



FUGITIVE EMISSIONS CERTIFICATE N° LTV/KPM/CHE/059/001/2016

BV Job nr: IND.C.4.13.0355

PROJECT: Stock	Ref: —
BV Client: M/s: L&T Valves Limited.	P/o nr: —
Manufacturer: M/s: L&T Valves Limited.	P/o nr: —
Inspection requested by: M/s L&T Valves Limited.	
Test date: 21/11/2016 to 25/11/2016	

SUPPLY / SUBJECT OF INSPECTION:

Standard	ISO 15848 -1, Edition June 2015	
Valve details	NPS 18 / Class 600 / Triple offset butterfly valve (TOBV) / ASTM A352 Gr. LCC	
Stem Seal	5 Braided graphite rings (TEADIT Style 2236) / (Stem dia: 95 mm)	
Bottom cover gasket	SWG gasket with graphite filler	
Test Conditions	Fluid	Helium
	Pressure	103.4 bar / 69.4 bar
	Temperature	RT / 400°C
	Test method	ISO 15848 Part-1: Vacuum method (Annex A), Sniffing method (Annex B)

CONCLUSIONS / REMARKS:

Performance class	ISO FE AH - CO2 - SSA 1 - t (RT, 400 °C) - CL600 - ISO 15848-1	
Test Results	Tightness class	AH
	Endurance class	CO2 (1500 mechanical cycles, 3 thermal cycles)
	Number of stem seal adjustments (SSA)	1
Qualification extension	Stem diameters qualified (50% lower and 200% higher)	Triple Offset Butterfly valves with Stem diameters ranging from 47.5 mm to 190 mm
	Size/Class qualified	Classes 150, 300 & 600 (Sizes covering Stem diameters 47.5 mm to 190 mm)

The above items have been released in accordance with specifications and purchase order requirements on hand at the vendor's premises at the time of inspection.

Enclosed manufacturer's Fugitive Emissions report no: LTVFEISOTOBV-010 dated 26/11/2016 duly endorsed for the test results

This note is issued further to an inspection whose duration and scope were limited by the terms and conditions of the contract with BV principal. This note is NOT an indication that the item(s) is (are) fit for any specific purpose and does not release the manufacturer, supplier and any party from their respective duty, guarantee, obligation and/or indemnity relating to, without limitation, patents, workmanship, materials, safety, performance in operation and/or reliability.

Inspected by:

Name: S. Gopalakrishnan

Date of issue: 28/11/2016

Inspection centre: Chennai



Checked by:

Name: S. Gopalakrishnan

Signature:

Distribution: L&T Valves BV-Chennai

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