

American National Standard

ASSE 1044-2015(R2020)



Performance Requirements for
**Trap Seal Primer – Drainage Types
and Electric Design Types**

ASSE Board Approved: February 2020

ANSI Approved: April 2020

ICS Codes: 23 060 99, 91 140 70



General Information

Neither this standard, nor any portion thereof, may be reproduced without the written consent of ASSE International.

No product may be said to be listed by ASSE unless the manufacturer has applied to ASSE International, has had the product tested according to the applicable standards, and when the product has passed the test, displays the ASSE Seal on the product.

Instructions for receiving the authorization to display the seal are available from the ASSE International office. Organizations wishing to adopt or list any ASSE standard should print the ASSE standard number on the cover page first in equal or larger type to that of the adopting or listing organization.

ASSE International
Mokena, IL
Copyright © 2020, 2015, 2001, 1986
All rights reserved.

Foreword

This foreword shall not be considered a part of the standard. However, it is offered to provide background information.

ASSE standards are developed in the interest of consumer safety. The ASSE Product Standards Committee encourages manufacturers to develop performance requirement standards and testing procedures for their products. These standards have the consensus of manufacturers and others who have pertinent interests in plumbing systems and are acceptable to this organization.

For many years, the method of priming traps has been with the use of a water supply trap primer, which is activated by flow in the water supply piping. This method of priming utilizes primers that comply with ASSE 1018, *Performance Requirements for Trap Seal Primer Valves – Potable Water Supplied*. This standard addresses alternate methods to ASSE 1018 and addresses trap primers utilizing electric design and drainage-type trap seal primers.

Although many of the material specifications are detailed within Section 4.1 of this standard, it is the responsibility of the manufacturer and the installer to comply with the relevant jurisdictional requirements.

The ASSE 1044 working group, which developed this standard revision, was set up within the framework of the ASSE International Product Standards Committee.

Recognition is made of the time volunteered by members of the working group and of the support of manufacturers, who also participated in the meetings for this standard.

This standard does not imply ASSE International's endorsement of a product that conforms to these requirements. Compliance with this standard does not imply acceptance by any code body.

It is recommended that these trap seal primers be installed, consistent with local codes, by qualified and trained professionals.

This standard was promulgated in accordance with procedures developed by the American National Standards Institute (ANSI).

This edition of the standard was approved by the ASSE International Product Standards Committee on Nov. 13, 2014 and approved by the Board of Directors on March 4, 2015 as an ASSE standard.

2020 Product Standards Committee

Tsan-Liang Su, PhD, Chairperson

*Stevens Institute of Technology
Hoboken, NJ*

John F. Higdon, P.E.

*Supply Source Products
Matthews, NC*

William Briggs, Jr.

*JB&B
New York, NY*

Conrad L. Jahrling (non-voting)

*ASSE International
Chicago, IL*

Terry Burger

*NSF International
Cleveland, OH*

Jim Kendzel

*American Supply Association
Minneapolis, MN*

William Chapin

*Professional Code Consulting, LLC
Cullman, AL*

Ramiro Mata (alternate)

*American Society of Plumbing
Engineers (ASPE)
Cleveland, OH*

Mark E. Fish

*Zurn Industries, LLC
Cary, NC*

Thomas Pitcherello

*State of New Jersey
Bordentown, NJ*

Ron George

*Plumb-Tech Design & Consulting
Services, LLC
Newport, MI*

Daniel Rademacher

*Plumbing Code and Design Consulting
Butte, MT*

Daniel Gleiberman

*Sloan
Los Angeles, CA*

Shabbir Rawalpindiwala

*Kohler Company
Kohler, WI*

Brandon Gunnell

*Precision Plumbing Products
Portland, OR*

Billy Smith

*American Society of Plumbing
Engineers (ASPE)
Montgomery, AL*

Chris Haldiman

*Watts Water Technologies
Springfield, MO*

1044 Working Group (2015)

Chuck Lott, Chairperson
*Precision Plumbing Products
Portland, OR*

Sara Marxen
*CSA Group
Cleveland, OH*

Tom Amundson
*Precision Plumbing Products
Portland, OR*

Ramiro Mata
*CSA Group
Cleveland, OH*

Ned Dickey
*CSA Group
Cleveland, OH*

Donald Preister
*Jay R. Smith Mfg. Co.
Montgomery, AL*

Dan Gleiberman
*Sloan Valve Company
Huntington Beach, CA*

Table of Contents

Section I	1
1.0 General.....	1
1.1 Application.....	1
1.2 Scope	1
1.3 Reference Standards	2
Section II	4
2.0 Test Specimens	4
2.1 Samples Tested.....	4
2.2 Drawings	4
2.3 Rejection	4
Section III	5
3.0 Performance Requirements and Compliance Testing	5
3.1 Hydrostatic Test for Electric Type	5
3.2 Verification of Manufacturer’s Performance Rating	5
3.3 Cycle Test for Electric Trap Seal Primer	6
Section IV	7
4.0 Detailed Requirements	7
4.1 Materials	7
4.2 Documentation	7
4.3 Markings.....	7
Section V	8
5.0 Definitions	8