

Appendix

Certificate No.

Our Reference:

1

BU1.1(T) FS 01- 002C

M 0064012 E01

M 0064013 E01

M 0064016 E01

M 0064017 E01



## Constructional Data Form (CDF)

- 1.1 Licenceholder: **Valwell Development Enterprise Co., Ltd.**  
(full name and address) **1F., No.61, Alley 6, Lane 296, Perng-Yi Rd., Tay-Pyng, Taichung County, Taiwan, R.O.C.**
- 1.2 Factory: **M 0064012 E01, M 0064013 E01, M 0064016 E01, M 0064017 E01**  
(full name and address)
- 1.3 Product Identification: **Flange Type 2 PC Ball Valve**
- 1.4 Type Designation: **DV-02FS**

2.1 Technical data :	Nominal Size				Remark
	1/2"	1"	2"	4"	
(a) ANSI Class	150	150	150	150	Nominal Pressure
(b) Body	WCB	WCB	WCB	WCB	Material
End Cap	WCB	WCB	WCB	WCB	Material
Stem	SS316	SS316	SS316	SS316	Material
Ball	SS316	SS316	SS316	SS316	Material
Ball seat	PTFE	PTFE	PTFE	PTFE	Material
Body Seal Gasket	Grafoil	Grafoil	Grafoil	Grafoil	Material
Stem Packing	Grafoil	Grafoil	Grafoil	Grafoil	Material
Thrust Washer	PTFE & Grafoil	PTFE & Grafoil	PTFE & Grafoil	PTFE & Grafoil	Material
(Body/Cap) Stud	SS 304	SS 304	SS 304	SS 304	Material
(Body/Cap) Nut	SS 304	SS 304	SS 304	SS 304	Material
(c) Technical Drawing (further Information)	M0064012 E01	M0064013 E01	M0064017 E01	M0064016 E01	Assembly Drwg 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	150 300	
Sizes Qualified :	1/4, 3/8", 1/2", 3/4"	3/4", 1", 1 1/2", 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)

Jan. 28, 2002  
(Date)

(Stamp and signature TÜV Rheinland Taiwan)

# CERTIFICATE

(Certificate of conformity with technical requirements in:)

## ANSI / API STD 607 – 1993

<b>Certificate No.:</b> BU1.1(T) FS 01-0002C	<b>Report No.:</b>	M 0064012 E01
		M 0064013 E01
		M 0064016 E01
		M 0064017 E01

**Name of applicant /license holder:** Valwell Development Enterprise Co., Ltd.

**Name, Address of manufacturer :** M 0064012 E01, M 0064013 E01  
M 0064016 E01, M 0064017 E01

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

Type Designation of tested valve(s)	DV-02FS			
Identification:	Flange Type 2 PC Ball valve (softseated)			
Nominal Size(s) :	½"	1"	2"	4"
Pressure rating (ANSI Class):	150	150	150	150
Body Material :	WCB	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, Jan. 28, 2002



TÜV Rheinland / Berlin- Brandenburg Group  
BU1.1 – Pressure Vessels & Material Technology  
Regional Manager Taiwan

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

# CERTIFICATE

(Certificate of conformity with technical requirements in:)

## ANSI / API STD 607 – 1993

Certificate No.:	BU1.1(T) FS 01-0004B	Report No.:	M 0064021 E01 M 0164025 E01
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**Name of applicant /license holder:** Valwell Development Enterprise Co., Ltd.

**Name, Address of manufacturer :** M 0064021 E01, M 0164025 E01

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

Type Designation of tested valve(s)	DV-01FS			
Identification:	Flange Type 1 PC Ball valve (softseated)			
Nominal Size(s) :	-	-	2"	4"
Pressure rating (ANSI Class):	-	-	150	150
Body Material :	-	-	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, Jan. 28, 2002



TÜV Rheinland / Berlin-Brandenburg Group  
BU1.1 – Pressure Vessels & Material Technology  
Regional Manager Taiwan



(Dipl.-Ing. F. Herzing)

Appendix

Certificate No.

Our Reference:

1

BU1.1(T) FS 01- 0004B

M 0064021 E01  
M 0164025 E01

## Constructional Data Form (CDF)

1.1 Licenceholder: **Valwell Development Enterprise Co., Ltd.**  
(full name and address) 1F., No.61, Alley 6, Lane 296, Perng-Yi Rd., Tay-Pyng, Taichung County, Taiwan, R.O.C.

1.2 Factory: **M 0064021 E01, M 0164025 E01**  
(full name and address)

1.3 Product Identification: **Flange Type 1 PC Ball Valve**

1.4 Type Designation: **DV-01FS**

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

Jan., 28, 2002  
(Date)

(Stamp and signature TÜV Rheinland Taiwan)