

**ASSE International
Product (Seal) Listing Program**

ASSE 1044-2023
Performance Requirements for Trap Seal Primer –
Drainage Types and Electric Design Types

Manufacturer: _____

Contact Person: _____ **E-mail:** _____

Address: _____

Laboratory: _____ **Laboratory File Number:** _____

Model # Tested: _____

Model Size: _____

Additional models report applies to: _____

Additional Model Information (i.e. orientation, series, end connections, shut-off valves)

Date models received by laboratory: _____ **Date testing began:** _____

Date testing was completed _____

If models were damaged during shipment, describe damages:

Prototype or production sample? _____

Were all tests performed at the selected laboratory? Yes No

If offsite, identify location: _____

General information and instructions for the testing engineer:

The results within this report apply only to the models listed above.

There may be items for which the judgment of the test engineer will be involved. Should there be a question of compliance with that provision of the standard, a conference with the manufacturer should be arranged to enable a satisfactory solution of the question.

Should disagreement persist and compliance remain in question by the test agency, the agency shall, if the product is in compliance with all other requirements of the standard, file a complete report on the questionable items together with the test report, for evaluation by the ASSE Seal Control Board. The Seal Control Board will then review and rule on the question of compliance with the intent of the standard then involved.

Documentation of material compliance must be furnished by the manufacturer. The manufacturer shall furnish to the testing agency, a bill of material which clearly identifies the material of each part included in the product construction. This identification must include any standards which relate thereto.

1.0 General

1.1 Does this device conform to the product stated in the standard?
 Yes No Questionable

If no or questionable, explain _____

1.2 Scope

1.2.1 Which type of trap seal primer is the sample under evaluation?

- Fixture waste line tailpiece, grease not normally generated
- Used in conjunction with ballcock assemblies
- Receives flow from flushometer valves
- Electric trap seal primer upstream of air gap or vacuum breaker
- Trap primer adapter

1.2.2 Working Pressure

What is the advertised working water pressure range of the device?

Minimum: _____psi (_____kPa) Maximum: _____psi (_____kPa)

1.2.3 Connections

Do the end connections meet the requirement of the standard?

Yes No N/A

2.0 Test Specimens

2.1 Sample selection

Number of samples received: _____

3.0 General

3.1 Fixture Tailpiece Trap Seal Primers

What is the tubing size of the connected fixture? _____in (_____mm)

What is the makeup water supply connection size? _____in (_____mm)

Not applicable

3.2 Fill Valve (Ballcock) Trap Seal Primers

What is the makeup water supply connection size? _____in (_____mm)

Not applicable

Is the device designed to be used in conjunction with an anti-siphon fill valve compliant to ASSE 1002 / ASME A112.1002 / CSA B125.12?

Yes No Questionable

If no or questionable, explain: _____

3.3 Flushometer Tailpiece/Trap Seal Primers

What is the makeup water supply connection size? _____in (_____mm)

What is connection material? _____

Not applicable

Is the compression fitting in compliance with SAE J512?

Yes No Questionable

If no or questionable, explain: _____

Is the device designed to be used in conjunction with flushometer valve compliant with ASSE 1037 / ASME A112.1037 / CSA B125.37 and installed below the critical level?

Yes No Questionable

If no or questionable, explain: _____

3.4 Electric Trap Seal Primers

Does the electric trap primer comply with UL 1951 and or CSA C22.2 No. 68?

Yes No Questionable

If no or questionable, explain:

3.5 Multiport Electric Trap Primers

Inlet size: _____ in (_____ mm)

Outlet size: _____ in (_____ mm)

3.6 Backflow Protection

Does the backflow devices comply with ASSE 1001, ASSE 1020 or ASME A112.1.2

3.7 Trap Primers Adapter

Connection size: _____ in (_____ DN) Makeup line connection size: _____

4 Performance Requirements and Compliance Testing

4.1 Hydrostatic Test for Electric Type

Section not applicable

4.1.2 Trapseal primer pressurized to: _____ psi (_____ kPa)

Time at pressure: _____ min

4.1.3 Any indication of leaking? Yes No Questionable

If no or questionable, explain: _____

In compliance? Yes No Questionable

If no or questionable, explain: _____

4.2 Verification of Manufacturer's Performance Rating

4.2.2.1 For Fixture Tailpiece Trapseal Primer

Section not applicable

Minimum discharge rate of flow through supply line @ 20psi for 1 min per manufacturer:

at 0.5 GPM of faucet flow: _____ GPM (_____ L/min);

at 2.5 GPM of faucet flow: _____ GPM (_____ L/min).

