# 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 150 ISOLATOR 2.0
Floating Ball Valve
Valve Code: ISOLATOR 2.0

Project Number: 222085
Test Date: July 13, 2022

*Performed by*


**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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# Yarmouth Research and Technology, LLC

| | |
|---|---|
| **Customer:** MOGAS Industries | **Date:** 7/13/2022 |
| **Specifications:** ANSI/API Standard 607, Seventh Edition, 2016 ISO 10497: 2010 | |
| API Standard 6FA, Fifth Edition, May 2020 | |
| **Product Description:** 6 inch Class 150 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: | 6:52:00 | |
| Average Pressure During Burn: | 213 | 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: | 15.0 | minutes |
| Were Test Conditions Within Compliance? | Yes | |
| Were the Valve Leakages Below the Allowables? | Yes | |

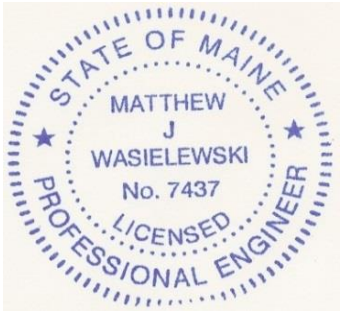
***Post-Burn Seat Test***

| | | |
|---|---|---|
| Average Pressure During Test: | 29 | 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 | |

***Operational Test***

| | | |
|---|---|---|
| Average Pressure During Test: | 213 | psig |
| Seat Leak Rate: | 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 Allowable? | Yes | |
| **Does Valve Pass or Fail the Test Standards?** | **PASS** | |

***Certified by***

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