

2015 IPC
Section

Current Mesquite - 2009 International Plumbing Code Amendment

2015 IPC Recommended Amendments

BO
Recommendation

This table does not list amendments in the current code that are being retained in the proposed ordinance.

106.5.3

Amend by deleting Section 105.5 in its entirety and adding a new Section 105.5 to read as follows:

Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 30 days after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 90 days after the time the work is commenced. The building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Approve
This will help keep work moving and have less partially built projects

106.6.2 and
106.6.3

Amend by deleting the sections in their entirety and adding a new Section s106.6.2 and 106.6.3 to read as follows:

1. Section 106.6.2 Fee Schedule. The fees for all plumbing work shall be as adopted by resolution of the governing body of the City of Mesquite 2. Section 106.6.3 Fee Refunds. The Building Official shall establish a policy for authorizing fee refunds. Only the person to whom the City of Mesquite issued the plumbing permit can request a refund. Requests for plumbing permit fee refunds must be in writing, addressed to the Building Official, stating the reason for the refund. Only 80% of the total permit fee will be refunded if work has commenced.

Amend by deleting the sections in their entirety and adding a new Section s106.6.2 and 106.6.3 to read as follows:

1. Section 106.6.2 Fee Schedule. The fees for all plumbing work shall be as adopted by resolution of the governing body of the City of Mesquite
2. Section 106.6.3 Fee Refunds. The Building Official shall establish a policy for authorizing fee refunds. Only the person to whom the City of Mesquite issued the plumbing permit can request a refund. Requests for plumbing permit fee refunds must be in writing, addressed to the Building Official, stating the reason for the refund. ~~Only 80% of the total permit fee will be refunded if work has commenced.~~ No permit fee will be refunded if work has commenced.

Approve
Remove the 80% - Not consistent with other codes.

Amend by deleting the section in its entirety and adding a new section 314.2.1 to read as follows:

314.2.1

Condensate disposal. Condensate from all cooling coils and evaporators shall be conveyed from the drain pan outlet to an approved place of disposal. Condensate shall not discharge in a publicly exposed area such as into a street, alley, sidewalk rooftop or other areas so as to cause a nuisance.

Local amendment not needed - adopt code section as written

Remove 2009 amendment to keep all ICC codes consistent

Amend by deleting the section in its entirety and adding a new Section 314.2.2 to read as follows:

314.2.2

Drain pipe materials and sizes. Components of the condensate disposal system shall be cast iron, galvanized steel, copper, cross linked polyethylene, polyethylene, ABS, CPVC or schedule 80 PVC pipe or tubing when exposed to ultra violet light. All components shall be selected for the pressure, temperature and exposure rating of the installation. Joints and connections shall be made in accordance with the applicable provisions of Chapter 7 relative to the material type. Condensate waste and drain line size shall not be less than $\frac{3}{4}$ inch (19 mm) internal diameter and shall not decrease in size from the drain pan connection to the place of condensate disposal. Where the drain pipes of more than one unit are manifold together for condensate drainage, the pipe or tubing shall be sized in accordance with Table 314.2.2. All sections of drain piping shall be installed in uniform alignment at a uniform slope, if applicable.

Local amendment not needed - adopt code section as written

Remove 2009 amendment. This is covered in the 2015 IPC

Amend by deleting the section in its entirety and adding a new Section 403.1 to read as follows:

Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number as follows:

1.Assembly Occupancies: At least one drinking fountain shall be provided at each floor level in an approved location.

Exception: A drinking fountain need not be provided in a drinking or dining establishment.

2.Groups A, B, F, H, I, M and S Occupancies: Buildings or portions thereof where persons are employed shall be provided with at least one water closet for each sex except as provided for in Section 403.2.

403.1 3.Group E Occupancies: Shall be provided with fixtures as shown in Table 403.1.

4.Group R Occupancies: Shall be provided with fixtures as shown in Table 403.1.

It is recommended, but not required, that the minimum number of fixtures provided also comply with the number shown in Table 403.1. If an occupancy is not listed in Table 403.1, the Building Official shall determine which occupancy most closely resembles the proposed use and apply that number to the occupancy. The number of occupants shall be determined by the International Building Code. Occupancy classification shall be determined in accordance with the International Building Code as adopted.

