

**CSA B45.12-13/  
IAPMO Z402-2013**

# Aluminum and copper plumbing fixtures



**CSA  
Group**



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# Preface

This is the first edition of CSA B45.12/IAPMO Z402, *Aluminum and copper plumbing fixtures*.

This Standard supersedes IAPMO IGC 194-2004a, *Copper Alloy or Aluminum Alloy Sinks and Lavatories*, and IAPMO IGC 217-2011e1, *Metallic bathtubs, shower pans, and whirlpool bathtubs*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the CSA/IAPMO Harmonization Task Group on Plumbing Fixtures, under the jurisdiction of the CSA Technical Committee on Plumbing Fixtures and the IAPMO Plumbing Standards Committee. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Construction and Civil Infrastructure. This Standard has been formally approved by the CSA Technical Committee and the IAPMO Standards Committee. This Standard was approved as an American National Standard by the American National Standards Institute on December 5, 2013.

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# CSA B45.12-13/IAPMO Z402-2013

## ***Aluminum and copper plumbing fixtures***

### **0 Introduction**

#### **0.1**

This harmonized Standard was developed in response to an industry request for a Standard for evaluation of aluminum and copper plumbing fixtures that would be acceptable for use in both Canada and the United States. Standards for plumbing fixtures made of other materials are also available or under development.

#### **0.2**

Harmonization activities for plumbing fixtures standards were undertaken in 2005 by a Joint Harmonization Task Group (JHTG) on Plumbing Fixtures, in which the CSA and IAPMO plumbing fixtures committees were equally represented. The responsibility for procedural matters and final approval of technical content was assumed by technical committees at higher levels within each SDO.

### **1 Scope**

#### **1.1**

This Standard covers aluminum and copper plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings of these fixtures.

#### **1.2**

This Standard covers the following plumbing fixtures:

- (a) bathtubs and combination tub/showers;
- (b) lavatories;
- (c) shower bases and shower stalls; and
- (d) sinks:
  - (i) bar sinks;
  - (ii) kitchen sinks;
  - (iii) laundry sinks;
  - (iv) service sinks; and
  - (v) drinking fountains.

#### **1.3**

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.