

Fugitive Emissions Certificate: 8110859171-500-57

This is to certify that the NPS 14 (DN 350) Class 2500 Gate 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 2 - t (400 °C) - CL2500 - ISO 15848-1

Valve details	NPS 14 (DN 350) Class 2500 Pressure Seal Gate valve (ASTM A216 GR. WCC)	
Stem Seal	6 Braided graphite rings of Teadit Style 2236 (Stem diameter: 2.75")	
Body Seal	Graphite gasket	
Test Conditions	Fluid	Helium
	Pressure	430.9 bar / 289.3 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	CO2
	No. of mechanical cycles	1500
	No. of thermal cycles	3
	Number of stem seal adjustments (SSA)	2
Qualification extension	Stem diameters qualified (50% lower and 200% higher)	Gate Valves with Stem diameters ranging from 1.375" to 5.5"
	Size/Class qualified	Classes 150, 300, 600, 900, 1500 & 2500 (Sizes covering Stem diameters 1.375" to 5.5")

This Certificate shall be valid in conjunction with test report No. LTVFEISOGGC-035 dated 19.01.2015.

19th January 2015




S. Stalin

(Surveyor to TUV India)