows~~] the following changes are made:

916 (a) [~~"]~~ The title for [P] Table 2902.1 is deleted and replaced with the following: "[P]  
 917 Table 2902.1, Minimum Number of Required Plumbing Facilities <sup>a, [g] h</sup> [~~"]~~ [~~and~~].

918 (b) In the row for "E" occupancy in the field for "OTHER" a new footnote i is added.

919 (c) In the row for "I-4" occupancy in the field for "OTHER" a new footnote i is added.

920 [~~(b)~~] (d) A new footnote h is added as follows: "FOOTNOTE: [g] h. When provided,  
 921 in public toilet facilities there shall be an equal number of diaper changing facilities in male  
 922 toilet rooms and female toilet rooms."

923 (e) A new footnote i is added to the table as follows: "FOOTNOTE i: Non-residential  
 924 child care facilities shall comply with additional sink requirements of Utah Administrative  
 925 Code R430-100-4."

926 (2) In IBC, Section 3006.5, a new exception is added as follows: "Exception: Hydraulic  
 927 elevators and roped hydraulic elevators with a rise of 50 feet or less."

928 Section 11. Section **15A-3-113** is amended to read:

929 **15A-3-113. Amendments to Chapters 32 through 35 of IBC.**

930 (1) A new section IBC, Section ~~H~~→ [3401.6] 3401.7 ←~~H~~, is added as follows:

930a " ~~H~~→ [3401.6] 3401.7 ←~~H~~ Parapet bracing,

931 wall anchors, and other appendages. Until June 30, 2014, a building constructed before 1975

932 shall have parapet bracing, wall anchors, and appendages such as cornices, spires, towers,

1733 b. See Backpressure (Section 202), See Backpressure, low head (Section 202), See  
 1734 Backsiphonage Section 202)

1734 Installation Guidelines: The above specialty devices shall be installed in accordance with  
 1735 their listing and the manufacturer's instructions and the specific provisions of this chapter."

1735 (8) In IPC, Section 608.3, the word "and" after the word "contamination" is deleted and  
 1736 replaced with a comma and the words "and pollution" are added after the word "contamination"  
 1737 in the first sentence.

1738 (9) In IPC, Section 608.5, the words "with the potential to create a condition of either  
 1739 contamination or pollution or" are added after the word "substances".

1740 ~~[(8)]~~ (10) In IPC, Section 608.6, the following sentence is added at the end of the  
 1741 paragraph: "Any connection between potable water piping and sewer-connected waste shall be  
 1742 protected by an air gap in accordance with Section ~~H~~→ [308.13.1] 608.13.1 ←H ."

1743 ~~[(9)]~~ (11) IPC, Section 608.7, is deleted[-] and replaced with the following: "608.7  
 1744 Stop and Waste Valves installed below grade. Combination stop-and-waste valves shall be  
 1745 permitted to be installed underground or below grade. Freeze proof yard hydrants that drain  
 1746 the riser into the ground are considered to be stop-and-waste valves and shall be permitted."

1747 ~~[(10)]~~ (12) In IPC, Section 608.11, the following sentence is added at the end of the  
 1748 paragraph: "The coating and installation shall conform to NSF Standard 61 and application of  
 1749 the coating shall comply with the manufacturer's instructions."

1750 ~~[(11)]~~ (13) IPC, Section 608.13.3, is deleted and replaced with the following: "608.13.3  
 1751 Backflow preventer with intermediate atmospheric vent. Backflow preventers with  
 1752 intermediate atmospheric vents shall conform to ASSE 1012 or CSA CAN/CSA-B64.3. These  
 1753 devices shall be permitted to be installed on residential boilers only, without chemical  
 1754 treatment, where subject to continuous pressure conditions. The relief opening shall discharge  
 1755 by air gap and shall be prevented from being submerged."

1756 ~~[(12)]~~ (14) IPC, Section 608.13.4, is deleted.

1757 ~~[(13)]~~ (15) IPC, Section 608.13.9, is deleted[-] and replaced with the following:  
 1758 "608.13.9 Chemical dispenser backflow devices. Backflow devices for chemical dispensers  
 1759 shall comply with Section 608.16.7."

