# TEST REPORT

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Your Ref: DO No-DO262200 Our Ref: MM-8500399229/MK 
Dated: 22 Jan 2026

**Subject** : Dimensional Measurement & Pressure Test on BSPT Air Release Valve submitted by Lingjack Engineering Works Pte Ltd on 22nd January 2026.

**Tested for** : **LINGJACK ENGINEERING WORKS PTE LTD**
No.1 Woodlands Terrace #03-01
Lingjack industrial building
Singapore 738471

**Attn:** Mr. Liaw Zhu Yik

**Date & Place of Test** : 22 January 2026 at Setsco Laboratory

**Method of Test** : 1) Dimensional Measurement

2) Pressure test
The Air Release Valve was assembled & filled up with water at ambient temperature. A pressure of 25bar was applied and maintained for 10 minutes.
Inspection was conducted to check for leakage. Observation was then recorded.

**Description of Sample** : One (01) no. of BSPT Air Release Valve was tested as follows:-

| S/No. | Sample Reference | Size | Brand | Model | Emboss Marking | Qty |
|---|---|---|---|---|---|---|
| 1 | BSPT Air Release Valve | 1'' | COMBAT | C-25ARV | COMBAT | 01 |

**Results** : 1) Dimensional Measurement
Refer to Table 1 attached

2) Pressure Test
Refer to Table 2 attached.

MUNIYAPAN A/L KRISHNAN
Testing Officer

CHEN YU
Manager (Mechanical Testing)
Mechanical Technology Division

Note: For any statement of conformity stated in this test report, SETSCO shall adopt the Simple Acceptance as the decision rule in evaluating conformance to specification or standard.

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**Results**:

**Table 1: General Dimension Measurement**

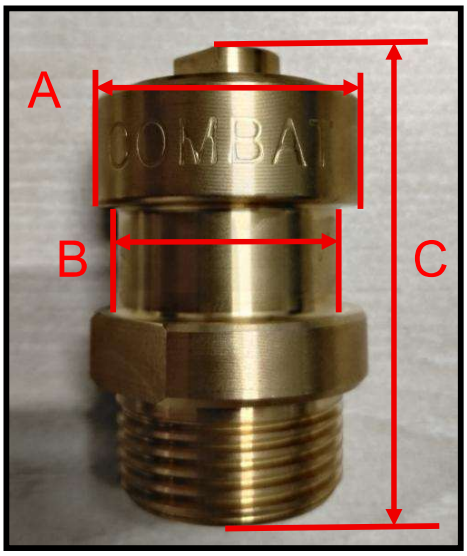
| Test Method | BSPT Air Release Valve | Client's Requirements |
|---|---|---|
| A (mm) | 40.35 | 40.50 |
| B (mm) | 32.86 | 33.00 |
| C (mm) | 64.00 | 64.00 |
| D (mm) | 35.97 | 36.00 |

**Table 2: Pressure Test**

| Sample Reference | Test Duration (min) | Test Pressure (bar) | Results | Client's Requirement |
|---|---|---|---|---|
| Air Release Valve | 10 | 25 | No leakage | Shall be no sign of leakage |

**Note:**

1) Pressure Gauge (CAPRI 0-60bar, Serial No.: GU601), Certificate No. SN-379475/40/2.



**Photographs show sample tested**

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