



**Summary of Substantive Changes  
between the 2017 and the 2008 edition (including Update No. 1, dated July 2009  
and Update No. 2, dated March 2011) of  
ASME A112.19.3/CSA B45.4, Stainless Steel Plumbing Fixtures**

**Presented to the IAPMO Standards Review Committee on July 10, 2017**

**General:** The changes to this standard might have an impact on currently listed products. The significant changes are:

- Clarified the overflow requirements for bathtubs (see Section 4.4.2 and Figure 7).
- Removed the requirement to mark non-standard fixtures with an “N” (see Section 6.2).

Section 2, Reference publications: Updated to the current editions of the referenced standards.

Section 4.4.2 Overflows: Clarified the overflow requirements for bathtubs as follows:

**4.4.2 Overflows**

**4.4.2.1 ~~Provision and positioning~~ Lavatories, sinks, and bidets**

**4.4.2.1.1**

*Overflows ~~in lavatories, sinks, and bidets~~ 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.*

**4.4.2.2 ~~Cleaning~~ 4.4.2.1.2**

*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.*

**4.4.2.1.3 Performance**

*Overflows shall comply with Clause 5.4.*

**4.4.2.2 Bathtubs**

*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 7.*

*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.*

Section 5.2, Warpage test: Clarified the use of a feeler gauge to check for the warpage as follows

**5.2 Warpage test**

**5.2.1 Procedure**

*The specimen shall be placed on a flat and level surface to ascertain the amount of deviation from the horizontal plane that exists at its edges.*



~~If~~ A feeler gauge of a thickness equal to the total warpage allowed in Clause 5.2.2 ~~will~~ shall not slide under the specimen unless forced, ~~the specimen shall be deemed to comply with the warpage requirements.~~

If the specimen rocks on two opposite corners, the horizontal plane shall be determined by placing one feeler gauge, as thick as the total warpage allowed, under a corner that does not touch ~~the plane and then forcing the specimen down on this gauge. If a second feeler gauge of the same thickness will~~ the flat and level surface This gauge is inserted by not more than 1/16 in. Forcing the specimen down on this gauge, a second feeler gauge of the same thickness shall not slide under the specimen at any other point; ~~the specimen shall be deemed to comply with the warpage requirements of Clause 5.2.2.~~

Section 5.4, Overflow test (lavatories, sinks, and bidets): Clarified that the overflow test applies to lavatories, sinks and bidets only as follows:

5.4 Overflow test ([lavatories, sinks, and bidets](#))

Section 6.2, Non-standard fixtures: Removed the requirement to mark non-standard fixtures with an “N” as follows:

6.2 Non-standard fixtures

~~6.2.1~~

~~Fixtures that require proprietary (i.e., non-standard) components, e.g., supply fittings, waste fittings, or water closet seats, shall indicate, in the packaging or the accompanying literature, that such components are provided by the manufacturer and shall identify the proper replacement parts.~~

~~6.2.2~~

~~Fixtures that do not comply with one or more of the dimensional requirements of this Standard shall be marked with an “N” to indicate the non-standard nature of the fixture.~~

~~Note: This Clause is not intended to apply to fixtures that comply with none of the dimensional requirements of this Standard.~~

Figure 1, Waste outlet dimensions: Added laundry sinks to the Figure 1 note as follows

\* Waste outlets for bar and laundry sinks may have a diameter of 51–57 mm (2.0–2.25 in) or 89–102 mm (3.5– 4.0 in).

Figure 7, Dimensions for bathtubs: Removed the Section B-B view, added a new Section A-A view for bathtubs with integral overflows, and clarified that the 255mm (10.0) dimension is from the inside surface of the integral overflow to the centerline.