

## Fugitive Emissions Certificate: 8114381661/02

This is to certify that the 12" Class 1500 Gate Valve  
Manufactured and Tested by

**M/s. L&T Valves Limited**

As per Fugitive Emissions standard

**API 624 First edition, February 2014**

Complies with the  $\leq 100$  ppmv stem leakage (Static & Dynamic) acceptance criteria

### Valve Information

Manufacturer & Location	L&T Valves Limited, Tamil Nadu, India
Valve size, Class & Type	12" Class 1500 - Gate Valve
Serial Number	16C129959
Valve stem type	Rising (Non-rotating) Stem
API/ASME Design Standard(s)	API 600
General Assembly Drawing No.	757613-HP-101
Body material	ASTM A216 GR WCB
Stem material	ASTM A182 GR F6a
Body-Bonnet connection type	Bolted
Body Bonnet gasket	RTJ - SS 316
Valve selection	Random
Packing Manufacturer	Teadit
Packing Model type	Style 2236 (Flexible Braided Graphite with Inconel Reinforcement)
Test duration	16.01.2017 to 19.01.2017

### Test Results

Test Pressure	41.4 barg
Maximum Test Temperature	260° C
Number of Mechanical cycles completed	310
Number of Thermal cycles completed	3
Maximum Allowable Stem Seal Leakage	100 ppmv Methane
Maximum Actual Stem Seal Leakage	25 ppmv Methane
Did Test valve pass the test requirement	Yes

### Qualification

Valves Qualified (Sec 10, API 624)	Gate Valves from 8" to 14" of Class 900 and 1500
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This Certificate is valid in conjunction with test report No. LTV- DDVL-1404 dated 19/01/2017 and tested as per test procedure LTV-DEP-749-R0

19<sup>th</sup> January 2017



V Chandrasekaran  
Surveyor to TUV India