Local amendment not needed - adopt code section as written

Remove 2009 amendment to stay consistant with the 2015 IBC

Amend by adding a new Section 403.1.3 to read as follows:

403.1.3

Finish material. Finish materials shall comply with Section 1209 of the International Building Code.

Local amendment not needed - adopt code section as written

Remove 2009 amendment. This is not located in the right place - nor is it needed

Amend by deleting the section in its entirety and adding a new Section 409.2 to read as follows:

409.2

Water connection. The water supply to a commercial dishwashing machine shall be protected against backflow by an air gap or backflow preventer in accordance with Section 608.

Local amendment not needed - adopt code section as written

Remove 2009 amendment. This is covered in the 2015 IPC

410.1 Added Local Exception: A drinking fountain need not be provided in a drinking or dining establishment

Local amendment not needed - adopt code section as written

Remove 2009 amendment. Section 410.4 covers this

412.4 Amend by deleting the section in its entirety and adding a new Section 412.4 to read as follows:

Required location. Floor drains shall be installed in the following areas. 1. In public coin-operated laundries and in the central washing facilities of multiple-family dwellings, the rooms containing the automatic clothes washers shall be provided with floor drains located to readily drain the entire floor area. Such drains shall have a minimum outlet of not less than three inches (76mm) in diameter. 2. Commercial kitchens. Floor sinks may be used in commercial kitchens as a substitute to floor drains.

Add 3. Public Restrooms

Approve
Added for Health

417.5 Amend by deleting the section in its entirety and adding a new Section 417.5 to read as follows:

Shower floors or receptors. Floor surfaces shall be constructed of impervious, non-corrosive, non-absorbent and waterproof materials. Thresholds shall be a minimum of two inches (51 mm) and a maximum of nine inches (229 mm), measured from top of the drain to top of threshold or dam. Thresholds shall be of sufficient width to accommodate a minimum 22-inch (559 mm) door.

Local amendment not needed - adopt code section as written

Remove 2009 amendment. This is covered in the 2015 IPC

Amend by deleting the section in its entirety and adding a new Section 417.52 to read as follows:

417.5.2

Shower lining. Floors under shower compartments except where prefabricated receptors have been provided shall be lined and made watertight utilizing material complying with Sections 417.5.2.1 through 417.5.2.5. Such liners shall turn up on all sides at least three inches (76 mm) above the finished threshold level and shall extend outward over the threshold and fastened to the outside of the threshold jamb. Liners shall be recessed and fastened to an approved backing so as not to occupy the space required for wall covering, and shall not be nailed or perforated at any point less than one inch (25 mm) above the finished threshold. Liners shall be pitched $\frac{1}{4}$ inch unit vertical in 12 units horizontal (two percent slope) and shall be sloped towards the fixture drains and be securely fastened to the waste outlet at the seepage entrance making a watertight joint between the liner and the outlet.

Local amendment not needed - adopt code section as written

Remove 2009 amendment.
This is covered in the 2015 IPC

Amend by adding a new Section 417.7 to read as follows:

417.7

Test for shower receptors. Shower receptors shall be tested for water tightness by filling with water to the level of the rough threshold. The drain shall be plugged in a manner so that both sides of the pans shall be subjected to the test at the point where it is clamped to the drain.

Local amendment not needed - adopt code section as written

Remove 2009 amendment. Tests now in Section 312.9 and are acceptable so no amendment is needed

Amend by deleting the section in its entirety and adding a new Section 419.3 to read as follows:

419.3

Surrounding material. Wall and floor space to a point two feet (610 mm) in front of a urinal lip and four feet (1,219 mm) above the floor and at least two feet (610 mm) to each side of the urinal shall be waterproofed with a smooth, readily cleanable, hard, non-absorbent material.

Local amendment not needed - adopt code section as written

Remove 2009 amendment.
This is covered in the 2015 IPC

504.6

Added to a new section 504.6 with only change to 5. Discharge to an indirect waste receptor or to the outdoors. Where discharging to the outdoors in areas subject to freezing, discharge piping shall first be piped to an indirect waste receptor through an air gap located in a conditioned space.

