

COMMITTEE ACTIONS
ON
2009 PROPOSED CHANGES
TO
THE 2009 NATIONAL STANDARD PLUMBING CODE

1 July 2010

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Chairman, NSPC Committee

The following proposed code changes were reviewed by the National Standard Plumbing Code Committee at the Public Hearing held on March 25, 2010 at the Atlantic City Hilton Hotel in Atlantic City, NJ. Those proposals that were accepted will be published in the 2010 Supplement to the 2009 National Standard Plumbing Code.

- 09-01 Accepted: ADM 1.5.2. Deletes the provision that the Authority Having Jurisdiction can approve an alternate material or method of installation that conforms to nationally accepted plumbing standards but not this Code.

- 09-02 Withdrawn: ADM 1.12.2. Due to the committee action on 09-84.

- 09-03 Withdrawn: ADM 1.12.2. Due to the committee action on 09-84.

- 09-04 Withdrawn: Due to committee action on 09-84. Would add a definition of "graywater" in Section 1.2.

- 09-05 Withdrawn: Due to committee action on 09-84. Would add a definition of "graywater" in Section 1.2.

- 09-06 Failed for lack of a second: Would add the definition of "air admittance valve" in Section 1.2.

- 09-07 Tabled for further study: Would delete the definition of "potable water dead ends" in Section 1.2.

- 09-08 Accepted: Clarifies the definition of "DWV" in Section 1.2.

- 09-09 Accepted: Clarifies the definition of "equivalent length" in Section 1.2.

- 09-10 Withdrawn: A proposal to clarify the definition of "existing plumbing system" in Section 1.2.

- 09-11 Withdrawn: A proposal to clarify the definition of "existing work" in Section 1.2.

- 09-12 Accepted as amended: Clarifies the definition of "flush valve" in Section 1.2.
- 09-13 Accepted: Adds a definition of "foundation drain" in Section 1.2.
- 09-14 Accepted: Clarifies the definition of "ground water" in Section 1.2.
- 09-15 Accepted: In Section 1.2, deletes the definition of "load factor" which is not currently used in the NSPC.
- 09-16 Accepted: Adds "ground joint compression ring" in the definition of "slip joint" in Section 1.2.
- 09-17 Withdrawn: A proposal to add "urinals" in the definition of "toilet facility" in Section 1.2.
- 09-18 Failed for lack of a second: Would add a non-consensus standard for non-water urinals to the definition of "trap" in Section 1.2.
- 09-19 Tabled for further study: Would clarify the definition of "water main" in Section 1.2.
- 09-20 Accepted: In Note 1 to Table 2.3.1, prohibits short radius fittings in horizontal offsets in drainage stacks.
- 09-21 Accepted as amended: Adds "back-to-back pressure-assisted water closets" to the exceptions for the use of double pattern drainage fittings in Section 2.3.2.
- 09-22 Tabled for further study: In Section 2.23, would delete the requirement to avoid dead ends in potable water piping.
- 09-23. Accepted: In Section 2.25.1.h, permits sealed floor openings for vent pipes for bathtubs and whirlpool baths above food handling establishments and food handling areas in buildings.
- 09-24 Accepted: Adds Section 2.27 to clarify the requirements for labeling potable and non-potable water piping.
- 09-25 Accepted: Adds Section 2.28 for NFPA 13D multipurpose residential fire sprinkler systems that comply with Section 10.20.
- 09-26 Failed for lack of a second: Would define acronyms in Table 3.1.3, but they are listed in Section 3.1.3.
- 09-27 Accepted: Updates nine (9) standards in Table 3.1.3 - Part I.

- 09-28 Accepted: Updates three (3) standards in Table 3.1.3 - Part II.
- 09-29. Tabled for further study: Would delete ASTM D2623 from Table 3.1.3 - Part III, Table 3.4, and Table 3.4.2 if it is not rated for potable water.
- 09-30 Accepted: Updates thirty (30) standards in Table 3.1.3 - Part III.
- 09-31 Accepted in part: Adds ASTM F2769 to Table 3.1.3 - Part III and Table 3.4.3. See action on 09-32.
- 09-32 Accepted as amended: Adds ASTM F2769 to Table 3.4.
- 09-33 Accepted: Adds ASTM F2735 plastic insert fittings to Table 3.1.3 - Part III and Table 3.4.
- 09-34 Accepted: Adds ASTM F2159 plastic insert fittings to Table 3.1.3 - Part III and Table 3.4.
- 09-35 Accepted: Adds ASTM A746 ductile iron gravity sewer pipe to Table 3.5.
- 09-36 Accepted: Adds ASTM A746 ductile iron gravity sewer pipe to Table 3.1.3.
- 09-37 Accepted: Adds ASTM F2618 to Table 3.1.3 - Part III for CPVC schedule 40 chemical waste drainage piping.
- 09-38 Accepted: Adds ASTM F2618 to Tables 3.5 and 3.6 for CPVC schedule 40 chemical waste drainage piping.
- 09-39 Accepted: Updates twelve (12) standards in Table 3.1.3 - Part IV.
- 09-39a Accepted: Updates four (4) standards in Table 3.1.3 - Part IV.
- 09-40 Accepted: Updates twenty (20) standards in Table 3.1.3 - Part V.
- 09-41 Accepted: Adds standards for macerating toilet systems to Table 3.1.3 - Part V.
- 09-42 Accepted: Corrects the standard for vitreous china non-water urinals in Table 3.1.3 - Part V.
- 09-43 Defeated: Would add a non-consensus standard for non-water urinals to Table 3.1.3 - Part V.
- 09-44 Accepted: Updates six (6) standards in Table 3.1.3 - Part VI.

