

# CERTIFICATE

(Certificate of conformity with technical requirements in:)

## ANSI / API STD 607 – 1993

<b>Certificate No.:</b>	BU1.1(T) FS 04-0015	<b>Report No.:</b>	M 0064021 E01 M 0164025 E01 M 0364048 E01
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**Name of applicant /license holder:** Modentic Industrial Corporation, Taiwan

**Name, Address of manufacturer :** Modentic Industrial Corporation, Taiwan  
14F-1, No.57, Taya Road, Taichung, Taiwan

Herewith is stated that a conformity test according a.m. standard has been conducted. The maximal allowed leakage rates according to a.m. standard have not been exceeded by the testing sample(s).

Type Designation of tested valve(s)	MD – 51FS			
Identification:	Flange Type 1 PC Ball valve (soft seated)			
Nominal Size(s) :	-	1"	2"	4"
Pressure rating (ANSI Class):	-	150	150	150
Body Material :	-	WCB	WCB	WCB
Qualification range :	The range of qualification is according table 3, API 607, 4 <sup>th</sup> edition, listed in Appendix 1.			
Technical details of valve components :	See : Appendix 1, CDF			

*The 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.*

(Place, Date)

Taipei, 19-07-2004



TÜV Rheinland Group  
BU1.1 – Pressure Equipment & Materials Technology  
Regional Manager, Taiwan

*F. Herzing*  
(Dipl.-Ing. F. Herzing)

Appendix

Certificate No.

Our Reference:

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BU1.1(T) FS 04-0015

M 0064021 E01

M 0164025 E01

M 0364048 E01



## Constructional Data Form (CDF)

1.1 Licenceholder: **Modentic Industrial Corporation, Taiwan**  
(full name and address) 14F-1, No.57, Taya Road, Taichung, Taiwan

1.2 Factory: **Modentic Industrial Corporation, Taiwan**  
No.61, Alley 6, Lane 296, Ping Yi Rd.  
Taiping City, Taichung Hsien, Taiwan

1.3 Product Identification: Flange Type 1 PC Ball Valve

1.4 Type Designation: MD – 51FS

2.1 Technical data :	Nominal Size				Remark
	1/2"	1"	2"	4"	
(a) ANSI Class	-	150	150	150	Nominal Pressure
(b) Body	-	WCB	WCB	WCB	Material
End Cap	-	WCB	WCB	WCB	Material
Stem	-	SS316	SS316	SS316	Material
Ball	-	SS316	SS316	SS316	Material
Ball seat	-	PTFE	PTFE	PTFE	Material
Body Seal Gasket	-	Grafoil	Grafoil	Grafoil	Material
Stem Packing	-	Grafoil	Grafoil	Grafoil	Material
Thrust Washer	-	PTFE + Grafoil	PTFE + Grafoil	PTFE + Grafoil	Material
(Body/Cap) Stud	-	-	-	-	N/A
(Body/Cap) Nut	-	-	-	-	N/A
(c) Technical Drawing (further Information)	M0364048 E01 M0064021 E01 M0164025 E01				Assembly Dwg. Attached in Report

### 3. Additional Qualification of other valves, covered by the valves tested (acc. Table 3 & 4, API 607)

ANSI Class :	-	150, 300	150, 300	150, 300	
Sizes Qualified :	-	3/4", 1", 1 1/4", 1 1/2"	1 1/2", 2", 2 1/2", 3"	3", 4", 5", 6"	
Materials (Body) Qualified :	All Materials listed in ASME B16.34, Table 1				



Taipei

(Place)

14-07-2004

(Date)

Felix He

(Stamp and signature TÜV Rheinland Taiwan)