



CERTIFICATE

No. 48B/585/22.11.2022/C

Laboratory
of Sealing
Materials

SPETECH Sp. z o.o.

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Fugitive Emission Test Certificate PN-EN ISO 15848-1:2015



Manufacturer: **Zakłady Automatyki „POLNA” S.A.**
Test location: Laboratory of Sealing Materials SPETECH
Test start date: From 08.11.2022 to 21.11.2022
Tested valve: **Control valve Z1A DN 25 CL 2500**
Serial No.: 3759/2022
Sealing type: Garlock 1303 FEP 20x12x20
Leak detection method: Sniffing method acc. to PN-EN ISO 15848-1:2015
Used detector: Helium Leak Detector - Phoenix L300i
Requirements: **The test acc. to PN-EN ISO 15848-1:2015/A1: range to 60000 open/close cycles, 400°C, test medium - helium, tightness class CH,**
Test results: **stem leak** $3,67 \cdot 10^{-5}$ mbar·l/(s·mm),
body leak 12,1 ppmv.

The control valve can be classified according to PN-EN ISO 15848-1
in tightness class CH as:

ISO FE CH – CC2 – SSA 2 – t400°C – (110/110)-ISO 15848-1.

According to the Report No. 48/585/22.11.2022/R

Extension of qualification: This Certificate covers control valves that meet the provisions of point 8 of the PN-EN ISO 15848-1:2015 standard and:

- having a stem diameter of 6 mm to 24 mm
- pressure up to 110 bar

This Certificate is not an opinion about the tested product.

Bielsko-Biała, November 30th 2022

M.Sc.Eng. Janusz Zajaczek

This Certificate is only valid with the Test Report No 48/585/22.11.2022/R.

Ver. 1