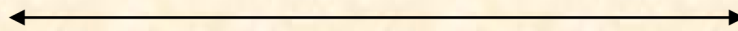


**Fire Test Report**  
**API Standard 607, Fourth Edition**

*Performed for*

**SGL Carbon GmbH**

[www.sglgroup.com](http://www.sglgroup.com)



**6 inch Class 300**  
**Sigraflex APX2 Hockdruck Gasket**

Project Number: 214232

Test Date: August 20, 2014



*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY, LLC**

434 Walnut Hill Road  
North Yarmouth, ME 04097 USA  
(207) 829-5359

[info@yarmouthresearch.com](mailto:info@yarmouthresearch.com)

[www.yarmouthresearch.com](http://www.yarmouthresearch.com)

# Yarmouth Research and Technology

## API 607 4th Edition Fire Test Data

Customer: SGL Carbon GmbH

Date: 8/20/2014

Project Number: 214232

Specification: API 607 4th Edition

Product Description: 6 inch Class 300 Sigraflex APX2 Hockdruck

Gasket Thickness: 2 mm (0.079 inches)

Flange Mfgr: Weldbend

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

### Bolt Torques (ft-lbs)

Bolt Location	At Start of Test	At End of Test
Upstream #1	200	60
Upstream #2	200	175
Upstream #3	200	75
Upstream #4	200	150
Downstream #1	200	200
Downstream #2	200	200
Downstream #3	200	200
Downstream #4	200	200

### Fire and Cooldown Data:

Start Time:	2:58 PM	(EST)
Average Test Pressure:	30	psig
Combined Leak Rate of Both Gaskets:	27	ml/min
Allowable Leakage:	300	ml/min
Is Leakage Below Allowable?:	Yes	

### Post Burn Leakage Test

Start Time:	3:42 PM	(EST)
Average Test Pressure:	30	psig
Leak Rate Side A:	19	ml/min
Leak Rate Side B:	2.8	ml/min
Combined Leak Rate of Both Gaskets:	22	ml/min
Allowable Leakage:	300	ml/min
Is Leakage Below Allowable?:	Yes	

Does Gasket Pass API 607 Leakage Requirements?:	Yes
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Certified by



Matthew J. Wasielewski, PE

President and Manager

Yarmouth Research and Technology, LLC

