

Fire Test Report
API Standard 6FB, Third Edition

Performed for

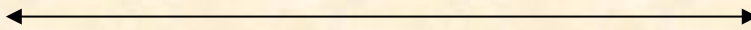
Flexitallic Ltd.

www.flexitallic.eu



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

Project Number: 216073
Test Date: March 2, 2016



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	Flexitallic Ltd	Date:	3/2/2016
Project Number:	216073		
Product Description:	6" Class 300 Raised Face Gasket		
Product Code:	Novus 34		
Specification:	API 6FB, Third Edition, Nov. 1998		
	Non-Bending, On-shore Test		
Gasket Thickness:	0.060	inches	
Seal Area OD:	8.500	Seal Area ID:	6.625 inches
Mean Seal Diameter:	7.56	inches	
Mean Circumference:	23.8	inches	
Allowable Leakage:	23.8	ml/min	
Nominal Test Pressure:	555	psig	
YRT Technician:	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	
Does the Gasket Pass or Fail API 6FB?	PASS	

Certified By:



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

