

Certificate

**Certificate of Conformity with Fugitive Emission
Testing Acc. to
EN ISO 15848-1:2015+2017Amd**

Certificate no.: **01 202 TWN/K-210216-01**

Name and address of
the applicant / license
holder :

**Valwell Development Enterprise Co., Ltd.
No. 61 Alley 6, Lane 296, Pengyi Rd., Taiping Dist.,
Taichung City 41146, Taiwan, R.O.C.**

We hereby certify that the results of Valve Stem Assembly Sealing System tests carried out under our witness on the industrial valve(s) below meeting the requirements in the standard mentioned above.

This certificate does not imply assessment of the product production. It reflects only our witness findings to 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 Information refer to Appendix and Test Report.

Model/ Type identification **VW52F**
Description of tested valve: **3", Class 300, Ball Valve**
Test Report No.: **T11004004**
Performance Class: **ISO FE AH—CO3—SSA0—tRT(100°C)—Class300—ISO 15848-1**

Name, Address of
Manufacturer :

**Valwell Development Enterprise Co., Ltd.
No. 61 Alley 6, Lane 296, Pengyi Rd., Taiping Dist.,
Taichung City 41146, Taiwan, R.O.C.**

Certificate valid until:

April 23, 2031

**TÜV Rheinland Taiwan Ltd.
Industrial Services & Cybersecurity**

**Taipei/Taiwan,
2022/02/10**

Dr. Fuh-Wen Shiue
Dr. Fuh-Wen Shiue



Appendix to Certificate 01 202 TWN/K-210216-01

Construction & Test Data

Name and address of the applicant / license holder : **Valwell Development Enterprise Co., Ltd.
No. 61 Alley 6, Lane 296, Pengyi Rd., Taiping Dist.,
Taichung City 41146, Taiwan, R.O.C.**

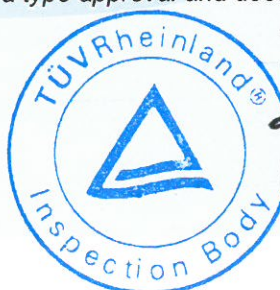
Name, Address of Manufacturer : **Valwell Development Enterprise Co., Ltd.
No. 61 Alley 6, Lane 296, Pengyi Rd., Taiping Dist.,
Taichung City 41146, Taiwan, R.O.C.**

Test Report No.: **T11004004**

Model :	VW52F
Nominal Diameter / Nominal Pressure :	3" / Class 300
Type of Valve	Ball Valve
Stem Size/Stem Drawing:	28mm / T19-TA200612; 2020/12/10
Body /Stem Seal Drawing:	P09-TA200612; 2020/12/10; RG013-52Q-F080; 2010/01/09
Stem Sealing Material:	Graphite+Viton O-ring
Body Sealing Material:	Graphite
Assembly Drawing:	VW52F-B01-TA201209; 2020/12/10
Test Gas:	Helium
Tightness Class:	AH; Leakage Rate $\leq 10^{-5}$ mg / (s.m) or $\leq 1.78 \times 10^{-7}$ mbar·l/(s.mm)
Endurance Class:	CO3; 2,500 mechanical cycles
Temperature Class:	RT to 100°C
This products fulfills the requirement of specified setting of sealing gasket for stem performance and housing seal/packing of TA-Luft 2002 - Technical Instructions on Air Quality Control, Section 5.2.6.4 of 2002/7/24 in connection with VDI 2440, section 3.3.1.3.	

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.

Taipei/Taiwan,
2022/02/10



**TÜV Rheinland Taiwan Ltd.
Industrial Services & Cybersecurity**

Dr. Fuh-Wen Shiue
Dr. Fuh-Wen Shiue

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