

CERTIFICATE

GF1.1(T) FS 11-0065

Certificate of conformity with technical requirements in :

ISO 10497:2010

Testing of valves-Fire type-testing requirements

Report No.: FT1164211, FT1064212 Date: 2011/01/05

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

Name, Address of manufacturer : No. 9 Chung-Shan Rd., Tu-Cheng District New Taipei City 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-92_ Serial
Nominal Size / Pressure:	NPS 4, 8/ Class 150
Type of Valve:	VF-92_ Serial Butterfly Valve
Material of Valve Body:	ASTM A216 WCB
Range of Qualifications	
<i>Qualified Sizes :</i>	NPS 4; 5; 6; 8 and larger
<i>Qualified Ratings :</i>	Class 150, 300; PN 10, 16, 25, 40
<i>Materials :</i>	Ferritic(Body), PTFE (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. 2011/2/10



TÜV Rheinland Taiwan Ltd.
Industrial Services II

James W. C. Liu (Manager)

API-cert

Rev 1

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Appendix

Certificate No.

Our Reference



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FT1164211, FT1164212

Constructional Data Form (CDF)

- 1.1 Licenceholder: **VALUE VALVES CO., LTD.**
(full name and address) **No. 9 Chung-Shan Rd., Tu-Cheng District New Taipei City 236, Taiwan**
- 1.2 Factory: **VALUE VALVES CO., LTD.**
(full name and address) **No. 9 Chung-Shan Rd., Tu-Cheng District New Taipei City 236, Taiwan**
- 1.3 Product Identification: **VF-92_ Serial**
- 1.4 Type Designation: **VF-92_ Serial Butterfly Valve**

2.1 Technical data :		Nominal Size		Remark
		NPS 4	NPS 8	
(a)	Class/ANSI Class	Class 150	Class 150	Pressure rating
(b)	Body	ASTM A216 WCB	ASTM A216 WCB	Material
	Disc	ASTM A351 CF8	ASTM A351 CF8	Material
	Stem	ASTM A479 XM-19	ASTM A479 XM-19	Material
	Seat	PTFE	PTFE	Material
	Metal seat	INCONEL 718	INCONEL 718	Material
	Bottom cover	ASTM A351 CF8M	ASTM A351 CF8M	Material
	Retainer	ASTM A351 CF8	ASTM A351 CF8	Material
	Pin	ASTM A182 F316	ASTM A182 F316	Material
	Gland	ASTM A351 CF8M	ASTM A351 CF8M	Material
	Yoke	ASTM A216 WCB	ASTM A216 WCB	Material
	Gland packing	Graphite	Graphite	Material
	Gear Box	ASTM A126-B	ASTM A126-B	Material
	Bolt	ASTM A193 B8/ A194 8	ASTM A193 B8/ A194 8	Material
(c)	Technical Drawing	S92_010G02C, Rev.1	S92_020G03C, Rev.1	Assembly Dwg.
(d)	Test report	FT1164211	FT1164212	Attached/Report
3. Additional Qualification of other valves, covered by valves tested (according Table 3 § 4 ISO 10497) :				
	ANSI Class:	Class 150, 300; PN 10, 16, 25, 40		---
	Sizes Qualified :	NPS 4; 5; 6; 8 and larger		---
	Materials (Body) Qualified :	Ferritic		---
		Taipei, Taiwan.	2011/02/10	
		(Place)	(Date)	
		 (Stamp and Signature TÜV Rheinland Group)		