



**Fugitive emission certificate  
Type Approval  
According to TA-LUFT and EN ISO 15848-1:2015**

**OMC s.r.l.  
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Pecchi (MI)- ITALY**

Hereby, it is certified that the OMC valves with packing **EcoPack 1** and **EcoPack2** of the above mentioned Company has been teste and approved according to TA-LUFT VDI 2440:2000 and EN ISO 15848-1:2015. Details could be taken from the corresponding test report 01-OMC-18.

The Product meets the following requirements to EN ISO 15848-1:2018:

Valve with:

ECOPACK 1 with Stem Diameter : 12 mm

ECOPACK 2 with Stem Diameter : 20 mm

Test has been performed on the following valve:

Valve: Globe 2-ways

Model : Serie KA20

Size: 1" 1/2

Rating: ANSI 600 (ANSI B16.5)

Material Body : Carbon Steel ASTM A216 WCC

Packing: EcoPack1

Stem Diameter: 12 mm

Pressure Test: at RT: 110 Bar +/-2 Bar / at 300 °C: 80+/- 2 Bar

Temperature Test : from Room Temp to 300 °C +/-5 °C (Added 50 Cycles Step at 400 °C +/-5 °C)

Method: Vacuum method for stem, sniffing methodfor body seal

Fluid: Pure Helium

**CONCLUSIONS / REMARKS**

Here with is stated that a conformity test according to the above mentioned standard has been carried out with satisfactory results:



**IN BASE TO THE RESULT OF SSA, MECHANICAL CYCLE EXECUTED AND  
MAXIMUM HELIUM SIGNAL MEASURED AT STEM, IN BASE TO NORMATIVE ISO  
15848-1:2015 AND ITS TABLE C.2 IN ANNEX C,  
THE TYPE VALVE IS QUALIFIED AS:**

**ISO FE BH – CO1 – SSA0 – t(RT-300 °C) – CL600 – ISO 15848-1**

**A further test was executed incrementing the body temperature at 400 °C and  
adding 50 Cycle. The final helium leakage measured was compliant with the  
maximum leakage admitted.**

**The maximum Helium signal from Stem was 1,33e-5 mBar l/s also after heating  
to 400 °C**

**Extension of qualification to untested valves:**

- 1) The valves of the same type of Construction two and three ways.
- 2) The valves Class or PN designation is equal or lower.
- 3) Stem diameters are within the range of 50% lower and 200% higher of those of the test valve.

