API Standard 607 Fourth Edition
With Exxon modifications
Fire Test Report

Performed for

Triangle Fluid Controls Ltd.

www.trianglefluid.com

6 inch Class 300
Durlon® Durtec™ Gaskets

Project Number: 20978
June 2009

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY

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API 607 4th Edition Fire Test Data

Customer:	Triangle Fluid Controls Ltd.	**Date:**	7/14/2009
Project Number:	PN20978		
Specification:	API 607 4th Edition		
Product Code:	Durlon® Durtec™ Gaskets		
Flange Mfgr:	Weldbend		
Nut +Bolt Mfgr:	Alloy & Stainless Fasteners/Shih Hsang		
Comments:	New bolts, nuts and flanges		
YRT Technician:	Matthew J. Wasielewski, P.E.		

Bolt Torques (ft-lbs)

Bolt Location	At Start of Test	At End of Test
Upstream #1	200	100
Upstream #2	200	120
Upstream #3	200	120
Upstream #4	200	100
Downstream #1	200	100
Downstream #2	200	120
Downstream #3	200	120
Downstream #4	200	140

Fire and Cooldown Data:

Start Time:	3:40 PM	(EST)
Average Test Pressure:	30	psig
Combined Leak Rate of Both Gaskets:	1	ml/min
Allowable Leakage:	150	ml/min
Is Leakage Below Allowable?:	**YES**	

Post Burn Leakage Test

Start Time:	4:20 PM	(EST)
Average Test Pressure:	30	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:	150	ml/min
Is Leakage Below Allowable?:	**YES**	

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

Witnesses 

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