

Fire Test Report

ANSI/API Standard 607, 7th Edition, 2016

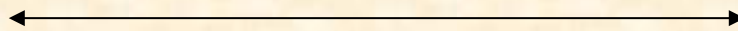
ISO 10497: 2010

API Standard 6FA, Third Edition, April 1999

Performed for

MOGAS Industries, Inc.

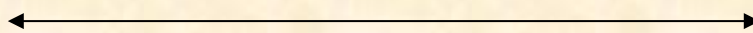
www.mogas.com



3 inch Class 2500 C-Series Floating Ball Valve
Valve Code: 3" 2500 CA-1AS

Project Number: 217143

Test Date: May 16, 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

Customer: MOGAS Industries, Inc.

Date: 5/16/2018

Specifications: ANSI/API Standard 607, Seventh Edition, 2016 ISO 10497: 2010
API Standard 6FA, Third Edition, April 1999 (R2008)

Product Description: 3" Class 2500 C-Series Floating Ball Valve

Valve Code: 3" 2500 CA-1AS

Project Number: 217143

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	11:06:00	
Average Pressure During Burn:	4580	psig
Seat Leak Rate During Burn:	50	ml/min
Allowable Seat Leak Rate:	1280	ml/min
External Leak Rate During Burn/Cool Down:	9.4	ml/min
Allowable External Leak Rate:	320	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	18.8	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Operational Test

Average Pressure During Test:	4570	psig
External Leak Rate After Operating:	0	ml/min
API 607 7th Edition Allowable External Leak Rate:	80	ml/min
API 6FA 3rd Edition Allowable External Leak Rate:	600	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

