

## **Chapter 16.130 PLUMBING CODE**

### **16.130.100 Plumbing Code - Incorporation.**

There is incorporated by reference, for the purpose of adopting regulations, provisions, conditions, terms, and specifications, for the control of buildings and structures within the City; the issuing, suspension, and revocation of permits; the collection of fees; the making of inspections; the execution of plan reviews; the enforcement of Chapter 16.100 of the Overland Park Municipal Code and the fixing of penalties for violations thereof, the 2006 International Plumbing Code, dated January, 2006, as published by the International Code Council, Inc., excepting only such parts or portions thereof as are specifically deleted or amended in Overland Park Municipal Code Chapters 16.100 through and including 16.190 and including such new and additional provisions added to said code by Overland Park Municipal Code Chapters 16.100 through and including 16.190. Not less than three (3) copies of said 2006 International Plumbing Code shall be marked Official Copy as Adopted by Ordinance No. BC-2635, to which shall be attached a copy of the ordinance codified herein, and filed with the City Clerk to be opened to inspection and available to the public at all reasonable business hours. The Municipal Court and all administrative departments of the City charged with the enforcement of the ordinance shall be supplied at the cost of the City such number of official copies of such ordinance as may be deemed expedient.

(History: Ord. BC-2635 §134, 2007; BC-2459 §102, 2004; BC-2237 §4, 2001)

### **16.130.101.2**

Section 101.2 of the 2006 International Plumbing Code is hereby amended to read as follows:

**101.2 Scope.** The provisions of this code shall apply to the erection, installation, alteration, repairs, relocation, replacement, addition to, use or maintenance of plumbing systems within this jurisdiction. This code shall also regulate nonflammable medical gas, inhalation anesthetic, vacuum piping, non-medical oxygen systems and sanitary and condensate vacuum collection systems. The installation of fuel gas distribution piping and equipment, fuel gas-fired water heaters and water heater venting systems shall be regulated by the 2006 International Fuel Gas Code. Provisions in the appendices shall not apply unless specifically adopted.

**Exception:** Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories high with separate means of egress and their accessory structures shall comply with the 2006 International Residential Code.

**101.2.1 Administration.** The administrative provisions of this code shall be those provisions contained in the Overland Park Municipal Code, Chapter 16.100, Section 103 through Section 115.

(History: Ord. BC-2635 §135, 2007; BC-2459 §103, 2004)

### **16.130.101.2.1**

Repealed.

(History: Ord. BC-2459 §187, 2004; BC-2237 §4, 2001)

## Chapter 16.130

### **16.130.103**

Sections 103 through 109 of the 2006 International Plumbing Code are hereby deleted.  
(History: Ord. BC-2635 §136, 2007; BC-2459 §104, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.120; BC-2013 §36, 97)

### **16.130.108**

Repealed.  
(History: Ord. BC-2635 §211, 2007; BC-2459 §105, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.130 & 16.08.140; BC-2013 §§37 & 38, 97)

### **16.130.305.6.1**

Section 305.6.1 of the 2006 International Plumbing Code is hereby amended to read as follows:

**305.6.1 Sewer depth.** Building sewers that connect to private sewage disposal systems shall be a minimum of eighteen inches (18”) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of forty-two inches (42”) below grade measured from the top of the pipe. Sewer pipe below grade connecting to the public sewer shall comply with the requirements of the Johnson County Wastewater District regulations for sewers.

(History: Ord. BC-2635 §137, 2007; BC-2459 §106, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.165; BC-2013 §40, 97)

### **16.130.305.6.2**

Section 305.6.2 of the 2006 International Plumbing Code is hereby added to read as follows:

**305.6.2 Frost depth.** The frost depth is 36 inches (36”).  
(History: Ord. BC-2635 §138, 2007; BC-2459 §107, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.160 (part); BC-2013 §39, 97)

### **16.130.312.1**

Section 312.1 of the 2006 International Plumbing Code is hereby amended to read as follows:

**312.1 Required tests.** The permit holder shall make the applicable tests prescribed in Sections 312.2 through 312.9 to determine compliance with the provisions of this code. The permit holder shall give reasonable advance notice to the Building Official when the plumbing work is ready for tests. The equipment, material, power and labor necessary for the inspection and test shall be furnished by the permit holder and the permit holder shall be responsible for determining that the work will withstand the test pressure prescribed in the following tests. All plumbing system piping shall be tested with either water or, for piping systems other than plastic, by air. After the plumbing fixtures have been set and their traps filled with water, the entire drainage system shall be submitted to final tests. The Building Official shall require the removal of any cleanouts if necessary to ascertain whether the pressure has reached all parts of the system.

