

CERTIFICATE

GF1.1(T) FS 10-0062

Certificate of conformity with technical requirements in :

ISO 10497:2010 Testing of valves-Fire type-testing requirements

Report No.: FT1064201, FT1064202 Date: 2010/10/14

Name of applicant / license holder : VALUE VALVES CO., Ltd.

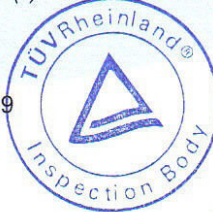
Name, Address of manufacturer : No. 9, Chung-Shan Rd., Tu-Cheng Industrial District,
Taipei Hsien 236, Taiwan

Herewith is stated that a conformity test according to the a.m. standard has been conducted. The maximum allowed leakage rates according to the a.m. standard have not been exceeded by the test specimen.

Model Identification:	VF-89_Serial
Nominal Size / Pressure:	NPS 4, 8/ Class 600
Type of Valve:	VF-89_Serial Butterfly Valve
Material of Valve Body:	ASTM A216 WCB
Range of Qualifications	
Qualified Sizes :	NPS 4; 5; 6; 8 and larger
Qualified Ratings :	Class 600; 800; 900/ PN 100; 150
Materials :	Ferritic(Body), ASTM A240 304+Stellited (Body seat), ASTM A240 304+Graphite (Disc seat)
Technical details of components :	See appendix in test report

This certificate refers to the above mentioned product. This is to certify that the test specimen provided is in conformity with the standard(s) mentioned above. This certificate does not imply assessment of the production of the product.

Taipei, Taiwan. 2010/10/29



TÜV Rheinland Taiwan Ltd.
Industrial Services Division

James W. C. Liu (Manager)

API-cert

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Appendix

Certificate No.

Our Reference


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FT1064201, FT1064202

Constructional Data Form (CDF)

- 1.1 Licenceholder: **VALUE VALVES CO., LTD.**
(full name and address) **No. 9, Chung-Shan Rd., Tu-Cheng Industrial District, Taipei Hsien 236, Taiwan**
- 1.2 Factory: **VALUE VALVES CO., LTD.**
(full name and address) **No. 9, Chung-Shan Rd., Tu-Cheng Industrial District, Taipei Hsien 236, Taiwan**
- 1.3 Product Identification: **VF-89_ Serial**
- 1.4 Type Designation: **VF-89_ Serial Butterfly Valve**

2.1 Technical data :		Nominal Size		Remark
		NPS 4	NPS 8	
(a)	Class/ANSI Class	Class 600	Class 600	Pressure rating
(b)	Body	ASTM A216 WCB	ASTM A216 WCB	Material
	Disc	ASTM A216 WCB	ASTM A216 WCB	Material
	Stem	ASTM A564 630	ASTM A479 XM-19	Material
	Body seat	ASTM A240 304+Stellited	ASTM A240 304+Stellited	Material
	Disc seat	ASTM A240 304+Graphite	ASTM A240 304+Graphite	Material
	Bottom cover	ASTM A351 CF8	ASTM A351 CF8	Material
	Gasket	Graphite	Graphite	Material
	Pin	ASTM A182 F316	ASTM A182 F316	Material
	Gland	ASTM A351 CF8	ASTM A351 CF8	Material
	Yoke	ASTM A536-65-45-12	ASTM A536-65-45-12	Material
	Gland packing	Graphite	Graphite	Material
(c)	Technical Drawing	S89_010G01, Rev.1	A89_020G01, Rev.1	Assembly Dwg.
(d)	Test report	FT1064201	FT1064202	Attached/Report
3. Additional Qualification of other valves, covered by valves tested (according Table 3 § 4 ISO 10497) :				
	ANSI Class:	Class 600; 800; 900/ PN 100; 150		---
	Sizes Qualified :	NPS 4; 5; 6; 8 and larger		---
	Materials (Body) Qualified :	Ferritic		---
		Taipei, Taiwan.	29.10.10	
		(Place)	(Date)	
				
		(Stamp and Signature TÜV Rheinland Group)		

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