



Industrie Service

CERTIFICATE

**(Certificate of conformity with technical requirements in:)
 ISO 10497 THIRD EDITION, FEBRUARY 2010**

Certificate No.:290993

Ref. Test report No.:290994

Name and postal address of manufacturer: Suzhou FLEU Valve Co., Ltd.
No.767, Huagang Road, Wujiang Economic Development Area, PC:215200, Suzhou City, Jiangsu Province, P.R. China

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ISO 10497 Third Edition, 2010-02-15, The testing results of valves meet the requirements of ISO 10497 Third Edition, 2010-02-15.

1. Description of Test Valve :

Type of Test Valve	DN80 PN25 Gate Valve
Description of Test Valve	Gate Valve
Valve Size (DN)	DN80
Pressure Rating (PN)	PN25
Valve Body Material	EN10213 1.0619

2. Qualified Range of Valves :

Type	Gate Valves
Description of Valves	Gate Valves
Qualified Sizes (according to ISO10497 Table 2)	DN80, DN100, DN125, DN150 (3",4",5",6")
Qualified Pressure Ratings (according to ISO10497 Table 3)	PN25, PN40 (Class150, Class300)
Qualified Valve Material	According to ISO10497 7.2
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ISO 10497 Third Edition, 2010-02-15, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ISO 10497 Third Edition, 2010-02-15, Paragraph 7.

Shanghai, November 4, 2022
 (Place, date)



Guilin Chen
TUV SÜD Industrie Service GmbH
 Westendstr.199
 80686 München Germany



Industrie Service

Appendix 1:

Certificate No.:290993

Ref. Test report No.:290994

Name and postal address of manufacturer: Suzhou FLEU Valve Co., Ltd.
No.767, Huagang Road, Wujiang Economic
Development Area, PC:215200, Suzhou City,
Jiangsu Province, P.R. China

Technical Data of Valve

1. Type of Test Valve: DN80 PN25 Gate Valve

2. Description of Test Valve: Gate Valve

3. Details of Valve:

Valves Size (DN) Material	DN80
Part Name	
Body	1.0619N+13%Cr
Bonnet	1.0619N
Wedge	1.0619N+13%Cr
Gasket	1.4301+Graphite
Stem	1.4021(2Cr13)
Packing	Graphite
Packng Bushing	1.4021(2Cr13)
Packing Gland	1.0619N
Cover	1.4021
Nut	1.1181(CK35/YK)
Bolt	1.7225(42CrMo4/GC)
Stem Nut	0.7040
Belleville Spring	51CrV4
Design Drawing No.:	134.032-11-80-00

Shanghai, November 4, 2022
(Place, date)

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
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Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
ISO 10497 THIRD EDITION, FEBRUARY 2010

Certificate No.:290997

Ref. Test report No.:290998

Name and postal address of manufacturer: **Suzhou FLEU Valve Co., Ltd.**
No.767, Huagang Road, Wujiang Economic Development Area, PC:215200, Suzhou City, Jiangsu Province, P.R. China

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ISO 10497 Third Edition, 2010-02-15, The testing results of valves meet the requirements of ISO 10497 Third Edition, 2010-02-15.

1. Description of Test Valve :

Type of Test Valve	DN150 PN25 Gate Valve
Description of Test Valve	Gate Valve
Valve Size (DN)	DN150
Pressure Rating (PN)	PN25
Valve Body Material	EN10213 1.0619

2. Qualified Range of Valves :

Type	Gate Valves
Description of Valves	Gate Valves
Qualified Sizes (according to ISO10497 Table 2)	DN150, DN200, DN250, DN300 (6", 8",10", 12")
Qualified Pressure Ratings (according to ISO10497 Table 3)	PN25, PN40 (Class150, Class300)
Qualified Valve Material	According to ISO10497 7.2
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ISO 10497 Third Edition, 2010-02-15, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ISO 10497 Third Edition, 2010-02-15, Paragraph 7.

Shanghai, November 4, 2022
 (Place, date)

Guilin Chen
TÜV SÜD Industrie Service GmbH
 Westendstr.199
 80686 München Germany



Industrie Service

Appendix 1:

Certificate No.:290997

Ref. Test report No.:290998

Name and postal address of manufacturer: Suzhou FLEU Valve Co., Ltd.
No.767, Huagang Road, Wujiang Economic
Development Area, PC:215200, Suzhou City,
Jiangsu Province, P.R. China

Technical Data of Valve

1. Type of Test Valve: DN150 PN25 Gate Valve

2. Description of Test Valve: Gate Valve

3. Details of Valve:

Valves Size (DN) Material	DN150
Part Name	
Body	1.0619N+13%Cr
Bonnet	1.0619N
Wedge	1.0619N+13%Cr
Gasket	1.4301+Graphite
Stem	1.4021(2Cr13)
Packing	Graphite
Packng Bushing	1.4021(2Cr13)
Packing Gland	1.0619N
Cover	1.4021
Nut	1.1181(CK35/YK)
Bolt	1.7225(42CrMo4/GC)
Stem Nut	0.7040
Belleville Spring	51CrV4
Design Drawing No.:	134.032-11-150-00

Shanghai, November 4, 2022

(Place, date)



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