API Standard 607 Fourth Edition
Fire Test Report

Performed for

SGL Technic Inc.
SGL Carbon Group

Sigraflex Select
6 inch Class 300 Gaskets
Project Number: 20370
September 2003

Performed by

YARMOUTH RESEARCH AND TECHNOLOGY

92 East Elm Street
Yarmouth, ME 04096 USA
(207) 829-5359
yrtlab@maine.rr.com
www.yarmouthresearch.com

Yarmouth Research and Technology

API 607 4th Edition Fire Test Data

Customer: SGL Technic Inc. **Date:** 9/9/2003

Project Number: PN20370

Specification: API 607 4th Edition

Product Code: Sigraflex Select

Gasket Thickness: 0.063 inches

Flange Mfgr: Weldbend **Nut Mfgr:** Shih Hsang

Bolt Mfgr: Alloy & Stainless Fasteners VA

Comments:

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

Bolt Torques (ft-lbs)

Bolt Location	At Start of Test	At End of Test
Upstream #1	200	10
Upstream #2	200	10
Upstream #3	200	10
Upstream #4	200	20
Downstream #1	200	10
Downstream #2	200	10
Downstream #3	200	5
Downstream #4	200	20

Fire and Cooldown Data:

Start Time:	12:16 PM	(EST)
Average Test Pressure:	31.2	psig
Combined Leak Rate of Both Gaskets:	11.4	ml/min
Allowable Leakage:	150	ml/min
Is Leakage Below Allowable?:	**YES**	

Post Burn Leakage Test

Start Time:	1:02 PM	(EST)
Average Test Pressure:	30.9	psig
Leak Rate Side A:	3.6	ml/min
Leak Rate Side B:	57	ml/min
Combined Leak Rate of Both Gaskets:	61	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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