

CERTIFICATE

GF1.1(T) FS 11-0066

Certificate of conformity with technical requirements in :

ISO 10497:2010

Testing of valves-Fire type-testing requirements

Report No.: FT1164220, FT1064221 Date: 2011/02/16

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

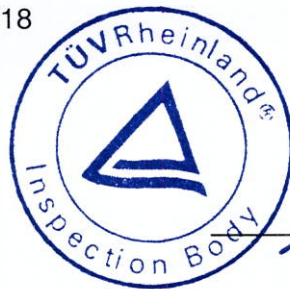
Herewith is stated that a conformity test according to the a.m. standard has been conducted. The maximum allowed leakage rates according to the a.m. standard have not been exceeded by the test specimen.

Model Identification:	VF-87_ Serial
Nominal Size / Pressure:	NPS 3/ Class 150
Type of Valve:	VF-87_ Serial Butterfly Valve
Material of Valve Body:	ASTM A216 WCB, ASTM A351 CF8
Range of Qualifications	
Qualified Sizes :	NPS 3, 4, 5, 6
Qualified Ratings :	Class 150, 300; PN 10, 16, 25, 40
Materials :	Ferritic and Austenitic(Body), Body Seat: ASTM A240 304+STELLITED Disc Seat: ASTM A240 304+GRAPHITE
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. 2011/3/18

TÜV Rheinland Taiwan Ltd.
Industrial Services II



James W. C. Liu
James W. C. Liu

API-cert

Rev 1

Appendix

Certificate No.

Our Reference

1

GF1.1(T) FS 11-0066

FT1164220, FT1164221

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-87_ Serial**
- 1.4 Type Designation: **VF-87_ Serial Butterfly Valve**

2.	Technical data :	Test- FT1164220 (Body WCB)	Test- FT1164221 (Body CF8)	Remark
(a)	Class/ANSI Class	Class 150	Class 150	Pressure rating
(b)	Nominal Size	NPS 3	NPS 3	Size
(c)	Body	ASTM A216 WCB	ASTM A351 CF8	Material
	Disc	ASTM A351 CF8	ASTM A351 CF8	Material
	Stem	ASTM A479 XM-19	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
	Retainer	ASTM A351 CF8	ASTM A351 CF8	Material
	Pin	ASTM A182 F316	ASTM A182 F316	Material
	Gland	ASTM A351 CF8	ASTM A351 CF8	Material
	Yoke	ASTM A216 WCB	ASTM A216 WCB	Material
	Gland packing	GRAPHITE	GRAPHITE	Material
	Gasket	GRAPHITE	GRAPHITE	
	Gear Box	ASTM A536-65-45-12	ASTM A536-65-45-12	Material
	Bolt	ASTM A194 8/ A307 B	ASTM A194 8/ A307 B	Material
(c)	Technical Drawing	S87_SERIAL_008G01A	S87_SERIAL_008G01A	Assembly Dwg.
(d)	Test report	FT1164220	FT1164221	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 3, 4, 5, 6	---
Materials (Body) Qualified :	Ferritic and Austenitic	---



Taipei, Taiwan.

2011/03/18

(Place)

(Date)

(Stamp and Signature TÜV Rheinland Group)