IAPMO IGC 275-20102020

PUBLIC REVIEW DRAFT

Industry Standard for
Stainless Steel Drainage Systems with Alternate End Connections
IAPMO Standard

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**Preface**

This is the second edition of IAPMO IGC 275, Stainless Steel Drainage Systems with Alternate End Connections. This Standard supersedes IAPMO IGC 275-2010, Stainless Steel Drainage Systems with Alternate End Connections. The previous editions of this standard are: February 2010

This Standard was developed by the IAPMO Standards Review Committee (SRC) in accordance with the policies and procedures regulating IAPMO industry standards development, Policy S-001, Standards Development Process. This Standard was approved as an IAPMO Industry Standard on Month DD, YYYY.

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3. This standard was developed using an open process and in accordance with IAPMO Standards Policy S-001, Standards Development Process, which is available on the IAPMO Standards website (www.IAPMOstandards.org).
4. During its development, this Standard was made available for public review, thus providing an opportunity for additional input from stakeholders from industry, academia, regulatory agencies, and the public at large. Upon closing of public review, all comments received were duly considered and resolved by the IAPMO Standards Review Committee.
5. This Standard was developed in accordance with the principles of consensus, which is defined as substantial agreement; consensus implies much more than a simple majority, but not necessarily unanimity. It is consistent with this definition that a member of the IAPMO Standards Review Committee might not be in full agreement with all sections of this Standard.
6. Although the intended primary application of this Standard is stated in its scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.
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   (b) relevant section, table, or figure number, as applicable;
   (c) wording of the proposed change, tracking the changes between the original and the proposed wording; and
   (d) rationale for the change.
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   (a) the edition of the standard for which the interpretation is being requested;
   (b) the definition of the problem, making reference to the specific section and, when appropriate, an illustrative sketch explaining the question;
   (c) an explanation of circumstances surrounding the actual field conditions; and
   (d) the request for interpretation phrased in such a way that a “yes” or “no” answer will address the issue.
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1 Purpose Scope

1.1 General

1.1.1 The purpose of this Standard is to establish a generally acceptable standard for producers, distributors, architects, engineers, contractors, inspectors and users; to promote understanding regarding materials, manufacture, and installation; and to provide for identifying covers Stainless Steel Drainage Systems with Alternate End Connections.

2.1.1.2 This standard serves as a supplement to ASME A112.3.1. This standard addresses end connections requirements that are not covered by the current version of ASME A112.3.1.

1.2 Alternative Materials

The provisions of this standard are not intended to prevent the use of any alternate material, method of construction, or design, provided the use of any such alternate meets the intent of this standard.

1.3 Terminology

In this Standard,

(a) “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;

(b) “should” is used to express a recommendation, but not a requirement;

(c) “may” is used to express an option or something permissible within the scope of the Standard; and

(d) “can” is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.

1.4 Units of Measurement

SI units are the primary units of record in global commerce. In this Standard, the inch/pound units are shown in parentheses. The values stated in each measurement system are equivalent in application, but each unit system is to be used independently. All references to gallons are to U.S. gallons.

2 Scope
This standard serves as a supplement to ASME A112.3.1. This standard addresses end connections requirements that are not covered by the current version of ASME A112.3.1.

Referenced Standards

3.1 All standards referenced herein shall be the current edition of that standard. This Standard refers to the following publications and, where such reference is made, it shall be to the current edition of those publications, including all amendments published thereto.

ASME International (The American Society of Mechanical Engineers)

- ASME A112.3.1 Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above-and Below-Ground
- ASME B1.20.1 Pipe Threads, General Purposes (Inch)

ASTM International


Definitions and Abbreviations

This section is reserved for later use.
4  General Requirements

4.1  Stainless Steel Drainage Systems
Stainless Steel Drainage Systems shall comply be in accordance with ASME A112.3.1.

4.2  End Connections

4.2.4  Threads
Thread ends shall comply be in accordance with the dimensional requirements of ASME B1.20.1.

4.2.5  Hubless
Hubless connections shall comply be in accordance with the outside dimensional requirements of ASTM A-888 or ASME A112.3.1.

4.2.6  Alternate Connections
Alternate connections methods not specified herein shall be in accordance with a nationally recognized standard or shall correspond to, and be designated by, the nominal outside diameter(s) and wall thickness(s) of the pipe(s) and shall meet the performance requirements of this standard.

5  Testing Requirements

5.1  Test Procedure
(a) Install device into drainage system in accordance with manufacturer’s installation instructions—; and
(b) Sample shall be tested Conduct the test in accordance with the test Requirements methods in ASME A112.3.1.

5.2  Performance Requirements
The test sample shall meet all the performance requirements within in ASME A112.3.1.

6  Identification and Markings and Accompanying Literature

6.1—Pipe, fittings, and drains shall comply with the marking requirements in ASME A112.3.1.