**Exception:** DWV Plastic plumbing systems may be tested by air when the plumbing system being tested would be subjected to freezing conditions.

**312.1.1 Test gauges.** Gauges used for testing shall be as follows:

1. Tests requiring a pressure of 10 psi or less shall utilize a testing gauge having increments of 0.10 psi or less.
2. Tests requiring a pressure of greater than 10 psi but less than or equal to 100 psi shall utilize a testing gauge having increments of 1 psi or less.
3. Tests requiring a pressure of greater than 100 psi shall utilize a testing gauge having increments of 2 psi or less.

(History: Ord. BC-2635 §139, 2007; BC-2459 §108, 2004)

**16.130.312.6**

Sections 312.6 and 312.7 of the 2006 International Plumbing Code are hereby deleted.

(History: Ord. BC-2635 §140, 2007; BC-2459 §109, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.180; BC-2013 §42, 97)

**16.130.312.9**

Section 312.9 of the 2006 International Plumbing Code is hereby deleted.

(History: Ord. BC-2635 §141, 2007; BC-2459 §110, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.185; BC-2013 §43, 97)

**16.130.403.1**

Table 403.1 of the 2006 International Plumbing Code is hereby amended to read as follows:

Table 403.1  
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES<sup>a</sup>  
(See Sections 403.2 and 403.3)

NO.	CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS (URINALS SEE SECTION 419.2)		LAVATORIES		BATHTUBS/ SHOWERS	DRINKING FOUNTAIN (SEE SECTION 410.1)
				MALE	FEMALE	MALE	FEMALE		
1	Assembly (see Sections 403.2, 403.4 and 403.4.1)	A-1 <sup>d</sup>	Theaters and other buildings for the performing arts and motion pictures	1 per 125	1 per 65	1 per 200		—	1 per 500
		A-2 <sup>d</sup>	Nightclubs, bars, taverns, dance halls and buildings for similar purposes	1 per 40	1 per 40	1 per 75		—	1 per 500
			Restaurants, banquet halls and food courts	1 per 75	1 per 75	1 per 200		—	1 per 500
		A-3 <sup>d</sup>	Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums	1 per 125	1 per 65	1 per 200		—	1 per 500
			Passenger terminals and transportation facilities	1 per 500	1 per 500	1 per 750		—	1 per 1,000
			Places of worship and other religious services	1 per 150	1 per 75	1 per 200		—	1 per 1,000

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 (See Sections 403.2 and 403.3)

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				MALE	FEMALE	MALE	FEMALE		
		A-4	Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,500 and 1 per 60 for the remainder exceeding 1,500	1 per 200	1 per 150	—	1 per 1,000
		A-5	Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,500 and 1 per 60 for the remainder exceeding 1,500	1 per 200	1 per 150	—	1 per 1,000
2	Business (see Sections 403.2, 403.4 and 403.4.1)	B <sup>e</sup>	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50		1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80		—	1 per 100
3	Educational	E	Educational facilities	1 per 50		1 per 50		—	1 per 100
4	Factory and industrial	F-1 and F-2	Structures in which occupants are engaged in work fabricating, assembly or processing of products or materials	1 per 100		1 per 100		(see Section 411)	1 per 400
5	Institutional	I-1	Residential care	1 per 10		1 per 10		1 per 8	1 per 100
		I-2	Hospitals, ambulatory nursing home patients <sup>b</sup>	1 per room <sup>c</sup>		1 per room <sup>c</sup>		1 per 15	1 per 100
		I-2	Employees, other than residential care <sup>b</sup>	1 per 25		1 per 35		—	1 per 100
		I-2	Visitors other than residential care	1 per 75		1 per 100		—	1 per 500
		I-3	Prisons <sup>b</sup>	1 per cell		1 per cell		1 per 15	1 per 100
		I-3	Reformatories, detention centers, and correctional centers <sup>b</sup>	1 per 15		1 per 15		1 per 15	1 per 100
		I-4	Adult day care and child care	1 per 15		—		—	1 per 100
6	Mercantile (see Sections 403.2, 403.4, 403.4.1 and 403.4.2)	M <sup>r</sup>	Retail stores, service stations, shops, sales-rooms, markets and shopping centers	1 per 500		1 per 750		—	1 per 1,000
7	Residential	R-1	Hotels, motels, boarding houses (transient)	1 per sleeping unit		1 per sleeping unit		1 per sleeping unit	—

