

CERTIFICATE

This certificate with No. I-125508/02 is the result of Helium shaft leak tests performed on a

CROTTI FORTUNATO s.n.c.
DN 50 ASA 300 RF Ball Valve

with reference to the requirements of TA LUFT (Technische Anleitung zur Reinhaltung der Luft Point 5.2.6.4) and with reference to ISO / WD 15848 Part 1

COMPANY	CROTTI FORTUNATO s.n.c. – Muggiò (MI)
TEST LOCATION	Laboratory OMECO, Monza (MI)
TIME OF TESTING	From 14 th to 19 th November 2002
TESTED VALVE	Ball valve, nominal diameter DN 50, nominal pressure class 300 (53 bar), flanged RF, body material 316 L
REQUIREMENTS	Equivalence criteria of shaft sealing system according to TA LUFT ed. July 2002 under Point 5.2.6.4 Endurance test: 2.500 cycles (4 cycles/1') at ambient temperature with actuator
LEAK DETECTION METHOD	Helium Leak Detector (Vacuum Method)/ Mass Spectrometer type Balzers HLT 150
PACKING MATERIAL	PTFE Rings, Pure Graphite Ring, O-Ring 3050 Viton
PACKING SEALING CONFIGURATION	As per attached drawing No. 1003/CRO Rev. 0
TEST RESULTS	The described valve shaft sealing system satisfies the TA LUFT equivalence criteria for pressure valve service conditions without shaft sealing adjustments after 2500 cycles.

IMPORTANT:

This certificate must be referred to the **OMECO Test Report SPS/0268/02** and the **OMECO procedure SPS-008 Rev. 0**.

Date of issue: 16/12/2002

Place of issue: Cinisello Balsamo (MI)



The Inspector
 Ing. H. Oberhofer
[Signature]