



Industrie Service

Confirmation as per TA Luft / VDI 2440 / VDI 3479

ARTES VALVE & SERVICE GmbH
Parkallee 7
16727 Velten

Attestation No. IS-AN5-MUC-2210-5010407217-001

We hereby confirm that the Type G control and shut-off ball valve specified below and made by the above company was tested and approved according to VDI 2440 / VDI 3479 under application of stricter requirements. For more detailed information see test report No. 3099629.

Product description:

- Control and shut-off ball valve type G
- Nominal diameter DN 25-DN 800 or 1"-32"
- Nominal diameter and pressure levels according to datasheets

The product satisfies the following requirements:

- TA-Luft standard (measurement of leakage) as per VDI 2440 / VDI 3479

Operating conditions:

- Control ball valve
- Vacuum method / Helium Annex A
- Tightness class BH₁
- Ageing temperature: -15 °C - 200 °C;
- Visual verification of the required surface pressure in accordance with the operating instructions
- Load cycles 30,000 (CC1)
- Specified structure of the seal assembly

The product meets the requirements for leakage measurement defined in Section 5.2.6.3 & 5.2.6.4 of the TA-Luft standard.

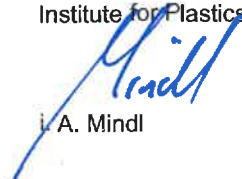
The attestation covers leakage measurement carried out on the following seals of a Type G control and shut-off ball valve— stem seal, housing flange seal / packing housing & housing flange seal / housing connections as per VDI 2440/VDI 3479 to verify tightness or compliance with the specific leakage rate defined in the TA-Luft standard [$\lambda \leq 1 \times 10^{-4}$ mbar x l/(s x m); $\Delta p = 40$ bar depending on type] and extended tests under the above operating conditions.

Validity of this attestation only commences upon completion of leak and material testing by ARTES VALVE & Service GmbH in Velten and preparation of a manufacturer's certificate by same in accordance with EN10204 3.1, including the exact type designation plus serial number.

This attestation is valid to **October 2025**.

Munich, 27 October 2022

TÜV SÜD Industrie Service GmbH
 Institute for Plastics


 A. Mindl