- 09-45 Accepted: Updates eighteen (18) standards in Table 3.1.3 - Part VII.
- 09-46 Accepted: Updates six (6) standards in Table 3.1.3 - Part VIII.
- 09-47 Failed for lack of a second: Would add ASSES 1050 and ASSE 1051 for air admittance valves to Table 3.1.3 - Part VIII.
- 09-48 Accepted: Updates five (5) standards in Table 3.1.3 - Part IX.
- 09-49 Accepted: Updates twelve (12) standards in Table 3.1.3 - Part X.
- 09-50 Accepted: Updates eight (8) standards in Table 3.1.3 - Part XI.
- 09-51 Accepted: Adds ASME A13.1 for identification of piping systems to Table 3.1.3 - Part XI.
- 09-52 Accepted: Adds Section 3.1.5 with the scope of NSF 61 for the health effects of drinking water components.
- 09-53 Accepted: Deletes withdrawn standard ASTM D2282 from Table 3.4.
- 09-54 Accepted: Deletes withdrawn standard ASTM D2282 from Table 3.4.2.
- 09-55 Accepted as amended: Permits metallic or plastic insert fittings for plastic tubing in Section 3.4.4.
- 09-56 Accepted as amended: Adds ASTM A716 ductile iron culvert pipe to Table 3.1.3 - Part I, Table 3.5 and Table 3.7.
- 09-57 Accepted: Clarifies the requirements for separate chemical waste drainage systems handling separate chemical waste in Section 3.11.4.
- 09-58 Accepted: Clarifies the requirements for cement mortar joints in Section 4.2.9.
- 09-58a Accepted as amended: Requires corrosion resistant metallic shielded couplings for no-hub cast iron soil pipe and fittings in Section 4.2.11.2.a.
- 09-58b Accepted: Mechanical unshielded couplings using thermoplastic elastomeric gaskets are not permitted for joining hubless cast-iron soil pipe and fittings in Section 4.3.8.d.
- 09-59 Defeated: Would prohibit lead caulked joints in solid wall plastic pipe and fittings in Section 4.3.9.
- 09-60 Accepted: Clarifies that traps seals need to be liquid, but not necessarily water in Section 5.1.a.

- 09-61 Accepted: Clarifies that the waste outlets of combination fixtures that connect to a single trap must be within 30 inches of the trap inlet in the Exceptions to Section 5.1.
- 09-62 Failed for lack of a second: Would have permitted a urinal with a non-consensus standard in Section 5.1.
- 09-63 Failed for lack of a second: Would have permitted a urinal with a non-consensus standard in Section 5.3.2.
- 09-64 Failed for lack of a second: Would have permitted a urinal with a non-consensus standard in the Exceptions to Section 5.3.5.a.1.
- 09-65 Accepted: Clarifies where cleanouts are required in rain leaders and conductors in Section 5.4.5.c.
- 09-66 Withdrawn: To clarify where backwater valves are required in Section 5.5.1.b.
- 09-67 Accepted: In Section 6.1.3, permits non-grease discharges into grease interceptors where permitted in Section 6.2.1.e.
- 09-68 Accepted as amended: In Section 6.2.1.e & f, clarifies where non-grease discharges are permitted into grease interceptors and where air gaps are required.
- 09-69 Tabled for further study: In Section 6.2.5.b, would require solids separators where food waste grinders discharge to a gravity grease interceptor.
- 09-70 Accepted: In Section 6.2.10.a, permits grease interceptors to be sized according to PDI G101 or Table 6.2.10.
- 09-71 Accepted: In Section 7.4.3, clarifies the requirements for water closet bowls and seats.
- 09-72 Failed for lack of a second: Would have permitted a urinal with a non-consensus standard in Section 7.5.1.
- 09-73 Defeated: Would have required water piping to be roughed-in for non-water urinals.
- 09-74 Failed for lack of a second: Would have required water piping to be roughed-in for non-water urinals.
- 09-75 Accepted: Adds the requirement for the elevation of the rims of wall-hung urinals for accessible use in Section 7.5.5.

