

Date: January 1, 2011

**Significant Changes in the 2010 California Plumbing Code
 (based upon the 2009 Uniform Plumbing Code)**

The following list of changes is not inclusive, but does include those felt to have the most impact on plumbing installations. Please refer to the particular section for the complete text. These requirements will become effective in the City of Pleasanton on January 1, 2011.

Section	Description
Chapter 1	Division II not adopted by City of Pleasanton.
204	New Bathroom Group definition.
207	Excess Flow Valve definition- "activate" vs. "close."
209	Grease Trap definition deleted; new terms are gravity grease interceptor, hydromechanical grease interceptor, GRD, or FOG disposal system.
225	Water Hammer Arrester definition modified.
301.4	Design Approval and Design Review- clarifications.
310.2	Solvent cement added to the list of prohibited crack concealment methods.
311.11	Plastic piping not exposed within room if flame spread rating exceeds 75.
316.1.6(2)	Low VOC one-step cement required on CPVC in residential installations.
316.1.10	Push-fit Fittings.
316.1.11	Heat Fusion Weld Joints.
316.2.4	Dielectric unions required on dissimilar metal piping connections in residential installations.
Table 3-2	Hangers and Support Table- added polypropylene (PP) requirements.
402.3.3	Nonwater urinals require water rough-in in residential installations.
402.2	1.28g per flush water closets required in residential installations. 7/1/2011
402.3.2	0.5g per flush urinals required in residential installations. 7/1/2011
405.2	All trough urinals prohibited.
406.5	Minimum 2" high jet of water on drinking fountains. (4" per CBC 1117B.1)
411.2	Floor drain required in commercial kitchens, and as per Section 704.3.
411.7	Shower area exception (overall dimensions of 30 x 60).
411.8	Shower lining required behind permanent built-in shower seats.
412.1	City amendment allows designer to use CBC Ch. 29 for minimum fixture count.
413.1	Requires ASSE 1070 or CSA 125.3 device to limit all public use lavatories, bathtubs, whirlpools, and bidets to 120 degrees F.
Ch 5	Correlates with Uniform Mechanical Code (NFPA 54).
508.2	Water heater anchoring requirements from H&SC 19211(A).
510.7.4.1	Single-wall vents are prohibited in dwellings and residential occupancies.
601.2	Potable and non-potable water marking requirements when both systems are installed within building.
Table 6-2	Backflow Prevention Devices Table- rewritten.

Table 6-4	Water Piping Materials Table- now includes referenced standards.
604.8	Underground plastic water service piping requires tracer wire.
608.2	Strainer no longer required on pressure regulator >1½"; expansion tank required downstream of regulator, or max 100 psi pressure relief valve on engineered systems.
609.10	Water hammer arrester requirements (not adopted by HCD or City).
Table 7-1	Drain, Waste & Vent Materials Table- now includes referenced standards.
701.1.2	ABS, PVC limited to two stories in residential installations.
701.1.6	Cast iron piping shall be marked with country of origin.
702.1	Drainage fixture units may be based on trap and trap arm size.
Table 7-3	Laundry and special purpose sinks require 2" drain (allowed 1½" trap).
710.1	Cleanouts for drains that pass through a backwater valve must be labeled.
710.3.3.1	Minimum 2" diameter discharge from a sewage ejector sump serving a water closet in a residential installation.
715.3	Trenchless sewer replacement requirement per IAPMO IS-26.
723.0	Air test prohibited on plastic building sewer piping.
811.2	CPVC added as allowable material for acid or chemical waste piping.
903.1	Malleable iron vent piping must be galvanized.
908.2	Horizontal wet venting requirements for bathroom groups.
Table 10-1	New minimum distance (2x diameter) in Trap Arm Length Table.
1004.1	Bladders, check valves, and moveable-part devices prohibited for traps.
Table 10-2	Hydromechanical Grease Interceptor sizing.
1014.2	Flow control requirement on hydromechanical grease interceptors.
1106.4	Clarification of roof drain sizing for roof areas with adjacent walls of unequal height.
Table 11-1	New Vertical Rainwater Pipe Sizing Table.
1209.5.8.2	Pressure-connect fittings per ANSI LC-4; coordinates with NFPA 54.
1211.15	Bonding and grounding requirements for gas piping.
1212.7	Sediment trap required downstream of appliance shut-off valve.
Table 12-7	Deleted 0.3" w.c. pressure drop table in favor of Table 12-8 (0.5").
Ch 12	Added Equivalent Hydraulic Diameter (EHD) to CSST tables.
Ch 13	Correlated with NFPA 99.
Table 14-1	New Referenced Standards Table.
Ch 15	Firestop protection- not adopted.
Ch 16A	Part I (HCD- graywater); Part II (DWR & City of Pleasanton- recycled water).

Appendices

Appendices A, B, D, G, I and K, adopted by the State of California.

Appendix L, adopted by City of Pleasanton.

These requirements will become effective for all construction permitted in the City of Pleasanton after January 1, 2011.