

Fire Test Report
API Standard 6FB, Third Edition

Performed for

Kukil Inntot Co., Ltd.

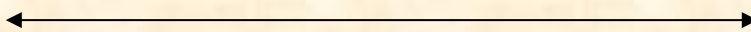
<http://www.kukil.com/>



6 inch Class 300 SPW-Graphite

Project Number: 214184

Test Date: September 10, 2014



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology, LLC

API 6FB FIRE TEST REPORT

Customer:	Kukil Inntot Co., Ltd.	Date:	9/10/2014
Project Number:	214184		
Product Code:	6 inch Class 300 SPW-Graphite		
Specification:	API 6FB, Third Edition, Nov. 1998 Non-Bending, On-shore Test		
Gasket Thickness:	0.187	inches	
Seal Area OD:	8.250	Seal Area ID:	7.188 inches
Mean Seal Diameter:	7.720	inches	
Mean Circumference:	24.3	inches	
Allowable Leakage:	24.3	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:	557	psig
Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	24.3	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 - Re-pressurization Test

Average Pressure During Test:	546	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	24.3	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



Temperature verses Time Chart

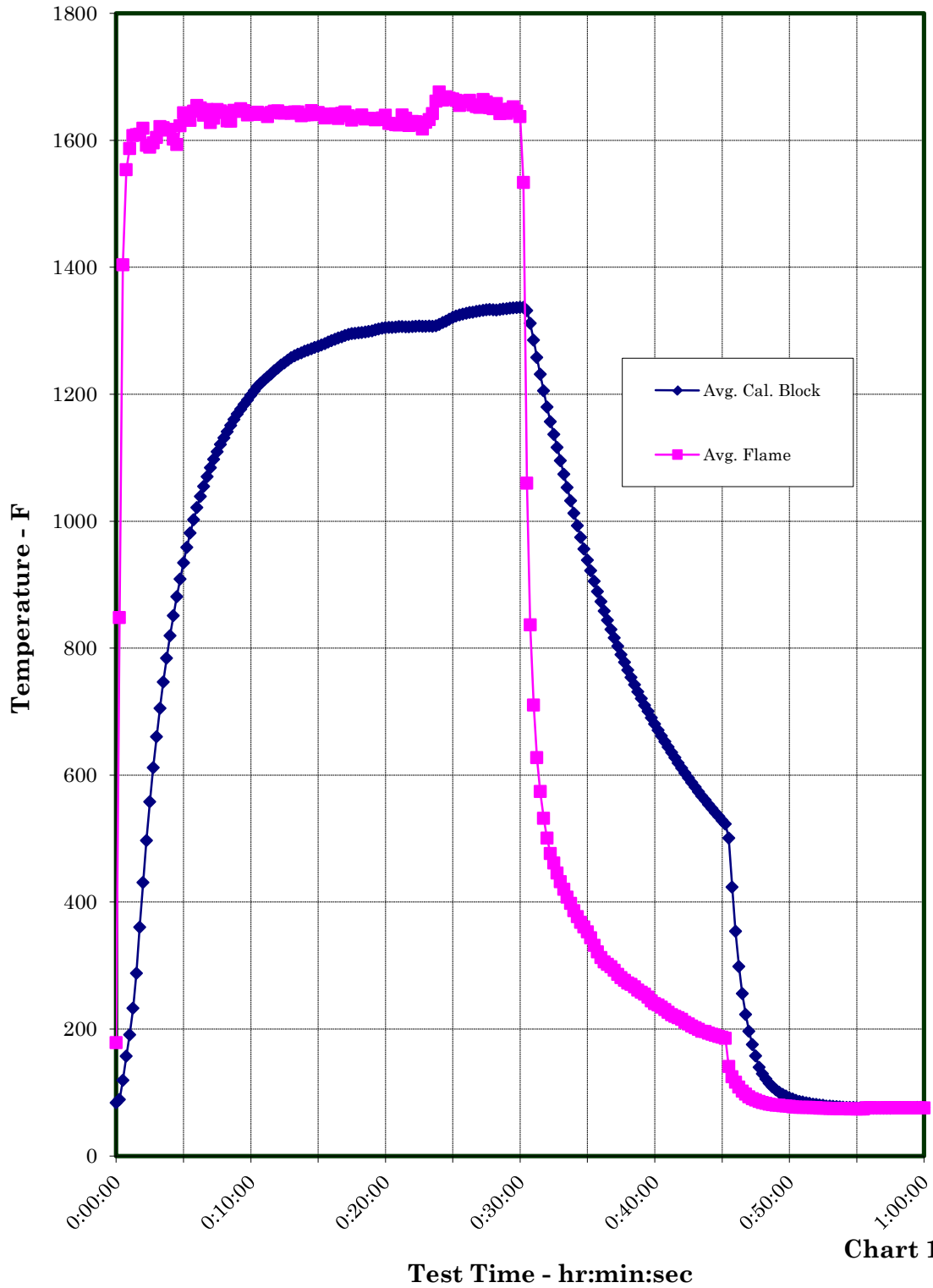
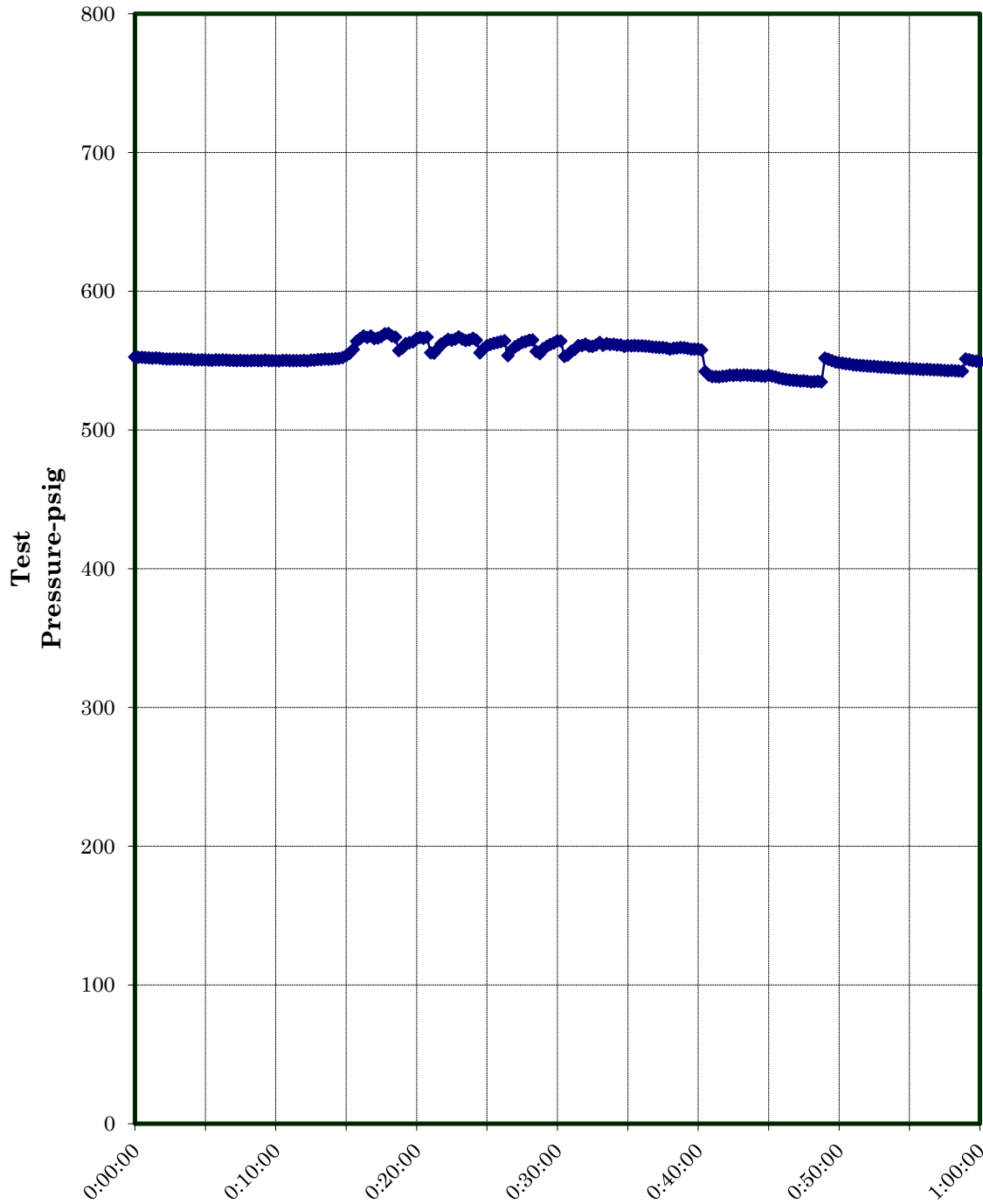


Chart 1

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Pressure versus Time Chart



Test Time - hr:min:sec

Chart 2

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Test Gasket Prior to Burn

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Test Setup Prior to Burn



Test Gasket During Burn

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Test Gasket During Burn



Test Gasket Post-Burn