Discharge rate at 0.5 GPM of faucet flow:

Trial 1: _____ GPM (_____ L/min)

Trial 2: _____ GPM (_____ L/min)

Trial 3: _____ GPM (_____ L/min)

Trial 4: _____ GPM (_____ L/min)

Trial 5: _____ GPM (_____ L/min)

4.2.2.2 Fixture Tailpiece Trapseal Criteria

Section not applicable

All trials met mfg's specified ratings? Yes No Questionable

If no or questionable, explain: _____

4.2.2.3 For Ballcock Trapseal Primer

Section not applicable

Make and model of closed coupled water closet: _____

Flush volume of closed coupled water closet tank: _____ gal/flush (_____ L/flush)

Static line pressure: _____ psi (_____ kPa)

Number of flushes: _____

Flowing line pressure: _____ psi (_____ kPa)

Number of flushes: _____

4.2.2.4 Ballcock Trapseal Primer criteria

Section not applicable

Leakage from tank bolt? Yes No Questionable

If no or questionable, explain: _____

Reached minimum rated flow? Yes No Questionable

If no or questionable, explain: _____

Bowl reached full trap depth? Yes No Questionable

If no or questionable, explain: _____

4.2.2.5 For Flushometer Tailpiece/Trap Seal Primer

Section not applicable

Make and model of closed coupled water closet:

Flush volume of closed coupled water closet tank: _____ gal/flush (_____ L/flush)

Flowing line pressure: _____ psi (_____ kPa)

Number of flushes: _____

4.2.2.6 Flushometer Tailpiece/Trap Seal Criteria

Section not applicable

Any leakage? Yes No Questionable

If no or questionable, explain: _____

Reached minimum rated flow? Yes No Questionable

If no or questionable, explain: _____

4.2.2.7 For Electric Trap Seal Primer

Section not applicable

Device pressurized to: _____ psi (_____ kPa)

Cycle "on" time set to: _____ sec

Total number of outlets: _____

4.3 Cycle Test for Electric Trap Seal Primer

Section not applicable

4.3.2 Procedure

Water supply pressurized to: _____ psi (_____ kPa)

Number of cycles: _____

Time between cycles: _____ sec

4.3.3 Any failure or leakage during cycle test?

Yes No N/A Questionable

If no or questionable, explain _____

Is device in compliance with section 3.3? Yes No Questionable

If no or questionable, explain _____

4.4 Trap Primer Adapter Leakage Test [As Applicable]

4.4.2 Procedure

Test specimen assembled to a DWV pipe of length _____ Ft _____ mm

Device pressurized to pressure of _____ psi _____ kPa

Pressure held for _____ min.

4.4.3 Was any leakage observed?

Yes No N/A Questionable

If no or questionable, explain _____

5 Performance Requirements and Compliance Testing

5.1 Materials

Is potable water in contact with solder or flux with lead >0.2% by mass?

Yes No Questionable

If no or questionable, explain: _____

Do metal parts, except springs, in contact with water shall have a corrosion resistance at least equal to a copper alloy of not less than 58% copper

Yes No Questionable

If no or questionable, explain: _____

Do springs in contact with water shall have a corrosion resistance at least equal to 300-series stainless steel.

Yes No Questionable

If no or questionable, explain: _____

5.2 Are installation instructions included in the packaging?

Yes No Questionable

If no or questionable, explain: _____

Instructions include:

Inform the installer to install the device with adequate backflow protection in accordance with local and state codes

Provide maximum distance from water closet to trap seal.

5.3 Are markings a permanently affixed label, stamped, or cast on the body of the trap seal primer?

Yes No Questionable

If no or questionable, explain: _____

Markings include:

Manufacturer's name or trademark

Model number or other identification mark

LISTED LABORATORY: _____

ADDRESS: _____

PHONE: _____ FAX: _____

TEST ENGINEER(S): _____

If applicable:

OUTSOURCED LABORATORY: _____

ADDRESS: _____

PHONE: _____ FAX: _____

TEST ENGINEER(S): _____

Scope of outsourced testing: _____

We certify that the evaluations are based on our best judgments and that the test data recorded is an accurate record of the performance of the device on test.

Signature of the official of the listed laboratory: _____
Signature

Title of the official: _____ Date: _____