ASME A112.4.14-2022/ CSA B125.14:22

National Standard of Canada
American National Standard

Manually or automatically operated valves for use in plumbing systems

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Preface

This is the second edition of ASME A112.4.14/CSA B125.14, *Manually or automatically operated shutoff valves for use in plumbing systems*. It supersedes the previous edition published in 2017 under the title *Manually operated shutoff valves for use in plumbing systems*.

This Standard is considered suitable for use with conformity assessment within its stated scope.

This Standard was prepared by the ASME A112.4.14 Project team on Quarter Turn Valves, under the jurisdiction of the ASME A112 Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Plumbing Fixtures. The ASME A112 Standards Committee operates under the jurisdiction of the ASME Board on Standardization and Testing and 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 ASME Standards Committee and the CSA Technical Committee.

This Standard was approved as an American National Standard by the American National Standards Institute on June 22, 2022.

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ASME A112.4.14-2022/CSA B125.14:22
Manually or automatically operated valves for use in plumbing systems

1 Scope

1.1 Inclusions

This Standard specifies requirements for manually or automatically operated valves, in sizes NPS 4 and smaller. Valves covered by this Standard are intended for installation as water shutoff valves between the meter and the supply stop.

Note: *Manually or automatically operated valves covered by this Standard are also known as supply line stops.*

1.2

This Standard does not apply to hose end valves or endpoint devices defined in Section 9 of NSF/ANSI 61.

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.

1.4

SI units are the units of record in Canada. In this Standard, the yard/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.

For information on the conversion criteria used in this Standard, see Annex A.