

Fire Test Report

ANSI/API Standard 607, 7th Edition, 2016

ISO 10497: 2010

API Standard 6FA, Fourth Edition, June 2018

Performed for

MOGAS Industries, Inc.

www.mogas.com



3 inch Class 1500 T-Series Valve
Valve Code: T-Series

Project Number: 219325

Test Date: December 3, 2019



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: 12/3/2019

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

API Standard 6FA, Fourth Edition, June 2018

Product Description: 3 inch Class 1500 T-Series Valve

Product Code: T-Series

Project Number: 219325

Equipment Confirmed to be in Calibration to NIST Standards: Yes

Burn and Cool Down Test

Burn Start Time:	8:23:00	
Average Pressure During Burn:	2768	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	1280	ml/min
External Leak Rate During Burn/Cool Down:	0.2	ml/min
Allowable External Leak Rate:	320	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	15.5	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Operational Test

Average Pressure During Test:	2683	psig
External Leak Rate After Operating:	0	ml/min
API 607 7th Edition Allowable External Leak Rate:	80	ml/min
API 6FA 4th 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