1760 ~~[(14)]~~ (16) IPC, Section 608.15.3, is deleted and replaced with the following: "608.15.3  
 1761 Protection by a backflow preventer with intermediate atmospheric vent. Connections to

1824 Section 21. Section **15A-3-307** is amended to read:

1825 **15A-3-307. Amendments to Chapter 7 of IPC.**

1826 (1) IPC, Section 701.2, is deleted and replaced with the following: "701.2 Sewer  
 1827 required. Every building in which plumbing fixtures are installed and all premises having  
 1828 drainage piping shall be connected to a public sewer where the sewer is accessible and is  
 1829 within 300 feet of the property line in accordance with Utah Code, Section 10-8-38; or an  
 1830 approved private sewage disposal system in accordance with Utah Administrative Code, Rule  
 1831 R317-4, as administered by the Department of Environmental Quality, Division of Water  
 1832 Quality."

1833 (2) In IPC, Section 712.3.3.1, the following words are added before the word "or":  
 1834 "stainless steel, cast iron, galvanized steel".

1835 ~~H→ [Section 22. Section **15A-3-308** is amended to read:~~

1836 ~~—— **15A-3-308. Amendments to Chapter 8 of IPC.**~~

1837 ~~—— [IPC, Chapter 8, is not amended.]~~

1838 ~~—— (1) In IPC, Section 802.1.8, the words "or directly connect" are added after the word~~  
 1839 ~~"break".~~

1840 ~~—— (2) In IPC, Section 802, a new Section 802.1.8.1 is added as follows: "802.1.8.1~~  
 1841 ~~Gravity grease interceptor connection: Those sinks or appliances draining into a gravity grease~~  
 1842 ~~interceptor shall discharge directly or indirectly through an air gap or air break into a floor~~  
 1843 ~~sink."~~

1844 ~~—— (3) In IPC, Section 802, a new Section 802.1.8.2 is added as follows: "802.1.8.2~~  
 1845 ~~Hydromechanical grease interceptor connection. Those sinks used for washing and primary~~  
 1846 ~~rinsing of utensils, dishes, pots, pans or service ware and draining through a hydromechanical~~  
 1847 ~~interceptor shall be directly connected to the interceptor. The sinks shall be trapped and vented~~  
 1848 ~~to prevent odors from the grease interceptor escaping through the sinks into the building. A~~  
 1849 ~~flow control device furnished by the manufacturer shall be installed on the inlet side of the~~  
 1850 ~~interceptor and in accordance with the manufacturers installation instructions. A floor sink~~  
 1851 ~~shall be installed within five (5') feet downstream of the interceptor outlet. A dedicated branch~~  
 1852 ~~drain shall be provided to serve the hydromechanical interceptor and the floor sink only. No~~  
 1853 ~~connections of any kind shall be permitted between the outlet of the interceptor and the~~  
 1854 ~~connection of the floor sink."~~

1855 ~~———— (4) In IPC, Section 802, a new Section 802.1.9 is added as follows: "802.1.9 Sanitizing~~  
 1856 ~~sinks. Sinks used for the sanitizing of utensils, dishes, pots, pans, or service ware shall~~  
 1857 ~~discharge indirectly through an air gap or air break to the drainage system." ] ←H~~

1858 Section H→ [23] 22 ←H . Section 15A-3-309 is amended to read:

1859 **15A-3-309. Amendments to Chapter 9 of IPC.**

1860 [~~(1) IPC, Section 901.3, is deleted and replaced with the following: "901.3 Chemical~~  
 1861 ~~waste vent system. The vent system for a chemical waste system shall be independent of the~~  
 1862 ~~sanitary vent system and shall terminate separately through the roof to the open air or to an air~~  
 1863 ~~admittance valve provided at least one chemical waste vent in the system terminates separately~~  
 1864 ~~through the roof to the open air."~~]

1865 [(2)] (1) In IPC, Section [904.1] 903.1, when the number of inches is to be specified,  
 1866 "12 inches (304.8mm)" is inserted.

1867 [(3)] (2) In IPC, Section [904.6] 903.6, the following sentence is added at the end of  
 1868 the paragraph: "Vents extending through the wall shall terminate not less than 12 inches from  
 1869 the wall with an elbow pointing downward."

