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CSA B45.5-17/IAPMO Z124-2017

Plastic plumbing fixtures

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REVISED AUGUST 2017

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Plastic plumbing fixtures

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Preface

This is the second edition of CSA B45.5/IAPMO Z124, *Plastic plumbing fixtures*. It supersedes the previous edition published in 2011.

This Standard replaces
a) CAN/CSA-B45.5-02, *Plastic plumbing fixtures*;
b) IAPMO/ANSI Z124.1.2-2005, *Plastic Bathtub and Shower Units*;
c) IAPMO/ANSI Z124.3-2005, *Plastic Lavatories*;
d) IAPMO/ANSI Z124.4-2006, *Plastic Water Closet Bowls and Tanks*;
e) IAPMO/ANSI Z124.6-2007, *Plastic Sinks*; and
f) IAPMO/ANSI Z124.9-2004, *Plastic Urinal Fixtures*.

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 Joint 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 Plumbing Standards Committee. This Standard was approved as an American National Standard by the American National Standards Institute on January 10, 2017.

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   c) wording of the proposed change, tracking the changes between the original and the proposed wording; and
   d) rationale for the change.
6) A request for interpretation should be clear and unambiguous. To submit a request for interpretation of this Standard, you may send the following information to the International Association of Plumbing and Mechanical Officials, Attention Standards Department, 5001 East Philadelphia Street, Ontario, California, 91761, and include "Request for interpretation" in the subject line:
   a) the edition of the Standard for which the interpretation is being requested;
   b) define the problem, making reference to the specific section and, when appropriate, include an illustrative sketch to explain the question;
   c) provide an explanation of circumstances surrounding the actual field condition; and
   d) when possible, phrase the request in such a way that a specific "yes" or "no" answer will address the issue.
7) Interpretations are processed in accordance with IAPMO's accredited standards development procedures. IAPMO issues written replies to inquiries concerning interpretation of technical aspects of this Standard.
8) IAPMO accepts responsibility for only those interpretations of this Standard issued in accordance with the accredited IAPMO policies and procedures, which precludes the issuance of interpretations by individuals.
9) IAPMO does not "approve," "rate," or "endorse" any item, construction, proprietary device, or activity.

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10) *IAPMO does not take any position with respect to the validity of any patent rights asserted in connection with any items mentioned in this Standard, and does not undertake to insure anyone utilizing this Standard against liability for infringement of any applicable patents, nor assumes any such liability. Users of this Standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their responsibility.*
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CSA B45.5-17/IAPMO Z124-2017
Plastic plumbing fixtures

0 Introduction

Harmonization activities for plastic plumbing fixtures Standards were undertaken in 2005 by a Joint Harmonization Task Group (JHTG) on Plumbing Fixtures, in which CSA Group 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 plastic plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings.

1.2

This Standard covers the following plumbing fixtures:

a) bathtubs and combination tub/showers;
b) lavatories;
c) shower bases and shower stalls;
d) sinks:
    i) bar sinks;
    ii) kitchen sinks;
    iii) laundry sinks; and
    iv) service sinks;
e) urinals; and
f) water closets.

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.

Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.

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