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

2 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: 2 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:	10:24:00	
Average Pressure During Burn:	2719	psig
Seat Leak Rate During Burn:	0	ml/min
Allowable Seat Leak Rate:	800	ml/min
External Leak Rate During Burn/Cool Down:	0.1	ml/min
Allowable External Leak Rate:	200	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	20.3	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

Operational Test

Average Pressure During Test:	2657	psig
External Leak Rate After Operating:	13	ml/min
API 607 7th Edition Allowable External Leak Rate:	50	ml/min
API 6FA 4th 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
Yarmouth Research and Technology, LLC