

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

**ASSE 1056-2013  
Performance Requirements for Spill Resistant Vacuum Breaker Assemblies**

**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.



1.3.5.3 Was there any water leakage from the vent when the device is pressurized from atmospheric up to the maximum working pressure?  Yes  
 No

1.3.6 Was the air vent inlet entrance protected against the accumulation of debris?  Yes  
 No

How was this accomplished?

## Section II

### 2.0 Test Specimens

2.1 How many assemblies of each size and model were submitted?  
2.2 Were assembly drawings and other data provided?  Yes  
 No

2.3 How many units were utilized during the laboratory evaluation?

2.4 Failure of one device shall result in a rejection of the device.

## Section III

### 3.0 Performance Requirements and Compliance Testing

3.1 **Hydrostatic test of Complete Assembly**  
What was the supply pressure at the inlet? kPa (                      psi)

The test period was                      minutes.

Were there any external leaks or other indications of damage?  Yes  
 No

In compliance?  Yes  
 No

### 3.2 Hydrostatic Test of Check Valve

What was the pressure supplied at test cock #2 (downstream of the check valve)?

kPa (                      psi)

The pressure was maintained for                      minutes.

Were there any leaks as indicated by a rise in the water level of the sight glass?

- Yes  
 No

In compliance?

- Yes  
 No

**3.3 Deterioration at Extremes of Temperature**

Hot water temperature tested at: °C ( °F)

Hot water pressure tested at: kPa ( psi)

Cold water temperature tested at: °C ( °F)

Cold water pressure tested at: kPa ( psi)

Hot water test period was for hours.

Cold water test period was for hours.

In compliance?

- Yes  
 No

**3.4 Shock (Water Hammer) Test of Assembly**

What was the supply pressure at the inlet? kPa ( psi)

How many times was this test performed?

Any indication of damage?

- Yes  
 No

In compliance?

- Yes  
 No

**3.5 Drip Tightness of Check Valve**

What was the pressure applied to the upstream side of the check valve?

kPa ( psi)

What was the level of water in the sight glass? mm ( inches)

Was there any loss in the level of the sight glass below 710 mm ( 28 in.)?

- Yes  
 No

In compliance?

- Yes  
 No



At a vacuum of 84.5 kPa (25 in. Hg), what was the sight glass water level?  
mm ( in.)

(c) From an increasing uniform vacuum of 0 to 84.5 kPa (0 to 25 in. Hg), what was the sight glass water level? mm ( in.)

From an decreasing uniform vacuum of 84.5 to 0 kPa (25 to 0 in. Hg), what was the sight glass water level? mm ( in.)

In compliance?  Yes  
 No

### 3.9 Rated Flow and Maximum Allowable Pressure Loss

What was the rate of flow? L/s ( GPM)

What was the pressure loss at the rated flow? kPa ( psi)  
In compliance?  Yes  
 No

## Section IV

### 4.0 Detailed Requirements

#### 4.1 Materials

4.1.1 Materials in Contact with Water. In compliance?  Yes  
 No

4.1.2 Elastomers and Polymers. In compliance?  Yes  
 No

4.1.3 Stainless Steel Components. In compliance?  Yes  
 No

4.1.4 Non-Ferrous Wetted Parts. In compliance?  Yes  
 No

4.1.5 Internal Non-Cast Parts. In compliance?  Yes  
 No

4.1.6 Springs. In compliance?  Yes  
 No

4.1.7 Valve Discs, Seat Facing or Other Flexible or Non-Flexible Non-Metallic Parts. In compliance?  Yes  
 No

4.1.8 Metal-to-Metal. In compliance?  Yes  
 No

4.1.9 Seat Rings. In compliance?  Yes  
 No

4.1.10 Test Cock. In compliance?  Yes  
 No

4.1.11 Pipe Threads. In compliance?  Yes  
 No



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: \_\_\_\_\_