Fire Test Report

API Standard 607, Fourth Edition
With Exxon Modifications

Performed for

Triangle Fluid Controls, Ltd.

www.trianglefluid.com

Durlon HT 1000 Gasket

Project Number: 214135
Test Date: May 22, 2014

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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API 607 4th Edition Fire Test Data

Customer: Triangle Fluid Controls, LTD. **Date:** 5/22/2014

Project Number: PN214135

Specification: API 607 4th Edition with Exxon Modifications

Product Description: Durlon HT 1000 Gasket

Flange Mfgr: Kirkau

YRT Technician: Matthew J. Wasielewski, P.E.

Bolt Torques (ft-lbs)

Bolt Location	At Start of Test	At End of Test
Upstream #1	200	30
Upstream #2	200	35
Upstream #3	200	35
Upstream #4	200	25
Downstream #1	200	100
Downstream #2	200	115
Downstream #3	200	95
Downstream #4	200	105

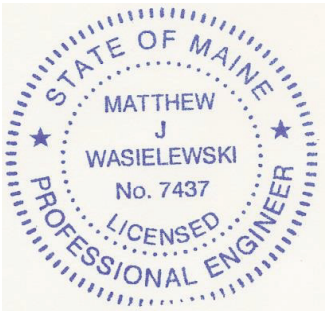
Fire and Cooldown Data:

Start Time:	2:59 PM	(EST)
Average Test Pressure:	31	psig
Combined Leak Rate of Both Gaskets:	63.8	ml/min
Allowable Leakage:	300	ml/min
Is Leakage Below Allowable?:	Yes	

Post Burn Leakage Test

Start Time:	3:44 PM	(EST)
Average Test Pressure:	30	psig
Leak Rate Side A:	2.7	ml/min
Leak Rate Side B:	4.6	ml/min
Combined Leak Rate of Both Gaskets:	7.3	ml/min
Allowable Leakage:	300	ml/min
Is Leakage Below Allowable?:	Yes	

Does Gasket Pass API 607 Leakage Requirements?:	**YES**



Certified by

Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research and Technolgy, LLC