

CERTIFICATION Notice

An Urgent Bulletin from CSA Group

Plumbing Product No. 308

Effective Date: July 25, 2019

Date: September 24, 2018

Apply Before January 25, 2019

Announcing: Publication of ASME A112.19.2-2018/CSA B45.1-18 Ceramic Plumbing Fixtures

See Attachment 1 for affected Class Numbers.

To purchase the Standard, visit us at store.csagroup.org

Who is affected?

Manufacturers of ceramic plumbing fixtures.

What do you do?

1. CSA Group Service Delivery staff will contact you to address compliance with each revision as applicable to the product designs covered in your affected Certification Reports. In addition to updates to your Certificate(s) of Compliance & Report(s), testing may be required to comply with these revisions.
2. Please respond within thirty (30) days of receiving CSA Group's "Application for CSA Certification Services" and "Quotation" communication. You must respond no later than January 25, 2019 in order to guarantee the update to your certification is completed by July 25, 2019. If testing is needed, we will inform you of the samples required.

Approvals:

This is the third edition of ASME A112.19.2/CSA B45.1, Ceramic plumbing fixtures. It was prepared by the ASME/CSA Joint Harmonization Task Group on Plumbing Fixtures, under the jurisdiction of the ASME Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Plumbing Fixtures. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Construction and Civil Infrastructure. This Standard was approved as an American National Standard by the American National Standards Institute on June 15, 2018.

Major Revisions:

Major revisions in this edition include additional requirements for thin-wall lavatory, revised overflow requirements for lavatories, sinks, and bathtubs, updated granule size for granule and ball test, removed mixed media test and rewording of the waste extraction test. Please see attachment 2 for details.

For questions specific to your file or products contact your CSA Group technical staff associate.

Go to <http://www.csagroup.org/services/testing-and-certification/product-listing/> and enter your Master Contract # and the class numbers associated with this Notice to determine which of your products are affected.

For technical questions on this Certification Notice

Contact Duncan Liang
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or e-mail duncan.liang@csagroup.org

The standard edition or amendments announced in this Notice may be used for certification as of the date of issue of this Notice. The "Effective date" in this Notice is the date on which the current requirements, applicable to Certified products listed in the affected class numbers, expire and the standard edition or amendments announced in this Notice become the only requirements that may be used for certification.

In the event that currently certified products do not comply with the latest requirements outlined in this Notice after the "effective date", the certification of such models may be discontinued.



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ATTACHMENT 1

Affected Class Numbers

Class No:

6911 01, PLUMBING FIXTURES - Ceramic
 6911 02, PLUMBING FIXTURES - Ceramic - Low Consumption Type
 6911 04, PLUMBING FIXTURES - Ceramic
 6911 05, PLUMBING FIXTURES - Ceramic
 6911 81, PLUMBING FIXTURES - Vitreous China - Certified to US Standards
 6911 85, PLUMBING FIXTURES - Ceramic - Certified to US Standards
 6918 01, PLUMBING FIXTURES - Special Purpose Water Closets

ATTACHMENT 2

Major Revisions

Clause(s)	Changes
1.1	The subset of sinks is reorganized and aligned with other plumbing fixture standards.
2	Reference publications updated.
3.1	Added thin-wall lavatory as a subset of the lavatory. The definition for High-efficiency water closet modified to include effective flush volume for dual flush water closet.
4.1.1	The material thickness less than 6mm (0.25 in) allowed when meeting requirement in clause 4.8.1.4.
4.3.2	Overflows requirement for lavatories and sinks outlined in 4.3.2.1 Overflows requirement for bathtubs outlined in 4.3.2.2
4.3.2.1	Overflows may be provided at the option of the manufacturer. When overflows are provided, the manner in which they are positioned shall be at the option of the manufacturer. When provided, overflows in sinks intended for dishwashing and food preparation (e.g., kitchen and bar sinks) shall not be concealed and shall be accessible for disassembly and cleaning after installation. Overflows shall comply with Clause 6.6.
4.3.2.2	Overflows in bathtubs may be provided at the option of the manufacturer. When overflows are provided, their dimension, location, and position in relation to the waste outlet in the fixture shall be as shown in Figure 8. Variations in location, geometry, diameter, and angle of orientation of the overflow opening shall be acceptable when factory-provided waste and overflow fittings are used. Note: Some plumbing codes require bathtub overflows.
4.7.3	Spuds size of ½ removed and reference of CSA B125.3 removed.
4.8.1.4	Requirement added for the exterior edge of a lavatory is less than 6 mm.
6.2.1	Test specimen not required to be a fragment of a fixture anymore.
6.3.2.3	Clarified requirement of this clause was in addition to 6.3.2.1 and 6.3.2.2.
6.4.1	Editorial to testing procedure and inches are expressed as decimals.
6.7	Clarify requirement in this clause applied to thin-wall lavatories as well.
6.7.1 6.7.1.1 6.7.3	Clarify requirement in this clause applied to thin-wall lavatories as well.

Clause(s)	Changes
6.7.3.1	Specified load applied on the top surface on the front of the lavatory rim using a 76 mm (3 in) diameter load-distribution disk resting on a 13 mm (0.5 in) thick sponge rubber or equivalent pad.
6.7.3.2	Specified load test procedure for thin-wall lavatories.
7.1.7	Deleted Figure A.5 in the previous edition.
7.3	Trap seal restoration test renumbered as clause 7.4
7.3.5	Specified total flush volumes for single flush high-efficiency water closets and full flush volume mode of dual flush high-efficiency
7.5.1	Diameter of granules change from 4.2 ± 0.4 mm (0.16 ± 0.02 in) to approximately 4.0 mm (0.16 in); Thickness of granules change from 2.7 ± 0.3 mm (0.11 ± 0.01 in) to approximately 2.6 mm (0.10 in).
7.6.2	The flushing surface of the test bowl shall be flushed clean with a mild liquid dishwashing detergent before conduct surface wash test.
7.7	Deleted mixed media test and related figure.
7.9.1	Clarify test media shall consist of seven soybean paste cylinders and four loosely crumpled balls of toilet paper.
7.9.2.2.1	The miso recipe is adjusted to align with MaP Testing protocol a nominal content of 34.9% water, 33.1% soybean, 18.5% rice, 12.2% salt, and 1.6% ethyl alcohol by weight; Note: Total percentages exceed 100% due to rounding. Suggested supplier of soybean paste changed to Gauley Associates Ltd.,
7.9.2.2.2	Editorial changed the specimens to soybean past cylinders.
7.9.2.2.3	The temperature of the soybean paste cylinders changed to 18 and 27 °C (65 and 80 °F).
7.9.2.3.4.1	The size of the frame to hold the toilet paper changed to 51mm(2 in).
8.5.2	Unit conversion added.
9.2.2	Removed requirement of "N" mark for fixtures that do not comply with one or more of the dimensional requirements of this Standard.
9.3.4	The marking method required to be in accordance with clause 9.1.2 and 9.1.3.
Table 5	Mixed media test removed.
Figure 1	Outlet diameter and depth for bathtub without overflows updated.
Figure 8	The dimension of section B-B deleted, the height of overflow measured from inside of the bathtub with integral overflow.
Figure A.5	The format for reporting results of the mixed media test deleted.