Certificate

Certificate of Conformity with Fugitive Emission Testing According to

ISO 15848-1:2015 + Amd 1:2017

Certificate no.:	**01 202 CHN/K-250310**
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:	VBJG Butterfly Valve, DN450 Class 1500
Description of tested valve:	VBJG Butterfly Valve, DN450 Class 1500, Body material: ASTM A182 F11, Stem Material: ASTM B637 N07718
General drawing number:	JVBJGF1A-450-000-0002
Stem size:	Φ110 mm
Test standard:	ISO15848-1:2015+Amd 1:2017
Test medium / Allowable leakage:	Helium / $\leq 1.96\times10^{-5}$ mbar × l/s(stem seal), ≤50ppmv(body seal)
Test results:	Acceptable
Test report number:	SICCV-TA25012
Performance class:	ISO FE AH–CO2–SSA0–t-29°C【400°C】–CL1500–ISO15848-1

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

Other stem size qualified for:	Ø55~220 mm
Other pressure ranges qualified for:	Class 1500 or lower

Place: Shanghai

Owen Wu
Technical Manager

Date: 18 July, 2025

TÜV Rheinland (Shanghai) Co., Ltd.

TÜV Rheinland® Inspection Body

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Appendix 1 | Certificate No. **01 202 CHN/K-250310** | Our Reference Order No. 326101102-5

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-TA25012

Model/ Type identification:	VBJG Butterfly Valve, DN450 Class 1500
Description of tested valve:	VBJG Butterfly Valve, DN450 Class 1500, Body material: ASTM A182 F11, Stem Material: ASTM B637 N07718
Serial No. of tested valve:	D202209110001
General drawing number:	JVBJGF1A-450-000-0002
Stem drawing number:	JVBJGH1A-450-003-0002
Stem size:	Ø110mm
Stem sealing type / Size (Ring Qty.):	Packing: Graphite / Φ110×Φ134 mm (5)
Body sealing type / Size (Ring Qty.):	Gasket: Inconel 600+4122 / Φ134×Φ145×3.0 mm (1)
Test medium/ Allowable leakage:	Helium /≤1.96×10^{-5} mbar × l/s(stem seal), ≤50ppmv(body seal)
Test result/ Leakage rate:	Passed / 3.6×10^{-7} mbar × l/s(stem seal), 3ppmv(body seal)
Performance class:	ISO FE AH–CO2–SSA0–t-29°C【400°C】–CL1500–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: Ø55~220 mm
Other pressure ranges qualified for: Class 1500 or lower

Zhao Botao
Project Manager
Date: 18 July, 2025

Place: Shanghai

Owen Wu
Technical Manager
Date: 18 July, 2025

TÜV Rheinland (Shanghai) Co., Ltd.

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