

DECLARATION BY THE MANUFACTURER

ORIGINAL



Manufacturer's declaration on the new version of the First General Administrative Regulation on the Federal Immission Control Act (technical instructions on air quality control - TA Luft)

We, ARCA Regler GmbH, hereby certify that the products listed below have been tested and approved in accordance with the measurement, testing and qualification procedures for fugitive emissions - Part 1: classification system and qualification procedures for type testing of valves.

Scope of validity:

- o ECOTROL® - valves of the 8C and 6N series
- o Nominal size DN 15 - 400; NPS ½" - 16"
- o Nominal pressure range PN 10 - 40; ANSI Class 150-300

We hereby declare that the named products, shaft seal consisting of V-rings with additional fine sealing element and static body gasket, are suitable for use in accordance with DIN EN 15848-1. The tests were carried out using helium as the test medium.

Performance category: **ISO FE BH - CC3 - SSA 0 - t200°C - (51/51) - ISO 15848-1**

ISO FE	Test for fugitive emissions
BH	Tightness class - housing seal ≤ 50 [ppmv] and stem seal $\leq 1.78 * 10^{-6}$ [mbar*l/(s*mm)]
CC3	100,000 number of switching cycles with 4 temperature cycles
SSA 0	No readjustment of the shaft seal
t200°C	Temperature Class RT up to 200°C
51/51	Test pressure 51 bar, Class 300

Manufacturer: ARCA Regler GmbH, Kempener Strasse 18, 47918 Tönisvorst, Germany

Tönisvorst, 29.01.2024

i.V. N. Dicks
Head of Design and Development

i.V. U. Lambertz
Quality Assurance Manager

This declaration certifies the conformity to the specified directives but contains no assurance of properties. The safety instructions accompanying the product shall be considered in detail.