
NONWATER-SUPPLIED URINAL FIXTURES

IR P-1

References:

California Code of Regulations (CCR), Title 24, Part 5:
2001 California Plumbing Code (CPC), Sections 301.2, 401.1, 406.2
2007/2010 CPC, Sections 301.2, 401.1, 405.2
CCR, Title 24, Part 1: California Administrative Code, Section 4-304
Health & Safety Code Section 17921.4
American Society of Mechanical Engineers (ASME)
A112.19.19-2006 – Vitreous China Nonwater Urinals

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Discipline: Structural

This Interpretation of Regulations (IR) is intended for use by the Division of the State Architect (DSA) staff, and as a resource for design professionals, to promote more uniform statewide criteria for plan review and construction inspection of projects within the jurisdiction of DSA which includes State of California public elementary and secondary schools (grades K-12), community colleges and state-owned or state-leased essential services buildings. This IR indicates an acceptable method for achieving compliance with applicable codes and regulations, although other methods proposed by design professionals may be considered by DSA.

This IR is reviewed on a regular basis and is subject to revision at any time. Please check the DSA web site for currently effective IRs. Only IRs listed in the document at www.dgs.ca.gov/dsa/publications at the time of plan submittal to DSA are considered applicable.

Scope: This Interpretation of Regulations (IR) document establishes requirements for nonwater-supplied urinal fixtures specified in project construction plans and specifications for installation in California public schools and state-owned buildings under Department of General Services (DGS) jurisdiction.

1 Application:

- 1.1 Public Schools:** The design professional in general responsible charge (i.e. project architect) of the design of the school construction project shall consult with the school district regarding installation and maintenance requirements for the proposed nonwater-supplied urinal fixtures. The nonwater-supplied urinal fixtures, installation, and maintenance must comply with the requirements noted in Sections 2, 3, and 4 below.
- 1.2 State-Owned Buildings:** The design professional in general responsible charge (i.e. project architect) of the state building project design shall consult with the Department of General Services regarding installation and maintenance requirements for the proposed nonwater-supplied urinal fixtures. The nonwater-supplied urinal fixtures, installation, and maintenance must comply with the requirements noted in Sections 2, 3, and 4 below.

2 Fixture Requirements:

- 2.1 Performance:** Nonwater-supplied urinal fixtures must meet the performance, testing, and labeling requirements of ASME A112.19.19-2006.
- Fixtures must comply with applicable accessibility provisions of the California Plumbing Code and California Building Code.
- 2.2 Listing:** Fixtures, including all components, shall be listed by an American National Standards Institute (ANSI) accredited third-party certification agency to ASME 112.19.19-2006. Evidence of this listing shall be included with the construction documents submitted to DSA with each project application. A recognized agency listing [e.g. International Code Council-Evaluation Service (ICC-ES), International Association of Plumbing and Mechanical Officials (IAPMO) Research and Testing, Inc.]

may be referenced in the project construction plans and/or specifications to fulfill this requirement.

- 2.3 Identification:** Nonwater-supplied urinal fixtures and each visible component shall be permanently marked as required in Section 4 of ASME A112.19.19.
- 2.4 Trap Seal:** Nonwater-supplied urinal fixtures must provide a trap seal that complies with the California Plumbing Code. This trap must permit the uninhibited flow of waste through the urinal to the sanitary drainage system. This trap must be installed and maintained in accordance with the urinal fixture manufacturer's instructions.
- 3 Fixture Installation:** A water supply rough-in to the urinal fixture location shall be provided. Water distribution and fixture supply piping sized to accommodate a water-fed urinal shall be installed to an in-wall location immediately adjacent to the urinal fixture.
- 4 Fixture Maintenance:** Nonwater-supplied urinal fixtures shall be cleaned and maintained in accordance with the manufacturer's instructions.