



CERTIFICATE

(Certificate of conformity with technical requirements in:
ISO 15848-1:2017-07&TA-LUFT 2021)

Certificate No.: 327453

Ref. Test report No.: 327452

Manufacturer: SOR INC.
Address of manufacturer: 14685 West 105th Street Lenexa, Kansas 66215-2003,
United States

We hereby certify that the fugitive emission test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ISO 15848-1:2017-07. The testing results of valves meet the requirements of ISO 15848-1:2017-07 and TA-Luft 2021.

1. Description of Test Valve:

Valve type:	NPS1/2 2000PSIG Sample Valve
Body:	ASTM A182 316/316L SST
Stem:	316 SST
Stem diameter:	Φ4.8 mm
Packing	ASTM A182 316/316L SST
Shim Washer:	GRAFOIL
Adapter Docking Plate:	ASTM A182 316/316L SST
Drawing No.:	BBSS_TA-LUFT

2. Test conditions and results:

Stem Motion:	Lift
Test medium:	Helium (99.999% minimum purity)
Tightness classes:	AH
Endurance class:	CO1
Stem seal adjustment:	SSA 0
Temperature class:	RT~57°C
Test Pressure:	13.80 Mpa for RT, 13.10 Mpa For 57°C

3. Qualified Range of Valves:

Extensi onof qualification to untested valve in accordance with paragraph8 of ISO 15848-1.

Other stem diameters qualified:	Φ2.4mm through Φ9.6mm
Other pressure ranges qualified:	2000PSIG and below

This certificate is issued according to ISO 15848-1:2015/AMD 1:2017, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on all valves of the same basic design according to ISO 15848-1:2015/AMD 1:2017 Paragraph 8. The Valves qualified by this standard shall be clearly and permanently marked as "ISO FE". Details could be taken from the associated report with the No.:

Shanghai, July. 10, 2025
(Place, date)

