



## Attestation of the leakage rate

No. IS-AN5-MUC-2212-100331062-001

**Zuercher Technik AG**  
**Neumattstrasse 6**  
**4450 Sissach / Schweiz**

We hereby confirm that the leakage rate of the following named pressure reducing regulators of the Zürcher-Technik AG have been tested and accepted according to VDI 2440 (11/2000) / VDI 3479 (05/2002) / DIN EN ISO 15848-1 (04/2006). The details are outlined in the pertinent report.

### Product description:

- Low pressure reducing regulator BR und BS: DN 15 - DN 50
- Medium pressure reducing regulator MRCib und MSCib: DN 15 - DN 50

### The product satisfies the following requirements:

- leakage tested with helium acc. to VDI 2440 (11/2000) / VDI 3479 (05/2002)
- DIN EN ISO 15848-1 (04/2006)
- specified sealing design
- number of cycles: 60.500
- ageing temperature: 160 °C

### Performance category:

Low pressure reducing regulator BR/BS: DN 15 - DN 50  
 ISO FE BH-CO61-SSA 0-t (-29 °C, 160 °C) - PN 16

Medium pressure reducing regulator MRCib/MScib: DN 15 - DN 50  
 ISO FE BH-CO61-SSA 0-t (-29 °C, 160 °C) - PN 16

The products meet the requirements of leakage acc. to TA-Luft, clause 5.2.6.4. (24 July 2002).

The attestation includes the leakage evidence according to VDI 2440 / VDI 3479 / EN ISO 15848-1 and respectively the compliance of the specific leakage rate [ $\lambda \leq 1 \cdot 10^{-4} \text{ mbar} \cdot \text{l} \cdot \text{s}^{-1} \cdot \text{m}^{-1}$ ] and extended tests of above named operating conditions (performance category).

**This attestation is valid until 31 October 2023.**

Munich, 01 December 2022

TÜV SÜD Industrie Service GmbH  
 Institute for Plastics

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