

Fire Test Report

API Standard 6FA, Fifth Edition, May 2020
“Specification for Fire Testing of Valves”

Performed for

ValvTechnologies, Inc.

www.valv.com



1-13/16 inch 10K TrunTech® Ball Valve
Product Code: TrunTech®

Project Number: 220440
Test Date: December 4, 2020

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

Customer: ValvTechnologies, Inc.

Date: 12/4/2020

Specification: API Standard 6FA, Fifth Edition, May 2020

Product Description: 1-13/16" 10K TrunTech® Ball Valve

Product Code: TrunTech®

Project Number: 220440

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	13:54:00	
Average Pressure During Burn:	7420	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	725	ml/min
External Leak Rate During Burn/Cool Down:	0.2	ml/min
Allowable External Leak Rate:	181.25	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	22.0	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:	7616	psig
External Leak Rate After Operating:	0.6	ml/min
Allowable External Leak Rate:	362.5	ml/min
Was the Leakage Below the Allowable?	Yes	
Does Valve Pass or Fail the Test Standard?	PASS	

Certified By:



Matthew Wasielewski, PE

President and Manager

Yarmouth Research and Technology, LLC