Local amendment not needed - adopt code section as written

Remove 2009 amendment.
This is covered in the 2015 IPC

504.7.1

Amend Section 504.7.1 by adding a sentence to the end to read:

Multiple pan drains may terminate to a single discharge piping system when approved by the administrative authority and permitted by the manufactures installation instructions and installed with those instructions.

Approve

608.16.5

Amend by deleting the section in its entirety and adding a new Section 608.16.5 to read as follows;

Minimum standards for landscape irrigation systems. The landscape irrigation rules promulgated by the Texas Commission on Environmental Quality and contained in Title 30, Chapter 344, Subchapters E and F, §§ 344.50—344.65 of the Texas Administrative Code, as the same may be from time to time amended, are hereby adopted by reference as the landscape irrigation rules of the City. Lawn Irrigation systems. The potable water supply system to lawn irrigation systems shall be protected against backflow by a testable device to include a pressure-type vacuum breaker, a double-check assembly or a reduced-pressure principal backflow preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principal backflow preventer of approved materials. All non-residential lawn irrigation systems shall be protected by a reduced-pressure principal backflow preventer.

Amend by deleting the section in its entirety and adding a new Section 608.16.5 to read as follows;

Minimum standards for landscape irrigation systems. The landscape irrigation rules promulgated by the Texas Commission on Environmental Quality and contained in Title 30, Chapter 344, Subchapters E and F, §§ 344.50—344.65 of the Texas Administrative Code, as the same may be from time to time amended, are hereby adopted by reference as the landscape irrigation rules of the City. Lawn Irrigation systems. The potable water supply system to lawn irrigation systems shall be protected against backflow by a testable device to include a pressure-type vacuum breaker, a double-check assembly or a reduced-pressure principal backflow preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principal backflow preventer of approved materials. All non-residential lawn irrigation systems shall be protected by a reduced-pressure principal backflow preventer.

Approve
Removed Pressure
Type Vacuum
Breaker

703.6

Delete Section 703.6 Combined Sanitary and Storm Public Sewers

Approve

704.5	<p>Added Section 704.5 to read as follows:</p> <p>Single stack fittings. Single stack fittings with internal baffle, PVC schedule 40 or cast iron single stack shall be designed by a registered engineer and comply to a national recognized standard</p>	Approve
<p>Amend by deleting the sections in their entirety and adding new Sections 714 and 714.1 to read as follows:</p> <p>714 and 714.1</p> <ol style="list-style-type: none"> Section 714 Engineered Drainage Design. Section 714.1 Design of drainage systems. The sizing requirements for plumbing, drainage systems shall be determined by approved methods. 	<p>Amend Section 714 and 714.1 to read as follows:</p> <p>Section 714 ENGINEERED DRAINAGE DESIGN</p> <p>714.1 Design of drainage system. The sizing, design and layout of the drainage system shall be designed by a registered engineer using approved design methods.</p>	Approve
<p>Amend by adding a sentence at the end of the paragraph of Section 802.4 to read as follows:</p> <p>802.4</p> <p>No standpipe shall be installed below the ground.</p>	<p><i>Local amendment not needed - adopt code section as written</i></p>	<p>Remove 2009 amendment. This is not allowed anywhere</p>
<p>Amend the section by deleting the exception</p> <p>906.1</p>	<p><i>Local amendment not needed - adopt code section as written</i></p>	<p>Remove 2009 amendment. Does not exist in the 2015 IPC</p>
<p>Amend by deleting the section in its entirety and adding a new Section 912.1 to read as follows:</p> <p>912.1</p> <p>Type of fixtures. A combination drain and vent system shall not serve fixtures other than floor drains, standpipes and indirect waste receptors. Combination drain and vent systems shall not receive the discharge of a food waste grinder.</p>	<p><i>Local amendment not needed - adopt code section as written</i></p>	<p>Remove 2009 amendment. Include in 2015 Section 915.1</p>
917	<p>Amend by deleting the section in its entirety (single stack vent systems)</p>	Approve
1002.1	<p><i>Local amendment not needed - adopt code section as written</i></p> <p>Amend by deleting this section in its entirety</p>	Approve Section has changed

