

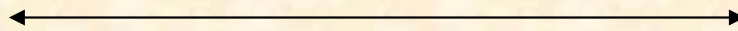
## **Fire Test Report**

**API Standard 6FA, Third Edition, April 1999**  
**“Specification for Fire Testing of Valves”**

*Performed for*

**Triangle Fluid Controls**

[www.trianglefluid.com](http://www.trianglefluid.com)



**6 inch Class 300 Durlon 9000 Gasket**

**Project Number: 218301**

**Test Date: July 20, 2018**

*Performed by*

**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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# Yarmouth Research and Technology, LLC

**Customer:** Triangle Fluid Controls

**Date:** 7/20/2018

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

**Product Description:** 6 inch Class 300 Durlon 9000 Gasket

**Project Number:** 218301

GASKET TEST ONLY

**Equipment Confirmed to be in Calibration to NIST Standards: Yes**

***Burn and Cool Down Test***

Burn Start Time:	10:53:00	
Average Pressure During Burn:	546	psig
External Leak Rate During Burn/Cool Down:	2.2	ml/min
Allowable External Leak Rate:	600	ml/min
Amount of Time of Avg. Cal. Blocks > 650 deg. C:	19.8	minutes
Were Test Conditions Within Compliance?	Yes	
Were the Valve Leakages Below the Allowables?	Yes	

***Post-burn Test***

Average Pressure During Test:	51	psig
Average Leak Rate Over 5 Minute Duration:	0	ml/min
Allowable Leak Rate:	120	ml/min
Was the Leakage Below the Allowable?	Yes	

***Operational Test - System depressurized and repressurized***

Average Pressure During Test:	537	psig
External Leak Rate After Operating:	1.8	ml/min
Allowable External Leak Rate:	1200	ml/min
Was the Leakage Below the Allowable?	Yes	
<b>Does Valve Pass or Fail the Test Standard?</b>	<b>PASS</b>	

**Certified By:**



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 Matthew Wasielewski, PE  
 President and Manager  
 Yarmouth Research and Technology, LLC

