

API Standard 624, First Edition, 2014

Test Report

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

Performed for

Valvinox S.r.l

<https://www.italvalvinox.com/>



20 inch Class 300 Gate Valve

Product Code: 51RF03

Project Number: 218180

Test Start Date: July 1, 2018



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

434 Walnut Hill Road
North Yarmouth, ME 04097 USA
(207) 829-5359

info@yarmouthresearch.com
www.yarmouthresearch.com

Yarmouth Research and Technology, LLC

API 624 TEST CERTIFICATE

Certificate Number:	218180B
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Test Start Date:	1-Jul-18
Test End Date:	14-Jul-18

Product Code: 51RF03	Valve Size: 20
Assembly Drawing No.: VV-GT-LP-20	
Body Material: ASTM A216 GR. WCB	Valve Type: Gate
Stem Material: ASTM A182 Gr. F6a	Stem Motion: Rising
API/ASME Design Standards: API 600	
Teadit Style 2236 Packing (Braided Graphite rings with Inconel reinforcement)	

Max. Allowable Stem Seal Leakage: 100 PPMv Methane
Number of Mechanical Cycles:
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 16 to NPS 24	Pressure Class Range: ASTM Class 150 to Class 300

Certified By



Matthew J. Wasielewski, PE
President and Manager
Yarmouth Research and Technology, LLC
434 Walnut Hill Road
North Yarmouth, ME 04097 USA

