



Building Division

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2006 *International Plumbing Code*[®]

The City and County of Broomfield Building Division has adopted the 2006 *International Plumbing Code*[®], effective February 28, 2008. **This handout will summarize the major changes in the 2006 IPC compared to the previously adopted 2003 IPC.**

1. *2006 International Residential Code*[®] Section P2601.1 now clarifies that any plumbing installations not addressed by this code shall comply with the applicable provisions of the IPC.
2. Section 310 .5 is a new section that requires stalls or partitions to provide privacy at public or employee urinals, with exceptions only for single occupant toilet rooms with lockable doors and for one urinal in day care and child care facilities.
3. Section 314 .2.3, item #4 has been added as a method of providing auxiliary and secondary drain systems for condensate disposal. Also added is the required standard, UL 508, for water level detection devices that are provided to shut off the equipment served in the event that the primary drain is blocked.
4. Section 314 .2.3.1 adds a water level monitoring device to be installed at the primary drain pan on downflow type units where a secondary drain cannot be installed.
5. Table 403.1 has added footnote *d*, which requires the occupant load for seasonal outdoor seating and entertainment areas to be included when determining the minimum number of plumbing facilities.
6. Section 403.4 has combined and reorganized the previous Sections 403.4, 403.5, and 403.6. The only major change to this section is that the accessible route to public facilities shall not pass through kitchens, storage rooms, closets, or similar spaces.
7. Section 406.3 now allows automatic clothes washers that discharge by gravity to drain into a waste receptor or an approved trench drain.
8. Section 408.3 is an added section to limit the discharge water temperature of a bidet to a maximum of 110 degrees F by a temperature limiting device conforming to ASSE 1070.
9. Section 412.2 has deleted the requirement that the floor drain strainer waterway area is not less than the area of the tailpiece.
10. Section 416.5 has been added to require that tempered water for public hand washing facilities shall be delivered through a temperature limiting device that conforms to ASSE 1070.

11. Section 417.4 adds a new exception that allows 25" minimum dimension of shower compartment, provided minimum cross sectional area of 1,300 square inches is provided.
12. Section 417.4.2 now requires shower access doors to have minimum opening width of 22".
13. Section 419.2 allows 67% of water closets to be substituted by urinals in assembly and educational occupancies and now allows only **50%** substitution in all other occupancies.
14. Section 421.5 has added requirements for access to whirlpool tub pumps to be provided in accordance with the manufacturer. If not specified by the installation instructions, a 12"x12" access shall be provided. Locations where the pump is located more than 2' from the access shall provide an 18"x18" minimum sized opening. All access openings shall be unobstructed and of sufficient size to permit the removal and replacement of the pump.
15. Section 424.3 now specifically prohibits inline thermostatic mixing valves on shower or tub-shower valves.
16. Section 424.4 is an added section regulating multiple gang shower balance-pressure/thermostatic mixing valves.
17. Section 424.5 adds a temperature limiting device required at whirlpool and bathtubs except where protection is otherwise provided by tub/shower valve per Section 424.3.
18. Section 504.6 has been reorganized and now lists the requirements for water heater relief discharge piping in items 1 through 13.
19. Section 504.7.1 adds the requirement that piping for water heater pan drain shall be as listed in Table 605.4.
20. Section 607.1 now notes that tempered water shall be supplied through a water temperature limiting device that conforms to ASSE 1070.
21. Section 608.16.10 is added to require back flow preventers for coffee machines and non-carbonated beverage dispensers that shall conform to ASSE 1022.
22. Table 709.1 has added line items for service sinks and non-water supplied urinals required drainage fixture units.
23. Table 906.1 has been simplified so that the maximum distance of fixture trap from vent matches the corresponding table in the 2006 IRC.
24. Section 1002.1 now allows a 30" horizontal offset from the fixture outlet to the trap weir.
25. Section 1003.4 now requires oil separators to be installed at hydraulic elevator pits.