

Fire Test Report
API Standard 607, Fourth Edition
With Exxon Modifications

Performed for

Triangle Fluid Controls, Ltd.

www.trianglefluid.com



6 inch Class 300
Durlon SWG DRI-ETG Gasket

Project Number: 215196
Test Date: August 27, 2015



Performed by

YARMOUTH RESEARCH AND TECHNOLOGY, LLC

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Yarmouth Research and Technology

API 607 4th Edition Fire Test Data

Customer: Triangle Fluid Controls

Date: 8/27/2015

Project Number: 215196

Specification: API 607 4th Edition with Exxon Modifications

Product Description: 6 inch Class 300 Durlon SWG DRI-ETG Gasket

Flange Mfr: 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	185
Upstream #2	200	165
Upstream #3	200	165
Upstream #4	200	170
Downstream #1	200	170
Downstream #2	200	180
Downstream #3	200	155
Downstream #4	200	160

Fire and Cooldown Data:

Start Time:	9:52 AM	(EST)
Average Test Pressure:	30	psig
Combined Leak Rate of Both Gaskets:	30.9	ml/min
Allowable Leakage:	300	ml/min
Is Leakage Below Allowable?:	Yes	

Post Burn Leakage Test

Start Time:	10:33 AM	(EST)
Average Test Pressure:	31	psig
Leak Rate Side A:	0	ml/min
Leak Rate Side B:	0	ml/min
Combined Leak Rate of Both Gaskets:	0	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