1870 [(4)] (3) In IPC, Section 905.4, the following sentence is added at the end of the  
 1871 paragraph: "Horizontal dry vents below the flood level rim shall be permitted for floor drain  
 1872 [~~and~~], floor sink, and bath tub installations when installed in accordance with Sections 702.2,  
 1873 905.2 and 905.3 and provided with a wall clean out."

1874 [(5) In IPC, Section 917.8, a new exception is added as follows: "Exception: Air  
 1875 admittance valves shall be permitted in non-neutralized special waste systems provided that  
 1876 they conform to the requirements in Sections 901.3 and 702.5, are tested to ASTM F1412, and  
 1877 are certified by ANSI/ASSE."]

1878 Section H→ [24] 23 ←H . Section 15A-3-310 is amended to read:

1879 **15A-3-310. Amendments to Chapter 10 of IPC.**

1880 (1) In IPC, Section 1002.4, the following is added at the end of the paragraph:

1881 "Approved Means of Maintaining Trap Seals. Approved means of maintaining trap seals  
 1882 include the following, but are not limited to the methods cited:

1883 (a) [~~Listed Trap Seal Primer~~] A listed trap seal primer conforming to ASSE 1018 and  
 1884 ASSE 1044

1885 (b) A hose bibb or bibbs within the same room

1886 (c) Drainage from an untrapped lavatory discharging to the tailpiece of those fixture  
 1887 traps which require priming. All fixtures shall be in the same room and on the same floor level  
 1888 as the trap primer

1889 (d) Barrier type floor drain trap seal protection device meeting ASSE Standard 1072

1890 (e) Deep seal p-trap".

1891 ~~H~~→ [(2) In IPC, Section 1003.3.4, the following sentence is added before the last sentence:

1892 "Hydrochemical grease interceptors and automatic grease removal devices shall not indirectly  
 1893 discharge into a floor sink or any other indirect waste receptor, but shall directly connect to the  
 1894 drainage system."

1895 ~~— (3) IPC, Section 1003.3.4.2, is deleted and replaced with the following: "1003.3.4.2~~  
 1896 ~~Rate of flow controls. Hydromechanical grease interceptors shall be equipped with devices to~~  
 1897 ~~control the rate of water flow so that the water flow does not exceed the rated flow. The flow~~  
 1898 ~~control device shall be vented. The vent from the flow control device shall connect to the~~  
 1899 ~~plumbing vent system within the building or an approved and listed air admittance valve or~~  
 1900 ~~terminate out the roof. The flow control device shall be installed in accordance with the~~  
 1901 ~~manufacturers instructions."]~~

1901a Section [25] 24 . Section 15A-3-311 is amended to read:

1901b 15A-3-311. Amendments to Chapter 11 of IPC.

1901c (1) IPC, Section 1104.2, is deleted and replaced with the following: "1104.2 Combining  
 1901d storm and sanitary drainage prohibited. The combining of sanitary and storm drainage systems is  
 1901e prohibited."

1901f (2) IPC, Section [H08] 1109 , is deleted. ←H

1902 Section 25. Section 15A-3-313 is amended to read:

1903 15A-3-313. Amendments to Chapter 13 of IPC.

1904 [IPC, Chapter 13, is not amended.]

1905 (1) In IPC, Section 1301.1, all words after the word "urinals" are deleted and the  
 1906 following sentence is added at the end: "Gray water recycling systems for subsurface landscape  
 1907 irrigation shall conform with UAC R317-401 Gray Water Systems."

1908 (2) A new IPC, Section 1301.1.1, is added as follows: "1301.1.1 Recording. The  
 1909 existence of a gray water recycling system shall be recorded on the deed of ownership for that  
 1910 property. The certificate of occupancy shall not be issued until the documentation of the  
 1911 recording required under this section is completed by the owner."

1912 (3) In IPC, Section 1301.2, the words "and systems for subsurface landscape irrigation  
 1913 shall comply with Section 1303" are deleted.

1914 (4) IPC, Section 1301.6, is deleted and replaced with the following: "1301.6 Potable  
 1915 water connections. The potable water supply to any building utilizing a gray water recycling  
 1916 system shall be protected against backflow by a reduced pressure backflow prevention