

Manufacturer`s Declaration

We confirm that the valve stem sealing designed for
globe valves supplied by

Pfeiffer Chemie-Armaturenbaubau GmbH

is of the same standard as the sealing system and material combination
listed in the Appendix 1
according to the First General Administrative Regulation to the
German Federal Immission Control Act (Technical Instructions on Air Quality Control),
shortened to

TA-Luft

Edition July 2002, Section 5.2.6.4

and

VDI 2440

Edition November 2000, Section 3.3.1.3

Products within the scope include:

Series 1 Valves

Globe valves with the sealing system as described in Appendix 1

**This Manufacturer`s Declaration is only valid in connection with Appendix 1
of this Declaration.**

Kempen, 21. May 2004

Lorenz Stolzenberg, Managing Director

This Manufacturer`s Declaration has been generated electronically and is also legally binding without signature.

Appendix 1

to Manufacturer's Declaration <HE TA-03_EN>

- **Design conditions:**

- The sealing systems that were tested had metal valve stems and a PTFE bellow.
- Due to the design of the sealing system, those features that are relevant to the system can be transferred to comparative seals.

- **Sealing systems in globe valves**



Fig. 1 - lined globe valve
Primary stem sealing by PTFE-bellow.
Secondary seal by additional safety
PTFE-Graphite packing

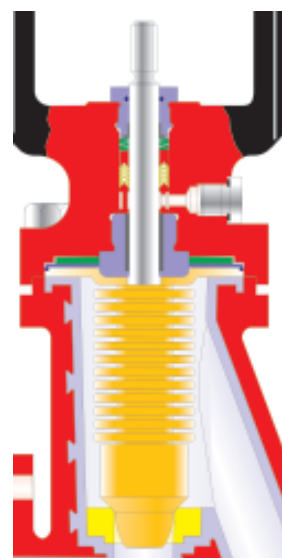


Fig. 2 - lined globe valve
Primary stem sealing by PTFE-bellow.
Secondary seal by additional
spring-loaded safety packing.

For your special requirements please contact our technical sales department.

Pfeiffer Chemie-Armaturenbau GmbH

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