Fire Test Report

API Standard 6FB, Third Edition

Performed for

Reinz Dichtungs-GmbH

www.reinz-industrial.com

6 inch Class 300 AFM 34 CO ME Gasket

Project Number: 218134
Test Date: June 19, 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:**	6/19/2018
Project Number:	218134			
Product Code:	6 inch Class 300 AFM 34 CO ME Gasket			
Specification:	API 6FB, Third Edition, Nov. 1998			
	Non-Bending, On-shore Test			
Gasket Thickness:	0.075	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:	9:33:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	573	psig
Leak Rate During Burn/Cool Down:	1.1	ml/min
Allowable External Leak Rate:	23.76	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	17.8	minutes
Were Test Conditions Within Compliance?	Yes	
Was the Leakage Below the Allowable?	Yes	

Depressurization - Repressurization Test

Average Pressure During Test:	566	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