

Fugitive Emissions Certificate: 8110859171-500-30

This is to certify that the NPS 2 (DN 50) Class 1500 Bolted bonnet globe valve

Manufactured and Tested by

M/s. L&T Valves Limited

(Post Bag No. 976, Mount Poonamallee Road, Manapakkam,

Chennai - 600089, India)

as per Fugitive Emission standard ISO 15848 - Part 1, First Edition 2006, is ranked as

ISO FE BH - CO₂ - SSA 0 - t (400 °C) - CL1500 - ISO 15848-1

Valve details	NPS 2 (DN 50) Class 1500 Bolted bonnet globe valve (ASTM A351 GR.CF8C)	
Stem Seal	6 Braided graphite rings of Teadit Style 2236 (Stem diameter: 1.125")	
Body Seal	Ring type joint (SS 316)	
Test Conditions	Fluid	Helium
	Pressure	248.2 bar / 169.5 bar
	Temperature	RT/ 400 °C
	Test method	Vacuum Method (Annex A of ISO 15848 Part-1) Sniffing Method (Annex B of ISO 15848 Part-1)
Test Results	Tightness class	BH
	Endurance class	CO ₂
	No. of mechanical cycles	1500
	No. of thermal cycles	3
	Number of stem seal adjustments (SSA)	0
Qualification extension	Stem diameters qualified (50% lower and 200% higher)	Cast steel Globe Valves with Stem diameters ranging from 0.75" to 2.25"
	Size/Class qualified	Classes 150, 300, 600, 900 & 1500 (Sizes covering Stem diameters 0.75" to 2.25")

This Certificate shall be valid in conjunction with test report No. LTVFEISOGGC-031 dated 25/09/2014.

25th September 2014

P. Raghuraman
(Surveyor to TUV India)

