



Italia

Scegli la certezza.
Aggiungi valore.

FUGITIVE EMISSION/TA LUFT TYPE TEST CERTIFICATE

CERTIFICATE NUMBER: TAL - 039306 – 067

The undersigned Fabio Locatelli ,Inspector of TÜV Italia Srl, did attend at request of

Company/Manufacturer: GhibsonItalia srl – Via Dozza ,2 – I – 40069 - Zola Predosa - Bologna
order no.OA001544.

with the purpose of witnessing the FUGITIVE EMISSION TEST/VDI2440 (TA-LUFT) according to

Test Specifications: EN ISO 15848-1:2015 + A1:2017 ; VDI 2440:2000

on the following valve manufactured and assembled in accordance with drawings: Dwg.050.0004-1.
For the test see report Omeco Lab. SPS/0189/18 of 05.07.2018.

Tested valve

Valve type and figure	BVHD s.n.:B18-14865
Valve Size	DN100 PN10/25
ASME Class	PN 25 ANSI 150
Stem diameter	18 mm
Packing	Top & bottom anti-extrusion ring(graphite+inconel 625) + n° 5 ring expanded graphite
Reference standards	API 609 , ASME B16.34 , EN 593

Instrumentation

Mass Spectrometer	PHOENIX L300 identif. SPS-0374
Vacuum Detector	Leybold Pirani Identif. SPS-0362+SPS-0363
Vacuum pump	n.a.
Test fluid	Helium grade 5.0

Test characteristics

Test Specifications	EN ISO 15848-1:2015 + A1:2017
Tightness Class	BH
Endurance Class	C02
Temperature Class	-29°C up to RT (5°C to +40°C)
Performance Class marking	ISO FE BH – C02 – SSA1 – t(-29°C,RT) – PN25 – ISO 15848-1

TÜV ITALIA S.R.L.
TÜV SÜD Group

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Cod. Identificazione CEE IT 02055510966
Capitale sociale : Euro 500.000 int. Vers.



Italia

Extension of qualification to untested valves

Valve Types	BVHD ; BLHD
Stem diameter range	9,0 mm to 36mm
ASME Class range	DN 40 to DN 300 – NPT 1.1/2" to 12"
Tightness Class	BH and lower

CONCLUSIONS

Taking into account the specific testing outfit and the type of leak detector instrumentation used, above described, the recorded leak values satisfy the Fugitive Emission Test as per VDI 2440 requirements with leaks lower than $1,0 \times 10^{-4} \text{ mbar} \cdot \text{l}/(\text{s} \cdot \text{m})$.

The type of gasket tested satisfies the Fugitive Emission Test as per VDI 2440 equivalence criteria, taking however into account:

the presence of a test equipment as well as the loading recommended. The present qualification is valid for gaskets of different size but with the same design and material. Any change shall be evaluated and qualified.

**We hereby certify that the above listed item has been tested according to:
requirements of Fugitive Emission Test as per VDI 2440 Ed. 2000
(Emission control mineral oil refinery), with satisfactory result**



TUV
INSPECTOR
F. Locatelli

CERTIFICATION DATE

05.07.2018



MANAGEMENT OF
INSPECTION SERVICE
M. Ghidotti