



# City of Commerce City 2012 International Plumbing Code and International Private Sewage Disposal Code

## Code Amendments

The City of Commerce City adopted the 2012 International Plumbing Code including Appendix Chapters, B, C, D, E, F and G and all standards referenced therein,.

### **Amendments to the International Plumbing Code.**

(a) Section 101.1 is amended to read as follows:

These regulations shall be known as the Plumbing Code of the City of Commerce City, hereinafter referred to as “this code.”

(b) Section 101.1.2, entitled “Building Official,” is added to read as follows:

Whenever this code uses the term “code official” it shall mean the “codes & inspections manager.”

(c) Section 101.2.1, entitled “Interaction with other Standards,” is added to read as follows:

Whenever any county health department, state or federal law or regulation imposes a greater or more restrictive requirement than required by this code, the provisions of those laws or regulations shall govern. Whenever the requirements imposed by this code are greater or more restrictive than the requirements imposed by any other law or regulation or resolution of any governmental body, then the requirements of this code shall govern.

(d) Section 104.3 is amended to read as follows:

The code official’s right to enter and inspect property shall be exercised in accordance with section 1-3001 of the city’s municipal code, as that section currently exists and as it may be amended from time to time.

(e) Numbered Paragraph 2 of Section 106.2 is amended to read as follows:

The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures and the removal and reinstallation of water closets, tubs, tub-shower combinations, showers, sinks, lavatories and similar plumbing fixtures, provided such repairs, removals or replacements do not involve or require the replacement or rearrangement of valves, pipes or fixtures or the removal or replacement of building finishes or alter any accessibility requirements.

(f) Section 106.6 is deleted in its entirety.

(g) Section 106.6.2 is deleted in its entirety.

(h) Section 106.4.2 is deleted in its entirety.

(i) Section 108.4 is deleted in its entirety.

(j) Section 108.5 is amended to read as follows:

Upon notice from the code official that work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notices shall be in writing and shall be given to the owner of the property, the owner's agent, or the person doing the work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work after having been served with a stop-work order, except such work as that person is directed to perform to remove a violation or an unsafe condition, shall be guilty of a violation of this code.

(k) Section 109 is deleted in its entirety.

(l) Section 305.4.1 is amended to read as follows:

Building sewers that connect to private sewage disposal systems shall be a minimum of 24 inches (609.6 mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 24 inches (609.6 mm) below grade.



(m) Section 308.10, entitled Piping and Tubing Support, is added to read as follows:  
Piping and tubing when supported from above shall be supported in accordance with Table 308.10 and shall be spaced in accordance with Section 308.5.

**Table 308.10**  
**Piping and Tubing Supports**

Piping and Tubing Size (inches)	Rod Size (inches)
1/2 – 4	3/8
5 – 8	1/2
10 -12	5/8

(n) Section 312.5 is amended to read as follows:

Upon completion of a section of or the entire water supply system, the system, or portion completed, shall be tested and proved tight under a water pressure not less than the working pressure of the system; or by an air test of not less than 50 psi (344 pKa). This pressure shall be held for at least 15 minutes. The water utilized for tests shall be obtained from a potable source of supply. The required tests shall be performed in accordance with this section and Section 107.

(o) Section 312.9 is amended to read as follows:

Where shower floors and receptors are made water-tight by the application of materials required by Section 417.5.2, the completed liner installation shall be tested. The pipe from the shower drain shall be plugged water tight for the test. The floor and receptor areas shall be filled with potable water to a depth of not less than 2 inches (51 mm) measured at the threshold. Where a threshold of at least 2 inches (51 mm) high does not exist, a temporary threshold shall be constructed to retain the test water in the lined floor or receptor areas to a level of not less than 2 inches (51 mm) deep measured at the threshold. The water shall be retained for a test period of not less than 15 minutes and there shall not be evidence of leakage. Where there is no visible threshold, the threshold shall be determined as the termination point of the 1/4 inch per foot sloped shower floor.

(p) Section 312.10.1 is amended to read as follows:



Inspection and testing shall comply with Sections 312.10.1 and 312.10.2. The premises owner or responsible person shall have the backflow prevention assembly tested by a certified backflow assembly tester at the time of installation, repair, or relocation.

(n) Table 403.1 footnote "f" is amended to read as follows:

Drinking fountains are not required for an occupant load of 30 or fewer. For mercantile occupancies, drinking fountains are not required for an occupant load of 75 or fewer.

(o) Numbered paragraph 2 of Section 403.2 is amended to read as follows:

Separate facilities shall not be required in structures or tenant spaces with a total design occupant load, including both employees and customers, of 30 or less.

(p) Numbered paragraph 3 of Section 403.2 is amended to read as follows:

Separate facilities shall not be required in mercantile occupancies in which the maximum design occupant load is 100 or less.

(q) Section 405.3.2 is amended to read as follows:

In employee and *public* toilet rooms, the required lavatory shall be located in the same room as the required water closet.

Exceptions:

1. Public lavatories serving toilet rooms located in school classrooms.
2. Common lavatories in schools may serve separate toilet facilities provided no door exists in the pathways between the lavatories and either toilet facility.

