ASSE International
Product (Seal) Listing Program

ASSE 1044-2015
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.

Section I

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

1.2.2 Fixture connected type

What is the tubing size of the connected fixture? _____in (_____mm)
What is the makeup water supply connection size? _____in (_____mm)
☐ Not applicable

1.2.3 Ballock connected type

What is the makeup water supply connection size? _____in (_____mm)
☐ Not applicable

1.2.4 Flushometer connected type

What is the makeup water supply connection size? _____in (_____mm)
What is connection material? _____
☐ Not applicable

1.2.5 Electric type

Inlet size: _____in (_____mm) Outlet size: _____in (_____mm)
Device's minimum "on" time: _____ sec

☐ Not applicable

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

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

1.2.7 Do all connections comply with the appropriate fitting standards?

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

1.2.8 Fixture tailpiece trapseal primers

What is the size of the tailpiece or trap assembly? _____in (_____mm)
☐ Not applicable

1.2.9 Ballock trap seal primers

☐ Section not applicable

The assembly consists of:

☐ Refill tube diversion mechanism
☐ Closed coupled tank bolt/drain assembly
☐ Related fittings for connection to closet tank and ballcock
☐ Tee fitting. Size of fitting: _____in (_____mm)
☐ Check valve
☐ Flow restrictor

Material of the refill tube: _____
Inside diameter of the refill tube: _____in (_____mm)
Outside diameter of the closed-coupled tank connector tube: _____in (_____mm)

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: _____

1.2.10 Flushometer tailpiece trap seal primers

☐ Section not applicable

Tailpiece wall thickness: _____in (_____mm)
Size of connection: _____in (_____mm)

Is the device chrome-plated brass?

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

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: _____

1.2.11 Electric type

☐ Section not applicable

Does the device comply with UL 1951 or CSA C22.2 No 68?

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

Is the device designed to be installed at the discharge point and comply with ASSE 1001 or ASME A112.1.2?

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

Is the device compliant to all of section 1.2?

❍ Yes ❍ No ❍ N/A ❍ Questionable

If no or questionable, explain _____

Section II

2.0 Test Specimens

Number of samples received: _____

Section III

3.0 Performance Requirements and Compliance Testing

3.1 Hydrostatic Test for Electric Type

☐ Section not applicable

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

Time at pressure: _____ min

3.1.3 Any indication of leaking? ❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

In compliance? ❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

3.2 Verification of Manufacturer's Performance Rating

3.2.2.1. 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)

3.2.2.2. Fixture Tailpiece Trapseal Criteria

☐ Section not applicable

All trials met mfg's specified ratings? ❍ Yes ❍ No ❍ Questionable
If no or questionable, explain: _____

3.2.2.3. 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: _____

3.2.2.4. 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: _____

3.2.2.5. 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: _____

3.2.2.6. 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: _____

3.2.2.7. For Electric Trap Seal Primer

☐ Section not applicable

Device pressurized to: _____ psi (_____ kPa)
Cycle "on" time set to: _____ sec

Discharge volume:
Trial 1: _____ oz (_____ mL)
Trial 2: _____ oz (_____ mL)
Trial 3: _____ oz (_____ mL)
Trial 4: _____ oz (_____ mL)
Trial 5: _____ oz (_____ mL)

Is device in compliance with section 3.2? ❍ Yes ❍ No ❍ Questionable
If no or questionable, explain _____

3.3 Cycle Test for Electric Trap Seal Primer

☐ Section not applicable

3.3.2 Procedure

Water supply pressurized to: _____ psi (_____ kPa)

Number of cycles: _____

Time between cycles: _____ sec

3.3.3 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 _____

Section IV

4.0 Performance Requirements and Compliance Testing

4.1 Materials

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

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

4.2 Are installation instructions included in the packaging?

❍ Yes ❍ No ❍ Questionable

If no or questionable, explain: _____

Instructions include:

☐ Data to guide installer to select appropriate amount of water

☐ Language to inform installer that electric-design trap seal primers shall be installed with adequate backflow protection meeting all local and state codes.

4.3 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: _____