

Certificate

Certificate of Conformity with Fugitive Emission Testing According to ISO 15848-1 2nd Edition:2015 + A1:2017

Certificate no.:

01 202 CHN/K-220542-Z

Name and address of the
applicant / license holder:

Geko Flow Control Technology (Changzhou) Co., Ltd.
No.67 Shunshan Road, zhenglu Town, Tianning District,
Changzhou, Jiangsu, P.R. China

We hereby certify that the results of Valve Stem Assembly Sealing System tests 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.

Model/ type identification

4" CL300 Ball Valve

Description of tested valve:

Ball Valve, NPS 4, CL300, Body: ASTM A351 CF8M, Stem: SS316, Stem Sealing: RTFE(Stem packing), Viton(Stem O-ring)

**Name and address of the
Manufacturer:**

Geko Flow Control Technology (Changzhou) Co., Ltd.
No.67 Shunshan Road, zhenglu Town, Tianning District,
Changzhou, Jiangsu, P.R. China

General drawing number:

GKV225 1/2"~4" CLASS 300

Test report number:

202210-FMW-005

Test medium/ Criteria:

Helium/ $\leq 5.34 \times 10^{-5}$ mbar \times l/s (stem seal)
 ≤ 50 ppmv (body seal)

Test result:

Passed/ Max. 2.3×10^{-6} mbar \times l/s (stem seal)
Max. 29.3 ppmv(body seal)

Performance class:

ISO FE BH-CO1-SSA 0-tRT(180°C)-CL300-ISO15848-1

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

Other valve stem size qualified for: $\varnothing 15 \sim 60$ mm

Other pressure ranges qualified for: Equal Class 300Lb or lower

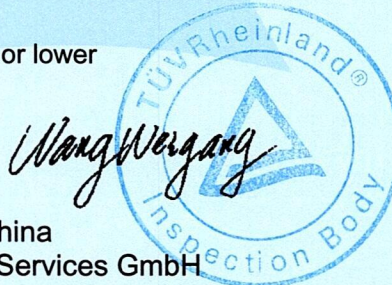
Place: Beijing

Date: 7, Nov. 2022

Wang Weigang
Project Manager

TÜV Rheinland Greater China

TÜV Rheinland Industrial Services GmbH



TÜV Rheinland (China) Ltd.
Unit 707, AVIC Building, No. 10B, Central Road, East 3rd Ring Road,
Chaoyang District, Beijing 100022, China, Tel.: 010-65666660

ISO 15848 Rev. 20220914

Appendix 1

Certificate No.
01 202 CHN/K-220542-ZOur Reference
Order No. 190143265

Construction & Test Data

Name and address of the applicant / license holder: Geko Flow Control Technology (Changzhou) Co., Ltd.
No.67 Shunshan Road, zhenglu Town, Tianning District,
Changzhou, Jiangsu,P.R. China

Name and address of the Manufacturer: Geko Flow Control Technology (Changzhou) Co., Ltd.
No.67 Shunshan Road, zhenglu Town, Tianning District,
Changzhou, Jiangsu,P.R. China

Test Facility: National Quality Inspection and Testing Center of Pressure
Valve Products

Test Report No.: 202210-FMW-005

Model/ Type identification	4" CL300 Ball Valve
Description of tested valve:	Ball Valve, NPS 4, CL300, Body: ASTM A351 CF8M, Stem: SS316, Stem Sealing: RTFE(Stem packing), Viton(Stem O-ring)
Serials Number of tested valve:	GK20220818F
Performance Class:	ISO FE BH-CO1-SSA 0-tRT(180°C)-CL300-ISO15848-1
General Drawing Number:	GKV225 ½"~4" CLASS 300
Stem Drawing Number:	GKV225
Packing type:	GK300RF-225-A16
Stem Sealing:	Stem Sealing: RTFE(Stem packing), Viton(Stem O-ring)
Stem Size:	Ø30 mm
Test medium/ Criteria:	Helium/ $\leq 5.34 \times 10^{-5}$ mbar \times l / s (stem seal) ≤ 50 ppmv (body seal)
Test result/ Leakage rate:	Passed Max. 2.3×10^{-6} mbar \times l / s (stem seal), Max. 29.3 ppmv(body seal)

The Valve Sealing System is in compliance with the above mentioned requirements. The test and the classification is based on a type approval and does not include the factory inspection.

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

Other valve stem size qualified for: Ø15~60 mm
Other pressure ranges qualified for: Equal Class 300Lb or lower

Liu Feng
Liu Feng
Project Engineer
Date: 7, Nov. 2022

Place: Beijing

Wang Weigang
Wang Weigang
Project Manager
Date: 7, Nov. 2022

TÜV Rheinland Greater China
TÜV Rheinland Industrial Services GmbH

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