



SETSCO SERVICES PTE LTD

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Website: www.setsco.com
Business Reg. No. 196900269D
Our Ref: S/0259/18

31 August 2018

LINGJACK ENGINEERING WORKS PTE LTD

No.1 Woodlands Terrace #03-01
Lingjack industrial building
Singapore 738471

Attn: Mr. Kenneth Lim

SUPPLEMENT TO TEST REPORT REF: MM-48154/W/3 DATED 22 JULY 2015

With reference to the above matter, following is the amendment:

Pages 1 of 2 , MM-48154/WC/3

To Delete:

Date : 22 July 2014

To be Replaced by:

Date : 22 July 2015

Enclosed is the supplement report for replacement.

Yours faithfully,
for SETSCO SERVICES PTE LTD

A handwritten signature in blue ink, appearing to read 'Mohammad Azam', enclosed within a blue oval.

MOHAMMAD AZAM
Executive Engineer (Mechanical Testing)
Mechanical Technology Division

Encl.

TEST REPORT

(This Report is issued subject to the terms & conditions set out below)

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Date: 22 July 2015

Your Ref: -

Our Ref: MM-48154/WC/3
(Supplementary Report No.: S/0259/18)

Page 1 of 2

Subject : Witnessing of Dimensional Measurement & Pressure Test on "COMBAT" Air Release Valve.

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

Attn: Mr. Kenneth Lim

Date & Place of Test : 21 July 2015 at Lingjack Engineering Works Pte Ltd

Method of Test : 1) Dimensional Measurement

2) Pressure test

The Air Release Valve was assembled & filled up with water by client 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 no. of "COMBAT" Air Release Valve was tested as follows:-

S/No.	Sample Reference	Brand	Size	Emboss Marking	Qty
1	Air Release Valve	COMBAT	1"	COMBAT	01

Results : 1) Dimensional Measurement
Refer to Table 1 attached

2) Pressure Test
Refer to Table 2 attached.



WANG CHAO
Testing Officer



MOHAMMAD AZAM
Executive Engineer (Mechanical Testing)
Mechanical Technology Division

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Results:**Table 1: General Dimension Measurement**

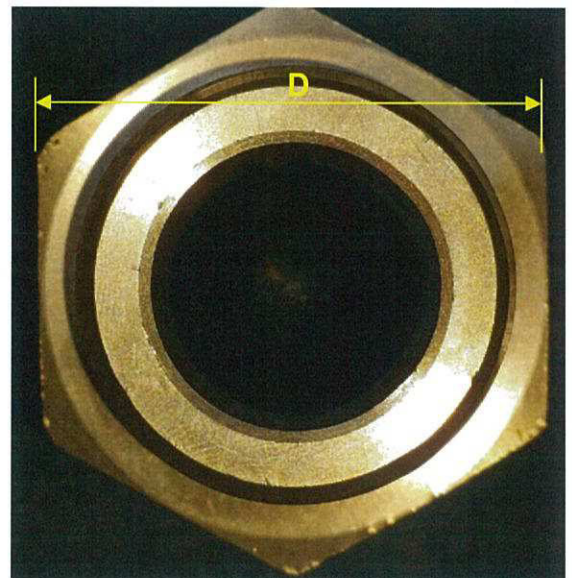
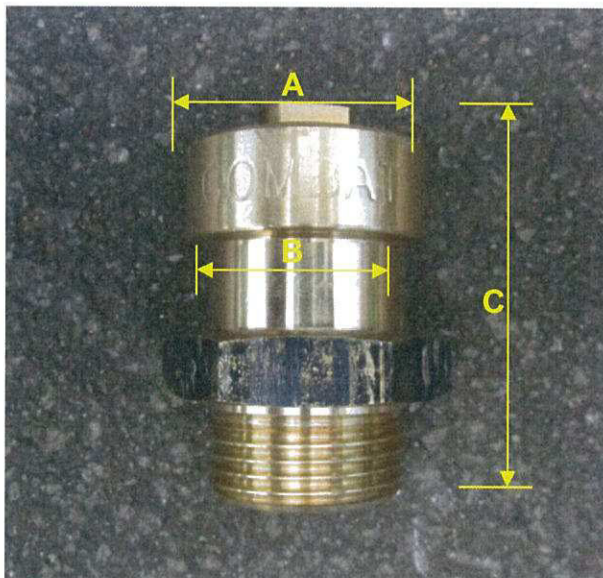
Test Method	Sample Ref: Air Release Valve Size: 1"	Client's Requirements
A (mm)	40.54	40.4
B (mm)	63.80	64.0
C (mm)	32.97	33.0
D (mm)	42.35	42.0

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 (Brand: TESS, 0~60 bar) Certificate number: PS 144449.



Photographs show sample tested

