

API Standard 624, First Edition, 2014
Test Report

“Type Testing of Rising Stem Valves Equipped with
Graphite Packing for Fugitive Emissions”

Performed for

L&T Valves Limited

<http://www.lntvalves.com/>



4 inch Class 300 Globe Valve
Product Code: 433

Project Number: 213334
Test Start Date: April 16, 2015



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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API 624 TEST CERTIFICATE

Certificate Number:	213334F
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Test Start Date:	16-Apr-15
Test End Date:	21-Apr-15

Customer Information

Customer: L&T Valves Limited
Web Address: www.lntvalves.com
Manufacturer Location: Chennai, India

Valve Information

Valve Description: 4 inch Class 300 Globe Valve	
Product Code: 433	Valve Size: 4
Assembly Drawing No.: REF-LTV-GL-LP-001	Valve Pressure Class: 300
Body Material: ASTM A217 GR.C5	Valve Type: Globe
Stem Material: ASTM A182 Gr. F316	Stem Motion: Rising
API/ASME Design Standards: BS 1873	
Packing Description: Teadit Style 2236 (Braided Graphite rings with Inconel reinforcement)	
Body/Bonnet Seal Description: Bolted	
Valve Selected by: Manufacturer	

Test Results

Test Specification: API 624 First Edition: 2014		
Max. Allowable Stem Seal Leakage:	100	PPMv Methane
Number of Mechanical Cycles:	310	
High Temperature:	500	deg. F
Test Pressure:	600	psig
Did valve pass test requirements?	YES	

Qualifications of similar valves according to para. 10 of test standard

Size Range: NPS 6 and lower	Pressure Class Range: ASTM Class 150 to Class 300
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Certified By



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