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 (See Sections 403.2 and 403.3)

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				MALE	FEMALE	MALE	FEMALE		
		R-2	Dormitories, fraternities, sororities and boarding houses (not transient)	1 per 10		1 per 10		1 per 8	1 per 100
		R-2	Apartment house	1 per dwelling unit		1 per dwelling unit		1 per dwelling unit	—
		R-3	One- and two-family dwellings	1 per dwelling unit		1 per dwelling unit		1 per dwelling unit	—
		R-4	Residential care/ assisted living facilities	1 per 10		1 per 10		1 per 8	1 per 100
8	Storage (see Sections 403.2, 403.4 and 403.4.1)	S-1, S-2	Structures for the storage of goods, warehouses, store- house and freight depots. Low and Moderate Hazard	1 per 100		1 per 100		See Section 411	1 per 1,000

- a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by the 2006 International Building Code.
- b. Toilet facilities for employees shall be separate from facilities for inmates or patients.
- c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent patient sleeping units shall be permitted where such room is provided with direct access from each patient room and with provisions for privacy.
- d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.
- e. A drinking fountain is not required in B occupancies with an occupant load less than 15.
- f. A drinking fountain is not required in mercantile occupancies with a total occupant load less than 50.

(History: Ord. BC-2635 §142, 2007)

### 16.130.403.2

Repealed.

(History: Ord. BC-2459 §187, 2004; BC-2237 §4, 2001)

### 16.130.504.3

Section 504.3 of the 2006 International Plumbing Code is hereby amended to read as follows:

**504.3 Shutdown.** A means for disconnecting an electric hot water supply system from its energy supply shall be provided in accordance with the NFPA 70 National Electrical Code, 2005 Edition. A separate valve shall be provided to shut off the energy fuel supply to all other types of hot water supply systems.

(History: Ord. BC-2635 §143, 2007; BC-2459 §111, 2004; BC-2237 §4, 2001)

### 16.130.701.2

Section 701.2 of the 2006 International Plumbing Code is hereby amended to read as follows:

**701.2 Sewer Required.** Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer, where available, or an approved private sewage disposal system in accordance with the 2006 International Private Sewage Disposal Code.

## Chapter 16.130

**701.2.1 Public systems available.** A public water main or public sewer system shall be considered available when the lot or tract is located within 200 feet (200') of the public water main or sewer and public water main or sewer is considered available for connection by the Johnson County Water District or the Johnson County Wastewater District.

(History: Ord. BC-2832 §1, 2009)

### **16.130.701.2.1**

Repealed.

(History: Ord. BC-2832 §3, 2009; BC-2635 §144, 2007; BC-2459 §112, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.190; BC-2013 §44, 97)

### **16.130.715.1**

Section 715.1 of the 2006 International Plumbing Code is hereby amended as follows:

**715.1 Sewage backflow.** Where the flood level rims of plumbing fixtures are below the elevation of the manhole cover of the next upstream manhole in the public sewer, such fixtures shall be protected by a backwater valve installed in the building drain, branch of the building drain or horizontal branch serving such fixtures when required by the Johnson County Wastewater District.

(History: Ord. BC-2635 §145, 2007; BC-2459 §113, 2004; BC-2237 §4, 2001)

### **16.130.904.1**

Repealed.

(History: Ord. BC-2635 §211, 2007; BC-2459 §114, 2004; BC-2237 §4, 2001)

### **16.130.1101.1**

Section 1101.1 of the 2006 International Plumbing Code is hereby amended to read as follows:

**1101.1 Scope.** The provisions of this chapter shall govern the materials, design, construction and installation of storm drainage starting at the building roof and terminating at the connection to the site storm drainage system as covered in Title 15 of the Overland Park Municipal Code. Nothing in this chapter shall be construed to take precedence over the requirements set forth in Title 15 of the Overland Park Municipal Code or the requirements set forth by the Johnson County Wastewater District.

(History: Ord. BC-2635 §146, 2007; BC-2459 §115, 2004; BC-2237 §4, 2001; Source or prior law: 16.08.200; BC-2013 §45, 97)

### **16.130.1301**

Repealed.

(History: Ord. BC-2635 §211, 2007; BC-2459 §116, 2004; BC-2237 §4, 2001)

### **16.130.1301.1**

Repealed.

(History: Ord. BC-2635 §211, 2007; BC-2459 §117, 2004)

*[Next Page is 16-2100]*