

Fire Test Report

ANSI/API Standard 607, 7th Edition, 2016

ISO 10497: 2010

API Standard 6FA, Third Edition, April 1999

Performed for

MOGAS Industries, Inc.

www.mogas.com



2 inch Class 300 C-Series Floating Ball Valve
Valve Code: 2" 300 CA-1AS

Project Number: 217143

Test Date: May 15, 2018



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

Customer: MOGAS Industries, Inc.

Date: 5/15/2018

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

API Standard 6FA, Third Edition, April 1999 (R2008)

Product Description: 2" Class 300 C-Series Floating Ball Valve

Valve Code: 2" 300 CA-1AS

Project Number: 217143

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	10:34:00	
Average Pressure During Burn:	551	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	800	ml/min
External Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	200	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	21.3	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Post-Burn Seat Test- 6FA 3rd Edition

Average Pressure During Test:	50	psig
Seat Leak Rate:	0	ml/min
Allowable Seat Leak Rate:	80	ml/min
External Leak Rate:	0	ml/min
Allowable External Leak Rate:	40	ml/min
Was the Leakage Below the Allowable?	Yes	

Post-Burn Seat Test- 607 7th Edition

Average Pressure During Test:	31	psig
Seat Leak Rate:	0	ml/min
Allowable Seat Leak Rate:	80	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:	50	ml/min
API 6FA 3rd Edition Allowable External Leak Rate:	400	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

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