

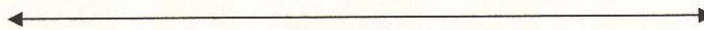
**API Standard 607 Fourth Edition**  
**Fire Test Report**

*Performed for*

**SGL Technic Inc.**  
**SGL Carbon Group**



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



*Performed by*

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**YARMOUTH RESEARCH AND TECHNOLOGY**

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## Yarmouth Research and Technology

### API 607 4th Edition Fire Test Data

<b>Customer:</b> SGL Technic Inc.	<b>Date:</b> 9/9/2003
<b>Project Number:</b> PN20370	
<b>Specification:</b> API 607 4th Edition	
<b>Product Code:</b> Sigraflex Select	
<b>Gasket Thickness:</b> 0.063 inches	
<b>Flange Mfgr:</b> Weldbend	<b>Nut Mfgr:</b> Shih Hsang
<b>Bolt Mfgr:</b> Alloy & Stainless Fasteners VA	
<b>Comments:</b>	
<b>YRT Technician:</b> 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

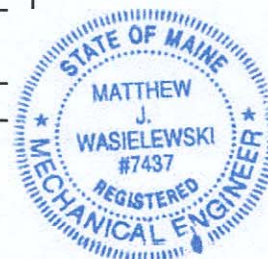
#### **Fire and Cooldown Data:**

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?:	<b>YES</b>	

#### **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?:	<b>YES</b>	

Does Gasket Pass API 607 Leakage Requirements?:	<b>YES</b>
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**Witnesses** \_\_\_\_\_  
*Matthew J. Wasielewski*