

SGS Korea Co.,Ltd
 50, Sinsan-ro 29beon-gil,
 Saha-gu
 Busan, Korea
 +82-51-630-7000/7074

INSPECTION REPORT

Inspection report N° : B-50/2020-0029-001-IR01
 Report Submission Date : February 21, 2020

A. Project:	N/A	B. Supplier:	TOPSAFE CO., Ltd.
Project Ref. No.: P.O. Ref No:	- Project SSI205-Breather Valve(43803)	Details: Job No:	- -
C. Inspection:	Breather Valve	D. Sub-Supplier:	N/A
Customer Ref.No: Int. Ref. No (EA):	- -	Details: Job No:	- -
E. Customer:	FAMICO TRADING LIMITED	F. Place of Inspection:	TOPSAFE CO., Ltd.
Country: Customer Ref. No.:	UK -	Contact Person: Address:	Mr. K.J.Hwang #100,Seobu-ro 1293beon-gil,Juchon-myeon,Gimha-si,Gyeongnam,Korea
G. Executing SGS office data:	SGS Korea	Phone/Fax: Email-Address: P.O. at supplier:	+82-55-338-9999 topsafe@topsafe.co.kr -
Country: Coordinator:	South Korea Mr. D.B.Lee		

H. Inspection type:	Spot inspection <input checked="" type="checkbox"/>	Project inspection <input type="checkbox"/>
Pre-Production <input type="checkbox"/>	During Production <input checked="" type="checkbox"/>	Pre-Shipment <input type="checkbox"/>

I. Scope of Work:	<i>Requested</i>			<i>Performed</i>	<i>Comments</i>
	<i>inspect</i>	<i>witness</i>	<i>review</i>		
Visual and Dimensional Inspection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Function Test	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Document Review	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

J. Equipment/Goods requested for inspection:	Breathe Valve with Steam Jacket 1 Set	Deviations during inspection: No (if yes, see report details)
K. Applicable Norms, Standards and specifications:	Specification Sheet for Breather Valve Drawing for Breather Valve	Verified during inspection: <input checked="" type="checkbox"/>

L. Referenced Documents:	<i>Reference No</i>	<i>Rev No.</i>	<i>Attached to request</i>	<i>At place of inspection</i>	<i>Document used</i>
Purchase Order	Project SSI205-Breather Valve(43803)	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Proforma Invoice	T19-0564 dated Nov.28,2019	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Drawing	KSBBJ-ZZ-ZZ-R0	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Others			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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M. Inspection Dates:	Feb. 20, 2020
N. No. of inspection man days: (based on 8h)	One day

O. Inspection result:	<input checked="" type="checkbox"/> satisfactory <input type="checkbox"/> conditionally accepted (see report details) <input type="checkbox"/> non conforming (see report details) <input type="checkbox"/> rejected (see report details) <input type="checkbox"/> aborted inspections (see report details)	P. NCR/Punch list issued:
		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (see report details)
Q. Inspection summary and short conclusion:	The following inspections were performed in accordance with the applicable drawings, specification and the results were found to be satisfactory. <ul style="list-style-type: none"> - Visual & Dimensional Inspection - Function Test (Setting Pressure / Setting Vacuum) - Document Review 	

Inspector:

KiBong, Son

Date: Feb. 20, 2020

Coordinator:

DaBin, Lee

Date: Feb. 21, 2020

In accordance with Client's instructions, the Company's involvement has been limited to witnessing/observing a third party's intervention(s) at the third party's laboratory/test house or other facilities and installations used for the intervention(s). The Company's sole responsibility was to be present at the time of the third party's intervention(s) to forward the results, or confirm the occurrence, of the intervention(s). The Company is not responsible for the condition or calibration of apparatus, instruments and measuring devices used, the analysis methods applied the qualifications, actions or omissions of the third party's personnel or the analysis results.

This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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R. REPORT DETAILS

R.1. Attendees

Name	Company	Position
Mr. KiBong, Son	SGS Korea	Inspector
Mr. KyuJin, Hwang	TOPSAFE	Quality Manager

R.2. Documents used

Refer to the Para.L

R.3. Measuring equipment used

Description	Serial No	Calibration Due Date
Vernier Calipers(0~300mm)	70132575	2020-05-28
Vernier Calipers(0~600mm)	629112	2020-05-28

R.4. Equipment / Goods inspected

No	Description	Q'ty
1	Breather Valve with Steam Jacket - Model: KSBBJ - Size: 2" (ND50mm) - Connection: ANSI 150# - Mat'L: A240-304 Body with A240-304 Others - Setting Pressure: 150mmW.C - Setting Vacuum Pressure: -22mmW.C Tag No.: BRV-TK-506	1 Set

R.5. Inspection activities and results

Inspection description

R.5.1. Final Inspection (Visual and Dimension Check)

The visual and dimensional inspection for valves listed above was carried out in accordance with the applicable drawing, specification and the results were satisfactory.

Checked as follows;

- Outside Diameter (O.D) / Inside Diameter (I.D) & BCD for flange
- Thickness of flange, Hole Q'ty & size
- Assembly conditions (Overall length / Height)
- Name plate

Result

Satisfactory

R.5.2. Function Test

The setting pressure & setting vacuum test was carried out in accordance with the applicable specification and the results were found to be satisfactory within the permissible tolerance.

Satisfactory

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● Test conditions are as following:

Tag No	Setting Pressure (mmW.C)			Setting Vacuum (mmW.C)		
	Spec.	Range	Actual	Spec.	Range	Actual
BRV-TK-506	150	-10% ~ 0%	147	-22	0% ~ +10%	-22

R.5.3 Document Review

The following material test reports prepared by manufacturer were reviewed in accordance with the applicable standard and drawing, and the results were found to be satisfactory.

