

**Fire Test Report**  
**API Standard 6FB, Third Edition**

*Performed for*

**Flexitallic Ltd.**

[www.flexitallic.eu](http://www.flexitallic.eu)



**6 inch Class 300 Raised Face Gasket**  
**Product Code: Novus 34**

Project Number: 216073  
Test Date: March 2, 2016



*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

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# Yarmouth Research and Technology, LLC

## API 6FB FIRE TEST REPORT

<b>Customer:</b>	Flexitallic Ltd	<b>Date:</b>	3/2/2016
<b>Project Number:</b>	216073		
<b>Product Description:</b>	6" Class 300 Raised Face Gasket		
<b>Product Code:</b>	Novus 34		
<b>Specification:</b>	API 6FB, Third Edition, Nov. 1998		
	Non-Bending, On-shore Test		
<b>Gasket Thickness:</b>	0.060	inches	
<b>Seal Area OD:</b>	8.500	<b>Seal Area ID:</b>	6.625 inches
<b>Mean Seal Diameter:</b>	7.56	inches	
<b>Mean Circumference:</b>	23.8	inches	
<b>Allowable Leakage:</b>	23.8	ml/min	
<b>Nominal Test Pressure:</b>	555	psig	
<b>YRT Technician:</b>	Matthew J. Wasielewski, P.E.		
	Version of YRT's FIRE-Control 6FB Software: A		
	Equipment Confirmed to be in Calibration to NIST Standards: Yes		

### *Burn and Cool Down Test*

Burn Start Time:	14:51:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	565	psig
Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	23.8	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	23.3	minutes
Were Test Conditions Within Compliance?	Yes	

Was the Leakage Below the Allowable?	Yes
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### *Depressurization - Re-pressurization Test*

Average Pressure During Test:	557	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	23.8	ml/min
Was the Leakage Below the Allowable?	Yes	
<b>Does the Gasket Pass or Fail API 6FB?</b>	<b>PASS</b>	

Certified By:



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

