

# TÜV NEDERLAND B.V.

SOBA TEST INSTITUTE

Nusterweg 125

6136 KT SITTARD

## FIRE SAFE TEST CERTIFICATE

REGISTRATION / CERTIFICATE N°: 93.087.39A

TÜV Nederland B.V./Division SOBA Test Institute

hereby grants : **SGL-CARBON GmbH**  
**Werner von Siemens Strasse 18**  
**D - 86405 MEITINGEN**

the right to publish this certificate verbatim and unabridged,  
considering the succesful testing by TÜV Nederland B.V. in compliance with the  
**British Standard 6755; Part 2; 1987; "fire type-testing requirements"**  
including amendments up till N°. 6712; 1991.  
The Flange-leak rates applied are the External-leak rates of the forementioned standard.

### TESTGASKETS

**GASKET TYPE** : **SIGRAFLEX HOCHDRUCK** with inner eyelet,  
Grade V20011Z3I with 3 stainless steel inserts

**Nominal Diameter** : **DN 15, DN 32, DN 80, DN 200 and DN 400**

**Pressure Rating** : **ANSI Class 150**

**Gasket Material** : **Graphite** with high-integrity stainless steel foil reinforcement

**Gasket Insert** : **3 pieces of 0.05mm stainless steel 1.4401**

**Inner Eyelet** : **1.4571, 0.15mm**

**Purity** : **According DIN 51903**

**Chloride** : **≤ 20 ppm**

**Testflange Material** : **1.4571**

**Testflange Bolts/Nuts** : **A4 70 / A4 80**

**Date of Testing** : **12-10-1993**

**Report N°.** : **B93.087.39A**

### QUALIFICATION RANGE

This certificate represents the validity for gaskets qualified as:

**GASKET TYPE** : **SIGRAFLEX HOCHDRUCK** with inner eyelet,  
Grade V20011Z3I with 3 stainless steel inserts

**Qualified Sizes** : **DN 15 and larger**  
(NPS ½" and larger)

**Qualified Pressure Ratings** : **ANSI Class 150 and Class 300**  
(PN 16, PN 25 and PN 40)

Sittard, 01-11-1993  
TÜV Nederland B.V.  
SOBA Test Institute

Ing. J.Kesting, Managing Director