



**CSA B45.13:19/
IAPMO Z1700-2019**
National Standard of Canada



Vacuum waste-collection systems



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The 2019 edition of this Standard is being issued with an automatic addenda subscription service. The use of addenda allows revisions made in response to public review comments or committee actions to be published as necessary.

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Preface

This is the second edition of CSA B45.13/IAPMO Z1700, *Vacuum waste-collection systems*. It supersedes the previous edition published in 2014.

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 submitted to be approved by the CSA Technical Committee and the IAPMO Standards Committee.

This Standard has been approved as an American National Standard by the American National Standards Institute on March 28, 2019.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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 - b) *relevant clause, table, and/or figure number;*
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CSA B45.13:19/IAPMO Z1700-2019

Vacuum waste-collection systems

1 Scope

1.1

This Standard covers vacuum waste-collection systems intended to extract and transport water, condensate from refrigerators, sanitary waste, greywater, or grease and specifies requirements for materials, construction, performance testing, and markings.

1.2

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; “may” is used to express an option or that which is permissible within the limits of the standard; and “can” is used to express possibility or capability.

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.

1.3

The values stated in either SI (metric) or inch/pound units are to be regarded as the standard. SI units are the units of record in Canada.

In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application; however, each system is to be used independently. Combining values from the two measurement systems can result in non-conformance with this Standard.

All references to gallons are to U.S. gallons.

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below.

CSA Group

B64 Series-11 (R2016)

Backflow preventers and vacuum breakers

B64.1.1-11 (R2016)

Atmospheric vacuum breakers