



CERTIFICATE

GF1.1(T) FS 10-0051

Certificate of conformity with technical requirements in :

ISO 10497-5:2004

Testing of valves-Fire type-testing requirements

Report No.: FT1064152 Date: 2010/02/25

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

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

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 :	4"/ Class 150
Type of Valve :	VF-87_ Serial Butterfly Valve
Material of Valve Body :	ASTM A216 WCB
Range of Qualifications	
<i>Qualified Sizes :</i>	4"; 5"; 6"; 8"
<i>Qualified Ratings :</i>	Class 150; 300, PN 10; 16; 25; 40
<i>Materials :</i>	Ferritic(Body), ASTM A240 316+Graphite(Body 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.

Kaohsiung, Taiwan. 2010/3/24



TÜV Rheinland Taiwan Ltd.
Industrial Services Division

James W. C. Liu (Manager)



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Appendix

Certificate No.

Our Reference

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FT1064152

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, Taiwan 236**
- 1.2 Factory: **VALUE VALVES CO., LTD.**
(full name and address) **No. 9, Chung Shan Rd., Tu-Cheng Industrial District, Taipei Hsien, Taiwan 236**
- 1.3 Product Identification: **VF-87_ Serial**
- 1.4 Type Designation: **VF-87_ Serial Butterfly Valve**

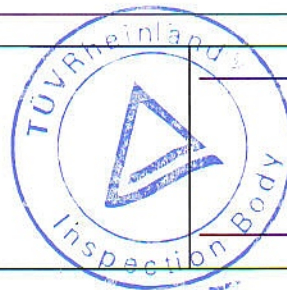
2.1 Technical data :		Nominal Size	Remark
		4"	
(a)	Class/ANSI Class	Class 150	Pressure rating
(b)	Body	ASTM A216 WCB	Material
	Disc	ASTM A216 WCB	Material
	Stem	ASTM A182 F316	Material
	Body seat	ASTM A240 316+Graphite	Material
	Bottom cover	ASTM A216 WCB	Material
	Gasket	Graphite	Material
	Pin	ASTM A182 F316	Material
	Gland	ASTM A351 CF8	Material
	Yoke	ASTM A216 WCB	Material
	Gland packing	Graphite	Material
(c)	Technical Drawing	S87_010G02, Rev.1	Assembly Dwg. 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 :	4"; 5"; 6"; 8"	---
Materials (Body) Qualified :	Ferritic	---

Taipei, Taiwan
(Place)

09.03.10
(Date)



(Stamp and Signature TÜV Rheinland Group)