Fire Test Report

API Standard 6FB, Third Edition

Performed for

Kukil Inntot Co., Ltd.

http://www.kukil.com/

6 inch Class 300 Serrated Gasket

Project Number: 214184
Test Date: September 12, 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		**Date:**	9/12/2014
Project Number:	214184			
Product Code:	6 inch Class 300 Serrated Gasket			
Specification:	API 6FB, Third Edition, Nov. 1998			
	Non-Bending, On-shore Test			
Gasket Thickness:	0.221	inches		
Seal Area OD:	8.375	**Seal Area ID:**	7.000	inches
Mean Seal Diameter:	7.700	inches		
Mean Circumference:	24.2	inches		
Allowable Leakage:	24.2	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:	8:38:00	
Burn / Cooldown Duration:	60	minutes
Average Pressure During Burn/Cooldown:	559	psig
Leak Rate During Burn/Cool Down:	0	ml/min
Allowable External Leak Rate:	24.2	ml/min
Amount of Time of Avg. Cal. Block > 1200 deg.:	16.5	minutes
Were Test Conditions Within Compliance?	Yes	
Was the Leakage Below the Allowable?	Yes	

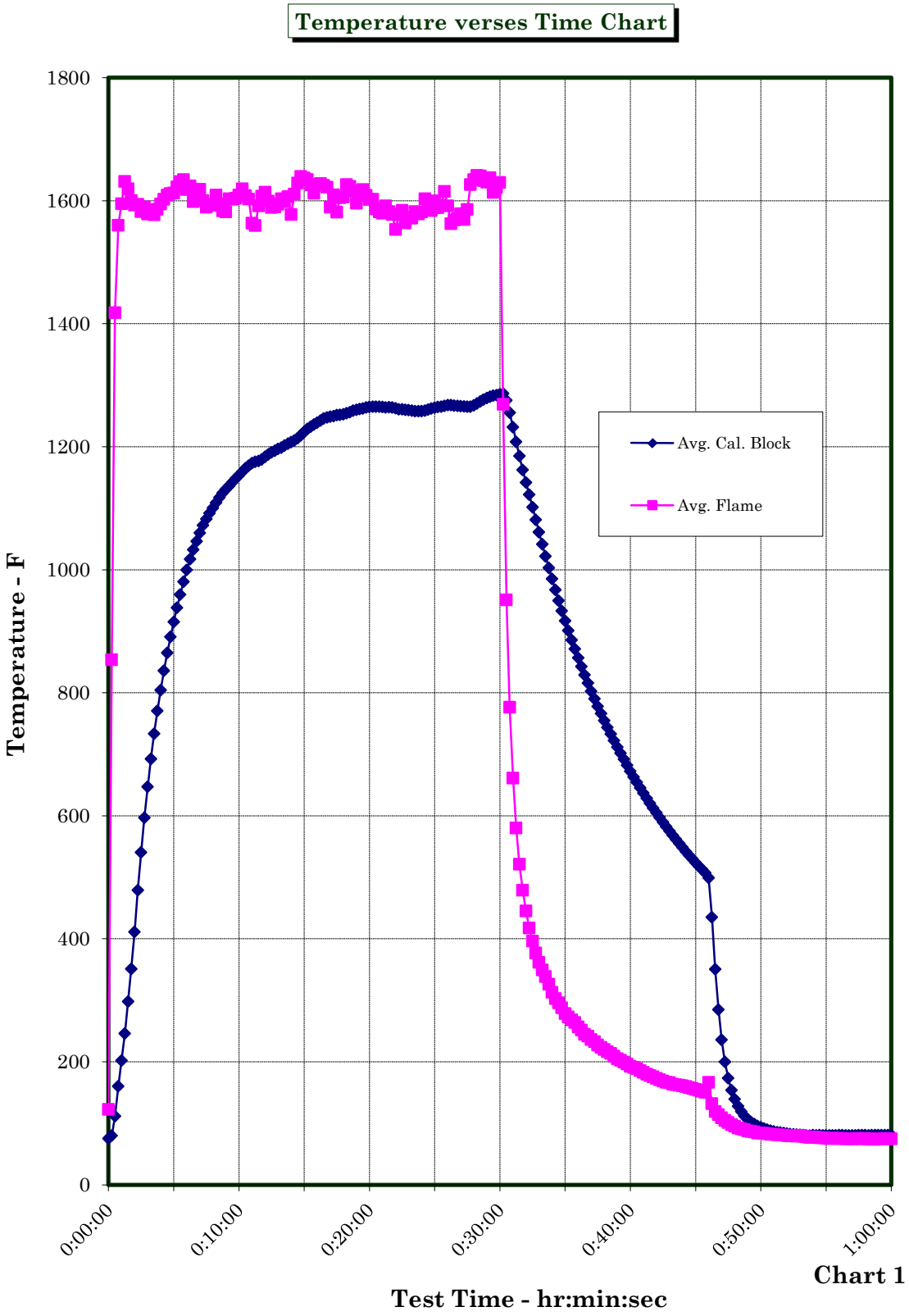
Depressurization - Repressurization Test