Satisfactory

- Raw material certificates for body materials
- Dimensional report
- Function test report

R.6.	Non Conformities None
R.7.	Actions required None
R.8.	Conclusion The inspection results were found to be satisfactory
R.9.	Attachments Att.1 _Material Test Report

THE ABOVE REFLECTS OUR FINDINGS AT TIME AND PLACE OF INSPECTION. THIS REPORT DOES NOT RELEASE BUYERS OR SELLERS FROM THEIR CONTRACTUAL RESPONSIBILITIES NOR DOES IT PREJUDICE BUYER'S RIGHT OF CLAIM TOWARD SELLERS/SUPPLIERS FOR COMPENSATION FOR ANY APPARENT AND/OR HIDDEN DEFECTS NOT DETECTED DURING OUR INSPECTION OR OCCURRING THEREAFTER.

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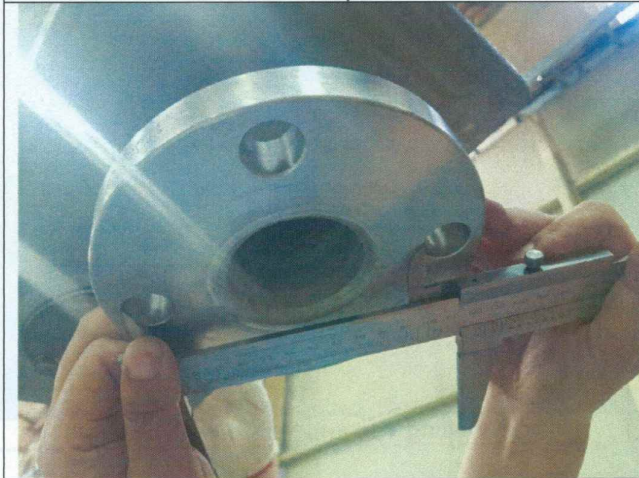
S. Inspection Photos



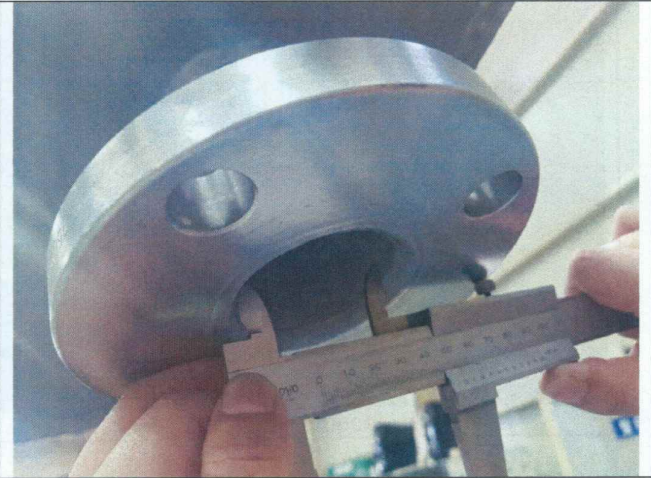
Visual Inspection



Name Plate Check



Dimension Check



Dimension Check



Dimension Check



Dimension Check

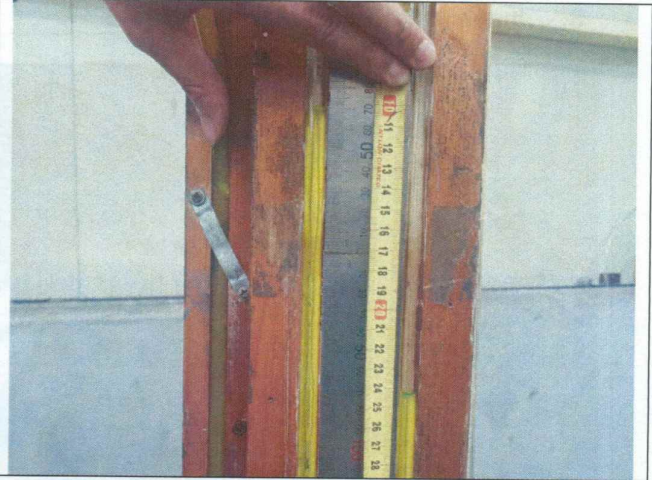
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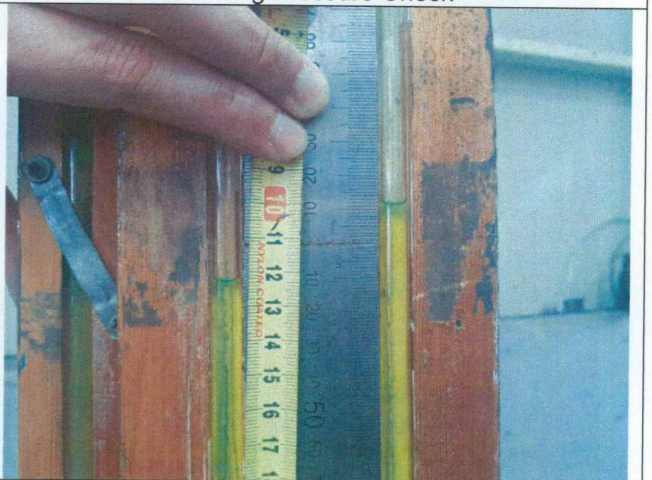
Setting Pressure Check



Setting Pressure Check



Setting Vacuum Pressure Check



Setting Vacuum Pressure Check

-THE END -

Time Sheet

T. Time and visit details

		Comments
Time:	working(h): 8 reporting (h): travelling (h): mileage (km): 80	