

Certificate

**Certificate of Conformity with Fugitive Emission
Testing Acc. to**

TA-Luft 2002, Sec. 5.2.6.4

VDI 2440 Nov. 2000, Sec. 3.3.1.3

Certificate no.:

01 202 TWN/K-130107

Name and address of
the applicant / license
holder :

Zipson Steel Industrial Co., Ltd.

**No. 9, Chen Kong 2st., Minhsung Industrial Park, Chia-Yi
621, 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 at the time and the place of test, and does not refer to any other matters. This certificate only includes the external leakage test to the stem assembly, excluding any valve body part or sealing leak rate measurement.

Model/ Type identification 207-2"; 2pcs Flanged End Ball Valve

Description of tested valve: 2"; 2pcs Flanged End Ball Valve; Class 150/PN 16; PTFE Seated,
Detail Valve Technical Data and Manufacturer Information Refers to
Appendix and Test Report.

Test Report No.: 10203062-2

Test Criteria: The valve sealing system was checked in regard of fulfillment of the
hermetical criteria of $1.0 \times 10^{-4} \text{ mbar} \times \ell / (\text{s} \times \text{m}) (=5.56 \times 10^{-6} \text{ atm} \times \text{cc/sec})$ by using a Helium Mass Spectrometer.

Test Results/ Leakage
Rate : $4.1 \times 10^{-7} \text{ atm} \times \text{cc} / \text{sec}$

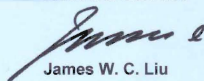
Test Conditions: Pressure: 19.3 kgf/cm^2 , Temperature: RT

Name, Address of **Zipson Steel Industrial Co., Ltd.**

Manufacturer : **No. 9, Chen Kong 2st., Minhsung Industrial Park, Chia-Yi 621,
Taiwan, R.O.C.**

Certificate valid until: **May 23, 2023**

**TÜV Rheinland Taiwan Ltd.
Industrial Services**


James W. C. Liu

**Taipei/Taiwan,
2013/07/22**

