

Fire Test Report
API Standard 6FB, Third Edition

Performed for

Reinz Dichtungs-GmbH

www.reinz-industrial.com



6 inch Class 300 AFM 34 Gasket

Project Number: 218134

Test Date: June 18, 2018



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	Reinz Dichtungs-GmbH	Date:	6/18/2018
Project Number:	218134		
Product Code:	6 inch Class 300 AFM 34 Gasket		

Specification:	API 6FB, Third Edition, Nov. 1998		
	Non-Bending, On-shore Test		
Gasket Thickness:	0.068	inches	
Seal Area OD:	8.500	Seal Area ID:	6.625 inches
Mean Seal Diameter:	7.5625	inches	
Mean Circumference:	23.76	inches	
Allowable Leakage:	23.76	ml/min	
Nominal Test Pressure:	555	psig	
YRT Technician:	Matthew J. Wasielewski, P.E.		
Version of YRT's FIRE-Control 6FB Software: B			
Equipment Confirmed to be in Calibration to NIST Standards: Yes			

Burn and Cool Down Test

Burn Start Time:	8:37:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	568	psig
Leak Rate During Burn/Cool Down:	2.9	ml/min
Allowable External Leak Rate:	23.76	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	19.8	minutes
Were Test Conditions Within Compliance?	Yes	
Was the Leakage Below the Allowable?	Yes	

Depressurization - Repressurization Test

Average Pressure During Test:	563	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	23.76	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

