

CERTIFICATE

No. 30479202E/FH/24.02.22

In accordance with the Specification API 6FB
(dated December 2008) the gasket

**4 Inch CI 300 Graphite SS316L Expanded
Graphite Filled Spiral Wound Gasket with
SS316 Inner and CS Outer Ring
4" Class 300**



Deutsche
Akkreditierungsstelle
D-PL-12008-01-00

of the gasket manufacturer

**Spira Power Gasket Factory, LLC.
Sohar Industrial Estate, 311 Falaj Al Qabail, Sultanate of Oman**

was tested in respect of fire safety. The test was made under the following conditions:

| | | |
|-----------------------------------|-------------|------------------------|
| Total bolt load: | 547.6 | kN |
| Burn period: | 30 | min |
| Average temperature calorimeters: | > 650 | °C |
| Test pressure (absolute): | 40 | bar |
| Test medium: | Water | |
| Leak rate complete test: | 0.03 | ml/(inch · min) |


After the burn period the connection was to a flange temperature below 100 °C. During the cool-down the connection was still pressurized with the test pressure. Afterwards a pressure test for 5 min was done.

Therefore the gasket is in compliance with the tightness criteria of **1 ml/(inch · min)** of API 6FB during burn period, cool-down and pressure test. The gasket manufacturer can mark the gasket as "**Fire Safe**" in accordance to the specification API 6FB.

This certificate is only valid in combination with the test report 304 792 2/-.

Lauffen, February 24th, 2022

AMTEC Advanced Measurement Messtechnischer Service GmbH


Dipl.-Ing. F. Herkert
Head of Laboratory


B. Eng. M. Metzger
Test Engineer