- 09-76 Accepted: In Section 7.10.3, mixed water temperature control valves that serve shower heads rated for less than 2.5 gallons per minute must be rated for the lower flow rate of the shower head, or less.
- 09-77 Accepted: In Section 7.10.4, clarifies the required sizes of shower drain outlets serving multiple shower heads based on the total water flow.
- 09-78 Withdrawn: Would have required latchable doors on toilet facilities serving one person, which was considered to be a building code issue.
- 09-79 Accepted: Clarifies where urinals can be substituted for required water closets in Section 7.21.5.a.
- 09-80 Accepted as amended: In Section 7.21.7, clarifies the requirements for remote toilet facilities in mercantile and business occupancies serving customers.
- 09-81 Accepted as amended: In Section 7.21.8, clarifies the requirements for toilet facilities in food service establishments with occupant loads exceeding 100 customers.
- 09-82 Accepted: Clarifies the requirements for indirect waste piping in Sections 9.1.1 and 9.1.3.
- 09-83 Accepted: In Section 9.2.4, deletes the requirement that provisions for cleaning indirect waste piping be "readily accessible". Provisions can be "accessible" and require the use of tools.
- 09-84 Accepted as amended: Adds requirements for reclaimed non-potable water, graywater, and harvested rainwater to Section 10.1, Section 10.3, Appendix G, Section 1.2, and Section 4.3.7.
- 09-85 Accepted: Deletes Section 10.2 on the identification of potable and non-potable water. Refer to 09-24 for requirements for identifying water piping.
- 09-86 Withdrawn: Due to the action on 09-85 and 09-24 regarding the identification of water piping.
- 09-87 Accepted: Clarifies the requirements for air gap distances in Section 10.5.2.a.
- 09-88 Defeated: In Section 10.5.6.b, would add references to Certificates of Occupancy in the requirements for testing backflow prevention devices.
- 09-89 Withdrawn: In favor of 09-99 for NFPA 13D multipurpose residential sprinkler systems.

- 09-90 Accepted: In Section 10.6.4.b, requires that wall sleeves for plastic water service pipe extend outside to undisturbed earth or equivalent support.
- 09-91 Accepted: Clarifies the requirements for potable water inlets to gravity water tanks in Section 10.8.5.
- 09-92 Accepted: Adds Section 10.9.3 which does not require that existing potable water piping be flushed and disinfected if it can be isolated from new additions while the additions are flushed and disinfected.
- 09-93 Accepted: In Section 10.14.1, adds the requirement that the velocity in copper hot water piping be limited to 5 feet per second.
- 09-94 Accepted: Adds PDI WH201 to the standards for water hammer arrestors in Section 10.14.7.a.
- 09-95 Defeated: Would have limited the hot water discharge to bidets to 120 deg F in Section 10.15.6.c. The amount of discussion warrants further consideration for the 2012 NSPC.
- 09-96 Accepted: Adds Section 10.15.6.j, which requires check valves where mixed water temperature devices supply outlets downstream that can be shutoff.
- 09-97 Defeated: Would have prohibited water heater drain pans from discharging to the adjacent floor and allowed P&T relief valves to discharge into the drain pans.
- 09-98 Accepted: Clarifies the requirements for vacuum relief valves on water heaters in Section 10.16.7.
- 09-99 Accepted: Adds Section 10.20 with requirements for NFPA 13D multipurpose residential fire sprinkler systems.
- 09-100 Accepted: Adds Section 10.21 with requirements for non-potable water piping, including approval for use, potable water compliance, identification and labeling, and posted warnings on outlets.
- 09-101 Accepted: Adds drainage fixture unit values (DFU) to Table 11.4.1 for 3 or more dwelling units with more than 1 bathroom group.
- 09-102 Accepted: Clarifies that domestic dishwashers in Table 11.4.1 having an independent drain require a 1-1.2" trap.
- 09-103. Tabled for further study: Would reorganize and update Section 11.7 for sewage pumping.

- 09-104 Accepted as amended: Changes the title of Section 11.7 to "Grinder Pump Ejectors".
- 09-105 Defeated: Would have permitted back-outlet water closets to be battery vented.
- 09-106 Accepted: Deletes the exception to Section 12.16.1 that referred to other provisions of the Code, which do not exist.
- 09-107 Defeated: Would have added Section 12.20 for air admittance valves.
- 09-108 Withdrawn: Would require traps for roof drains in locations where vent terminals are permitted.
- 09-109 Accepted: Clarifies the requirements for connecting storm water drainage and sanitary drainage to combined building drains or sewers.
- 09-110 Withdrawn: To clarify in the Exceptions to Section 15.6 where compressed gas or compressed air can be used to test plastic water supply piping.
- 09-111 Failed for lack of a second: Would delete the definition of "air admittance valves" in Section E.8 if 09-107 had been accepted.
- 09-112 Accepted: In Section F.2, updates the list of sections in the Code that require action by the Adopting Agency.
- 09-113 Withdrawn: Would add collected rain water to graywater in Appendix G.
- 09-114 Withdrawn: Would add collected rain water to graywater in Appendix G.
- 09-115 Withdrawn: In Appendix G, would require that graywater systems be installed by master plumbers or their employees.
- 09-116 Withdrawn: In Appendix G, would require that graywater systems be installed by master plumbers or their employees.