Average Pressure During Test:	554	psig
Gasket Leak Rate:	0	ml/min
Allowable External Leak Rate:	24.2	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

Yarmouth Research and Technology, LLC



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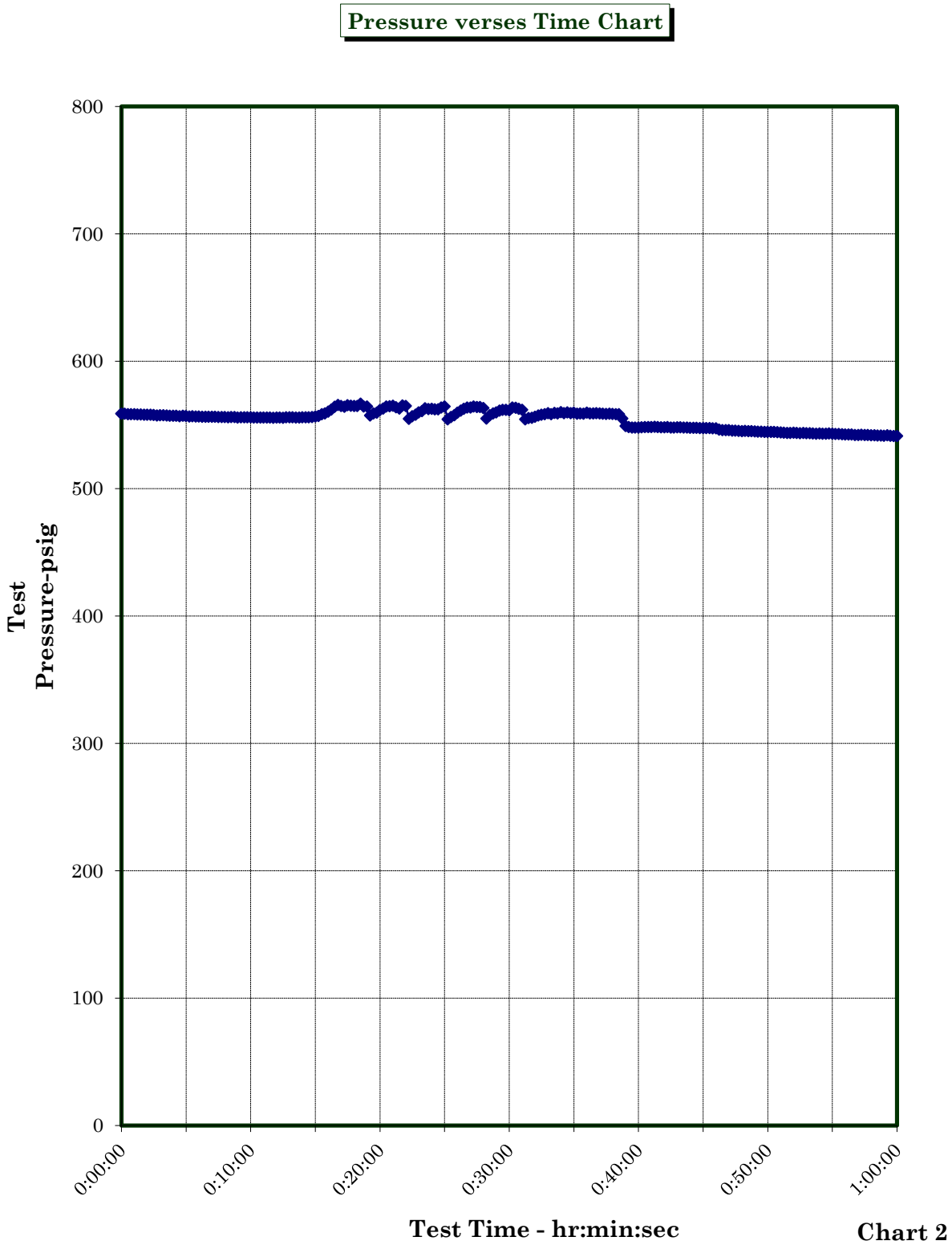
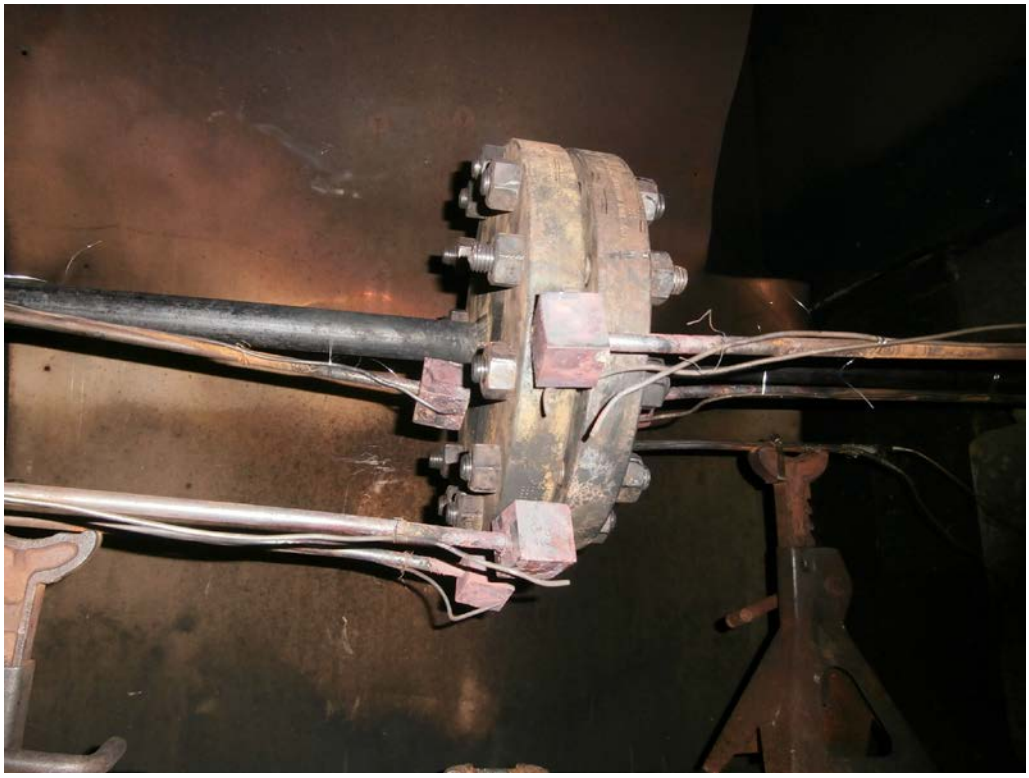


Chart 2

Test Gasket Prior to Burn



Test Setup Prior to Burn

Test Gasket During Burn

Test Gasket During Burn

Test Gasket Post-Burn