

Fire Test Report

ANSI/API Standard 607, 7th Edition, 2016

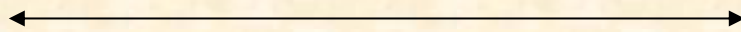
ISO 10497: 2010

API Standard 6FA, Fifth Edition, May 2020

Performed for

MOGAS Industries

www.mogas.com



6 inch Class 300 ISOLATOR 2.0

Floating Ball Valve

Valve Code: ISOLATOR 2.0

Project Number: 222085

Test Date: June 20, 2022

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

Customer: Mogas Industries

Date: 6/20/2022

Specifications: ANSI/API Standard 607, Seventh Edition, 2016 ISO 10497: 2010

API Standard 6FA, Fifth Edition, May 2020

Product Description: 6 inch Class 300 ISOLATOR 2.0 Floating Ball Valve

Project Number: 222085

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	9:40:00	
Average Pressure During Burn:	552	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	2400	ml/min
External Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	600	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	19.0	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Post-Burn Seat Test- 6FA 5th Edition

Average Pressure During Test:	50	psig
Seat Leak Rate:	0	ml/min
Allowable Seat Leak Rate:	240	ml/min
External Leak Rate:	0	ml/min
Allowable External Leak Rate:	120	ml/min
Was the Leakage Below the Allowable?	Yes	

Post-Burn Seat Test- 607 7th Edition

Average Pressure During Test:	30	psig
Seat Leak Rate:	0	ml/min
Allowable Seat Leak Rate:	240	ml/min
Was the Leakage Below the Allowable?	Yes	

Operational Test

Average Pressure During Test:	543	psig
External Leak Rate After Operating:	0	ml/min
API 607 7th Edition Allowable External Leak Rate:	150	ml/min
API 6FA 5th Edition Allowable External Leak Rate:	1200	ml/min
Was the Leakage Below the Allowables?	Yes	
Does Valve Pass or Fail the Test Standards?	PASS	

Certified by



Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research and Technology, LLC