(r) The copper or copper-alloy tubing line of Table 605.3 is amended to read as follows:

Copper or copper-alloy tubing (Type K or WK)	ASTM B 75; ASTM B 88; ASTM B 251; ASTM B 447
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(s) The copper or copper-alloy tubing line of Table 605.4 is amended to read as follows:

Copper or copper-alloy tubing (Type K, WK, L, or WL <sup>a</sup> )	ASTM B 75; ASTM B 88; ASTM B 251; ASTM B 447
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a. When using copper or copper–alloy tubing below grade, Type K or WK shall be used.

(t) Section 608.1 is amended to read as follows:

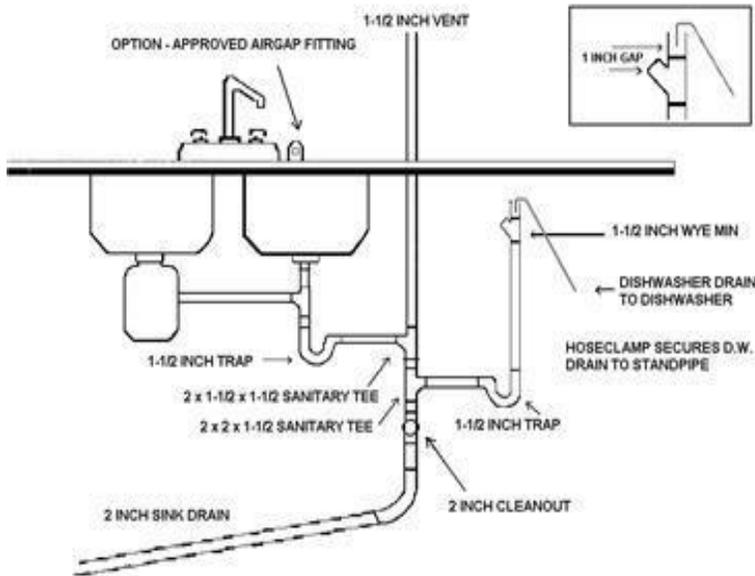
A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from nonpotable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventer applications shall conform to Table 608.1, except as specifically stated in Section 608.1.2 through 608.16.10.

(u) Section 608.17 is deleted in its entirety.

(v) Section 802.1.6.1, entitled Domestic Dishwashing Machines, is added to read as follows:

No domestic dishwashing machine shall be directly connected to a drainage system or food waste grinder without the use of an approved dishwasher air gap fitting on the discharge side of the dishwashing machine. Listed air gaps shall be installed with the flood level (FL) marking at or above the flood level of the sink or drain-board, whichever is higher, or separately trapped with the air gap located on the stand pipe in accordance with Diagram 802.1.6.1.

Diagram 802.1.6.1



(w) Section 903.1 is amended to read as follows:

All open vent pipes that extend through a roof shall be terminated at least 12 inches (304.8 mm) above the roof, except that where the roof is to be used for any purpose other than weather protection, the vent extensions shall extend at least 7 feet (2134 mm) above the roof.

(x) Section 905.2 is amended to read as follows:

All vent and branch vent pipes shall be level or so graded and connected as to drain back to the drainage pipe by gravity.

(y) Section 1002.4 is amended by the addition of a numbered paragraph 4 to read as follows:

4. A trap seal primer valve is not required where the trap seal is protected by a barrier type floor drain trap seal protection device conforming to ASSE 1072.

Amendments to the International Private Sewage Disposal Code.

- (a) Section 101.1 is amended to read as follows:

These regulations shall be known as the Private Sewage Disposal Code of the City of Commerce City, hereinafter referred to as “this code.”

- (b) 101.1.2, entitled “Building Official,” is added to read as follows:

Whenever this code uses the term “code official” it shall mean the “codes & inspections manager.”

- (c) Section 101.2.2, entitled “Interaction with other Standards,” is added to read as follows:

Whenever any county health department, state or federal law or regulation imposes a greater or more restrictive requirement than required by this code, the provisions of those laws or regulations shall govern. Whenever the requirements imposed by this code are greater or more restrictive than the requirements imposed by any other law or regulation or resolution of any governmental body, then the requirements of this code shall govern.

- (d) Section 104.4 is amended to read as follows:

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- (e) Section 106.6 is deleted in its entirety.

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- (g) Section 108.4 is deleted in its entirety.

- (h) Section 108.5 is amended to read as follows:

Upon notice from the code official that work is being done contrary to the provisions of this code or in a dangerous or unsafe manner, such work shall immediately cease. Such notices shall be in writing and shall be given to the owner of the property, the owner’s agent, or the person doing the



work. The notice shall state the conditions under which work is authorized to resume. Where an emergency exists, the code official shall not be required to give a written notice prior to stopping the work. Any person who shall continue any work after having been served with a stop-work order, except such work as that person is directed to perform to remove a violation or an unsafe condition, shall be guilty of a violation of this code.

(i) Section 109 is deleted in its entirety.

END.

