Certificate

Certificate of Conformity with Fugitive Emission Testing According to

ISO 15848-1:2015 + Amd 1:2017

Certificate no.:	**01 202 CHN/K-250171**
Name and address of the applicant / license holder:	**Chongqing Chuanyi Control Valve Co., Ltd.** No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707

We hereby certify that the results of valve fugitive emission type test carried out under our inspection on the below industrial valve(s) meeting the requirements in the standard mentioned above.
This certificate does not imply assessment of the product production. It reflects only our inspection for tested valve described herein at the time and the place of test, and does not refer to any other matters.
Detail valve technical data and manufacturer's information, refer to appendix and test report.

Name and address of the manufacturer:	**Chongqing Chuanyi Control Valve Co., Ltd.** No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707
Model/ Type identification:	VFR Series Eccentric Rotary Valve, DN150 Class 300
Description of tested valve:	VFR Eccentric Rotary Valve, DN150 Class 300, Body material: ASTM A351 CF8, Stem Material: ASTM A564 630
General drawing number:	VFREA3-150-000-0007
Stem size:	Φ32mm
Test standard:	ISO15848-1:2015+Amd 1:2017
Test medium / Allowable leakage:	Helium / $\leq 5.70\times10^{-5}$ mbar × l/s(stem seal), ≤50ppmv(body seal)
Test results:	Acceptable
Test report number:	SICCV-TA25003
Performance class:	ISO FE BH–CC2–SSA0–t-46°C【200°C】–CL300–ISO15848-1

Extension of qualification to untested valves in accordance with ISO15848-1: 2015 Paragraph 8

Other stem size qualified for:	Ø16~64mm
Other pressure ranges qualified for:	Class 300 or lower

Place: Shanghai

Owen Wu
Technical Manager

Date: 21 March, 2025

TÜV Rheinland (Shanghai) Co., Ltd.

TÜV Rheinland® Inspection Body

TÜV Rheinland (Shanghai) Co.,Ltd.
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Appendix 1

Certificate No.
01 202 CHN/K-250171

Our Reference
Order No. 326101102-3

Construction & Test Data

Name and address of the applicant / license holder:
Chongqing Chuanyi Control Valve Co., Ltd.
No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707

Name and address of the manufacturer:
Chongqing Chuanyi Control Valve Co., Ltd.
No. 879 Caihe Road, Caijiagang Town, Beibei District, Chongqing, P.R. China 400707

Test facility: **Chongqing Chuanyi Control Valve Co., Ltd.**

Test report No.: SICCV-TA25003

Model/ Type identification:	VFR Series Eccentric Rotary Valve, DN150 Class 300
Description of tested valve:	VFR Eccentric Rotary Valve, DN150 Class 300, Body material: ASTM A351 CF8, Stem Material: ASTM A564 630
Serial No. of tested valve:	NQ202106190159
General drawing number:	VFREA3-150-000-0007
Stem drawing number:	VFREA3-150-003-0002
Stem size:	Ø32mm
Stem sealing type / Size (Ring Qty.):	Packing: PTFE / Φ40×Φ60×41.7 mm (8)
Body sealing type / Size (Ring Qty.):	Gasket: 316L+Graphite / Φ48×Φ60×3.2 mm (1)
Test medium/ Allowable leakage:	Helium / ≤5.70×10^{-5} mbar × l/s(stem seal), ≤50ppmv(body seal)
Test result/ Leakage rate:	Passed / 2.3×10^{-6} mbar × l/s(stem seal), 6ppmv(body seal)
Performance class:	ISO FE BH–CC2–SSA0–t-46°C【200°C】–CL300–ISO15848-1

The valve and test details are as mentioned above. The test valve is selected by the manufacturer.

Extension of qualification to untested valves in accordance with ISO15848-1: 2015 Paragraph 8

Other stem size qualified for: Ø16~64mm
Other pressure ranges qualified for: Class 300 or lower

Zhao Botao
Project Manager
Date: 21 March, 2025

Place: Shanghai

Owen Wu
Technical Manager
Date: 21 March, 2025

TÜV Rheinland (Shanghai) Co., Ltd.

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