



**Summary of Substantive Changes
between the 2011 and 2012 editions of
ASME A112.18.1/CSA B125.1, “Plumbing Supply Fittings”**

Presented to the IAPMO Standards Review Committee on May 6, 2013

General: The changes to this standard may have an impact on currently listed products. The major changes are:

- Added a requirement for determining the weighted average lead content in accordance with NSF 372 for fittings intended for drinking water (see Section 4.9.3)
- Replaced the automatic compensating valve performance requirements and testing procedures (former Section 5.10) with a reference to ASSE 1016/ASME A112.1016/CSA B125.16 (see Section 4.15)

Section 4.1.3, Seating members:

Section 4.1.3.4: Added the option of using a replaceable cartridge in lieu of a replaceable seat as follows:

In lieu of a replaceable seat, as required in Clauses 4.1.3.1 and 4.1.3.2, a replaceable cartridge that includes both seat and seal may be used.

Section 4.1.3.5: Added a new requirement for solenoid valves as follows:

The solenoid valve used to open and close the flow of water shall be replaceable.

Section 4.9, Toxicity *and lead content*:

Section 4.9.1: Revised the compliance with NSF/ANSI 61 as follows:

Fittings covered by this Standard ~~and by Section 9 of NSF/ANSI 61~~ shall comply with Section 9 the applicable requirements of NSF/ANSI 61.

Section 4.9.3, Added requirement for determining the weighted average lead content in accordance with NSF 372 for fittings intended for drinking water as follows:

Fittings intended to convey or dispense water for human consumption through drinking or cooking shall not contain a weighted average lead content in excess of 0.25% when evaluated in accordance with the test method specified in NSF/ANSI 372.

Section 4.15, Automatic compensating valve temperature control: Former section 5.10 was removed and replaced with a reference to ASSE 1016/ASME A112.1016/CSA B125.16 as follows:

Automatic compensating valves shall

~~*(a) comply with Clause 5.10 or ASSE 1016/ASME A112.1016/CSA B125.16.;*~~

~~*(b) be equipped with an adjustable means to limit the setting of the device toward the hot position;*~~

~~*(c) be adjustable by the user; and*~~

~~*(d) have no downstream water temperature adjustment devices.*~~

Former Section 5.10, Figures 7 and 8 and Annexes C and D were removed.