

# CERTIFICATE

No. 02/LBMU/22.11.2013

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

**SPETECH**  
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The metal gaskets:

**SPETOMET® MWK 10**  
**SPETOMET® MWK 20**  
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:	83,7	MPa
temperature of exposure:	300	°C
period of exposure:	48	h
remaining gasket stress:	55,3	MPa
test pressure (absolute):	1	bar
period of leakage measurement:	24	h
test medium:	helium	

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

**$1,92 \cdot 10^{-5}$  mbar·l/(m·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/22112013/02/LBMU

Bielsko-Biała, November 22<sup>th</sup>, 2013

M.Sc.Eng. Janusz Zajączek