



Italia

TA-LUFT CERTIFICATE

Technical Instruction on Air Quality Directives item 5.2.6.4 (VDI 2440)

CERTIFICATE NUMBER: **TAL- 00659-069**

<u>Company/Manufacturer</u>	OMAL S.p.a.
<u>Test Location</u>	Via Brognolo 12, 25050 Passirano (BS) - Italy
<u>Time of testing</u>	From 20 st to 29 th September 2017
<u>Tested Material</u>	Split Body Floating Ball Valve 2" FB PN40 (PROCHEMIE 60)
<u>Requirements</u>	VDI 2440 Ed.11 (Nov.2000); ISO 15848-1 Ed.2015 CC2 (60000 Cycle)
<u>Leak detection Method</u>	Mass spectrometer (ADIXEN ASM 340WET) VS Calibrated Leak S0 FC14002500
<u>Test Results</u>	Satisfactory

CONCLUSIONS

Taking into account the specific testing outfit and the type of leak detector instrumentation used, above described, the recorded leak values satisfy the "TA LUFT" requirements (with reference to the existing literature), with leaks lower than 10^{-4} mbar l/(s m).

The type of valve tested with its packing system satisfies the "TA LUFT" equivalence criteria, taking however into account that:

The presence of a safety or a secondary packing system as well as the spring loading option is recommended in order to satisfy as well the qualitative aspect of the equivalence criteria. The validity of the present qualification beyond the tested geometrical or non essential variables (i.e. stem diameter) are not defined in the TA LUFT directive, and are not yet officially quantified by international standards.

Therefore the extension of this qualification to other valves is left to the acceptance rules of the customer or final user.

TÜV ITALIA S.R.L.
TÜV SÜD Group

Direzione e Sede Amministrativa:
Via Giosuè Carducci, 125 edificio 23
20099 Sesto San Giovanni (MI)
Sede legale: Via Mauro Macchi, 27 20124 Milano
Società soggetta al controllo e al coordinamento di
TÜV SÜD AG

Telefono:
Telefax:

www.tuv.it

TÜV®

Registro delle imprese di Milano
n. iscrizione e Cod. Fisc. 08922920155
R.E.A.: 1255140 - P. IVA 02055510966
Cod. Identificazione CEE IT 02055510966
Capitale sociale : Euro 500.000 int. Vers.
INTESA SAN PAOLO S.p.A. BIC: BCITIT33378
IBAN: IT34 J030 6932 9340 0001 8978 166





Italia

We hereby certify that the above listed item has been tested according to:
Allgemeine VwV zum Bundes – Immissionsschutzgesetz (BImSchG),
requirements of TA LUFT Ed. 2002 (Technische Anleitung zur Reinhaltung der Luft Point 5.2.6.4)
VDI 2440 and 60000 mechanical cycles and thermal cycles in the range (-29°C / +150°C) in
according to ISO 15848-1:2015 CC2 with satisfactory result

TÜV
INSPECTOR
Simone
Mastrogiacomo

CERTIFICATION DATE
29/09/2017

	<input type="checkbox"/> Review
	<input checked="" type="checkbox"/> Witness
Date: 29/09/17 Name: 	

MANAGEMENT OF INSPECTION
SERVICE



TÜV ITALIA S.R.L.
TÜV SÜD Group
Via Giosuè Carducci, 125 edificio 23
20099 Sesto San Giovanni (MI)
Telefono: +39 02 24130.1
Telefax: +39 02 24130.399
www.tuv.it



TA LUFT TECHNICAL REPORT

CERTIFICATE N°: TAL- 00659-069

CLIENT DOSSIER N°: 057

CLIENT: OMAL S.p.a.

ADDRESS: Via Ponte Nuovo 11, 25050 Rodengo Saiano (BS) Italy

QUALIFIED MATERIAL

VALVE SIZE:

2"

RATING CLASS:

PN40

DRAWING N°:

Y_5841

GASKET TIPE:

CHEVRON PACKING TFM1600

For further details of test arrangements and test results, see TEST REPORT No. 057 here with attached to present report.

THE ABOVE MENTIONED GASKET SUCCESSFULLY TESTED IN ACCORDANCE TO:

The valve was subjected to the TA LUFT test in accordance with VDI 2440:November 2000 and the mechanical cycle is in accordance with ISO 15848-1:2015 CC2 (60000 cycle)

NOTES: None

LOCATION OF
TEST CARRIED OUT:

OMAL S.p.a. Via Brognolo 12, 25050 Passirano (BS) - Italy

TÜV
INSPECTOR
Simone Mastrogiacono

