

API Standard 607 Fourth Edition
Fire Test Report

Performed for

SGL Technic Inc.
Polycarbon Division



Sigraflex Hochdruck
6 inch Class 300 Gaskets
Project Number: 20292
February 2003



Performed by

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API 607 4th Edition Fire Test Data

Customer: SGL Technic Inc. -Polycarbon Div.

Date: 2/4/2003

Project Number: PN20292

Specification: API 607 4th Edition

Product Code: Sigraflex Hochdruck

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	40
Upstream #2	200	40
Upstream #3	200	55
Upstream #4	200	50
Downstream #1	200	50
Downstream #2	200	50
Downstream #3	200	70
Downstream #4	200	25

Fire and Cooldown Data:

Start Time:	10:36 AM	(EST)
Average Test Pressure:	32.0	psig
Combined Leak Rate of Both Gaskets:	16.9	ml/min
Allowable Leakage:	150	ml/min
Is Leakage Below Allowable?:	YES	

Post Burn Leakage Test

Start Time:	11:21 AM	(EST)
Average Test Pressure:	30.0	psig
Leak Rate Side A:	20	ml/min
Leak Rate Side B:	96	ml/min
Combined Leak Rate of Both Gaskets:	116	ml/min
Allowable Leakage:	150	ml/min
Is Leakage Below Allowable?:	YES	

Does Gasket Pass API 607 Leakage Requirements?: YES

Witnesses

