

IAPMO IGC 272-~~2009~~2019

PUBLIC REVIEW DRAFT

Commercial Faucets
with Integral
Emergency Eye Wash
Unit



IAPMO Standard

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Preface

This is the second edition of IAPMO IGC 272, Commercial Faucets with Integral Emergency Eye Wash Unit. This Standard supersedes IAPMO IGC 272-2009, Commercial Faucet with Integral Emergency Eye Wash Unit. The previous editions of this standard are: July 2009

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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- (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.*
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 - (a) *standard designation (number);*
 - (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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- (12) Proposals for amendments to this Standard will be processed in accordance with the standards-writing procedures of IAPMO industry standards development, Policy S-001, Standards Development Process.*

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IAPMO IGC 272-~~2009~~2019

Commercial Faucets with Integral Emergency Eye Wash Unit

1 **Purpose**Scope

1.1 General

1.1.1 ~~The purpose of~~This Standard ~~is to establish an acceptable standard for~~covers commercial faucets with an integral emergency eye wash units. ~~This unit is comprised of a faucet that contains an integral emergency eye washer station and is plumbed separately and is intended for commercial use only. This standard is intended to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors, and users; to promote understanding regarding materials, manufacture and installation; and to provide for identifying combination residential dishwasher/sink units that conform with this standard and specifies requirements for materials, physical characteristics, performance testing, and markings.~~

1.1.2 This unit is comprised of a faucet that contains an integral emergency eye washer station and is plumbed separately and is intended for commercial use only.

1.2 **Alternative Materials**

The ~~provisions~~requirements of this Standard are not intended to prevent the use of ~~any alternate~~alternative materials, or methods of construction, provided ~~any~~ such ~~alternate alternatives~~ meets or exceeds 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

~~2.1 This standard covers general requirements, test requirements, and marking and identification for commercial faucet with an integral emergency eye wash units.~~

3.2 Reference ~~Standards~~ Publications

~~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.

ISEA (International Safety Equipment Association)

ISEA/ANSI Z358.1

American National Standard For Emergency Eyewash and Shower Equipment

ASME International (The American Society of Mechanical Engineers)

ASME A112.18.1/CSA B125.1

Plumbing Supply Fittings

3 Definitions and Abbreviations

This section is reserved for later use.

4 General Requirements

4.1 Faucet

Faucets shall comply with the requirements in ASME A112.18.1/CSA B125.1.

4.2 Eye Wash Unit

The emergency eye wash unit shall comply with the applicable requirements in ISEA/ANSI Z358.1.

4.3 Supply Inlets

[Commercial Faucets with Integral Emergency Eye Wash Unit](#) shall contain no cross connections of water supply having three separate inlets for water supply:

- (a) Cold water supply (for faucet) at temperature rating in accordance with ASME A112.18.1/CSA B125.1
- (b) Hot water supply (for faucet) at temperature rating in accordance with ASME A112.18.1/CSA B125.1
- (c) Tepid water supply (for eye wash) at temperature rating in accordance with ISEA/ANSI Z358.1

4.4 Controls

The faucet and eye wash unit shall operate independently having separate control valves to ~~open-control~~ water supply.

5 Testing Requirements

5.1 Faucet

Faucet shall comply with the applicable performance requirements within ASME A112.18.1/CSA B125.1.

5.2 Eye Wash Unit

The emergency eye wash unit shall comply with the applicable performance requirements in ISEA/ANSI Z358.1.

6 Markings and ~~Identification~~ [Accompanying Literature](#)

6.1 Markings

The commercial faucet with an integral emergency eye wash units ~~shall be permanently and legibly marked with the following designations so as to be visible after installation~~ [complying with this Standard shall be marked with the](#):

- (a) Manufacturer's name or trademark;
- (b) Model number or designation;
- (c) Any applicable marking requirements from ASME A112.18.1/CSA B125.1; and
- (d) Any applicable marking requirements from ISEA/ASNI Z358.1.

6.2 [Visibility](#)

[Markings shall be permanent, legible, and visible after installation.](#)

~~5.2~~ [6.3](#) Installation Instructions

Installation instructions for the commercial faucet with an integral emergency eye wash units shall include requirements for proper installation of the assembly.