

# CERTIFICATE

No. 01/LBMU/17.10.2013

**Laboratory  
of Sealing Materials  
SPETECH Sp. z o.o.**

**SPETECH®**  
LBMU

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The metal gaskets:

**SPETOMET® MWK 18  
SPETOMET® MWK 28  
316L / F.G.C**

of the manufacturer:

**C.S.U.T SPETECH Sp. z o.o.  
43-382 Bielsko-Biała, ul. Szyprów 17, Poland**



LB - 124/02



www.tuv.com  
210/A13/5952

were verified in accordance with the VDI 2440:2000 the compliance with the tightness criteria.  
The test was performed under the following conditions:

geometry:	53/69/4	mm/mm/mm
initial gasket stress:	84,8	MPa
temperature of exposure:	300	°C
period of exposure:	48	h
remaining gasket stress:	46,0	MPa
test pressure (absolute):	1	bar
period of leakage measurement:	22	h
test medium:	helium	

The leak rate at the end of the period of the leakage measurement was:

$$2,74 \cdot 10^{-6} \text{ mbar} \cdot \text{l}/(\text{m} \cdot \text{s})$$

The requirement of VDI 2440 is, in test temperature, the leakage must be less than  $1 \cdot 10^{-4}$  mbar·l/(m·s). Therefore the gaskets fulfill that criteria and can be used in flange connections as a high-grade TA-Luft seals .

This certificate is valid only with the test report No. TALG/17102013/01/LBMU

Bielsko-Biała, October 17<sup>th</sup>, 2013

M.Sc.Eng. Janusz Zającek