

Confirmation

Nr. 30541902E/SW/14.05.2025

A valve with the brand name

**control valve RCV (Kalrez)
NPS1/2" / 5000psi**

of the manufacturer

**Badger Meter Inc.
US – 53223-0099 Milwaukee**

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was tested according to DIN EN ISO 15848-1 (dated July 2017) in the test laboratory at amtec. The following sealing systems were used:

stem sealings:

- 1 pc. packing set REK1A, consisting of 1 ring Kalrez – 1 ring PTFE – 1 ring Kalrez;
material: Kalrez Compound 3035 / PTFE; manufacturer: DuPont;
dimensions: Ø 11.125 x Ø 4.763 mm.

body sealings:

- 1 pc. gasket; material: stainless steel 316L;
dimensions: Ø 32.0 x Ø 24.0 x 0.9 mm.

The performance class of the tested valve is:

ISO FE CH – CC1 – SSA 0 – tRT – (345 bar) – ISO 15848-1

The TA Luft (dated 2021) Chapter 5.2.6.4 shut-off and control valves requires for pressures of ≤ 40 bar and design temperatures of ≤ 200 °C the leak rate LB ($\leq 10^{-4}$ mg/(s·m)) referred to the shaft circumference. For pressures of ≤ 40 bar and design temperatures > 200 °C and for pressures of > 40 bar and design temperatures ≤ 200 °C the leak rate LC must be met, and shall be reached for design temperatures > 200 °C. Based on the type test according to DIN EN ISO 15848-1, the tightness class achieved was checked for compliance with the requirements of the TA Luft. Due to the tightness class CH achieved in the type test, which corresponds to the leak rate LC, **the tested valve control valve RCV (Kalrez) of the manufacturer Badger Meter Inc. is in compliance with the requirements of the TA Luft (dated 2021).**

This confirmation is valid only in connection with the test report 3054191/- and the boundary conditions listed therein.

amtec Advanced Measurement Messtechnischer Service GmbH
Lauffen, May 14th, 2025

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