

Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	Flexitallic	Date:	2/20/2013	
Product Code:	6 inch Class 300 "CHANGE" Gasket made with 316L/FG materials			
Project Number:	PN213050			
Specification:	API 6FB (R2011) 3rd Edition Non-Bending, On-shore or Open-offshore Test			
Seal Area OD:	8.50	Seal Area ID:	7.0625	inches
Mean Seal Diameter:	7.78	inches		
Mean Circumference:	24.4	inches		
Allowable Leakage:	24.4	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:	10:52:00	
	Burn / Cooldown Duration:	60	minutes
	Average Pressure During Burn/Cooldown:	567	psig
	Leak Rate During Burn/Cool Down:	1.0	ml/min
	Allowable External Leak Rate:	24	ml/min
	Amount of Time of Avg. Cal. Block > 1200 deg.:	23.8	minutes
	Were Test Conditions Within Compliance?	Yes	
	Was the Leakage Below the Allowable?	Yes	

Depressurization - Repressurization Test

	Average Pressure During Test:	553	psig
	Gasket Leak Rate:	0.0	ml/min
	Allowable External Leak Rate:	24	ml/min
	Was the Leakage Below the Allowable?	Yes	

Does the Gasket Pass or Fail API 6FB?	PASS
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Witnesses



Note:

