

Fire Test Report

ANSI/API Standard 607, 8th Edition, 2022
Modified for External Leakage Only

Performed for

TEADIT

www.teadit.com



2848 Packing
Tested in a 4 inch Class 300 Gate Valve

Project Number: 223028
Test Date: March 14, 2023

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

Customer: TEADIT

Specification: ANSI/API Standard 607, 8th Edition, 2022

Modified for External Leakage Only

Product Description: 2848 Packing

Date: 3/14/2023

Tested in a 4 inch Class 300 API 600 Gate Valve

PACKING TEST ONLY

Project Number: 223028

Yarmouth Engineer: Matthew J. Wasielewski, P.E.

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	10:30:00	
Average Pressure During Burn:	566	psig
External Leak Rate During Burn/Cool Down:	5.6	ml/min
Allowable External Leak Rate:	400	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	18.0	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Operational Test

Did Valve Unseat and Open Fully?:	Yes	
Average Pressure During Test:	550	psig
External Leak Rate After Operating:	36	ml/min
Allowable External Leak Rate:	100	ml/min
Was the Leakage Below the Allowable?	Yes	

Does Valve Pass or Fail the Test Standard?	PASS
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Certified By:



Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research and Technology, LLC

