



CERTIFICATE

Nr. GF1.1(T)-FS-06-0026

Certificate of conformity with technical requirements in :

ANSI/API STD 607 – 5th Edition, 2005
(Identical to ISO 10497-5:2004)

Report No.: FT0664073 Date: June 12, 2007

Name of applicant / license holder : Ta Chen Stainless Pipe Company Limited

Name, Address of manufacturer : No. 125, Hsin-Tien 2nd Street, Jeng-Teh, Tainan, Taiwan, R.O.C.

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:	TC-4000FS/TC-03N (V-3N)
Nominal Size / Pressure :	2" / Class 600
Type of Valve :	3 PC., Socket ball valve
Material of Valve Body :	ASTM A351 CF8M
Range of Qualifications	
Qualified Sizes :	2" and below, 2½", 3", 4"
Qualified Ratings :	600, 800, 900 ; PN 100, 160
Materials :	ASTM A351 CF8M, TFM1600®
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.

(Ort, Datum)

Taipei, Taiwan
 June 12, 2007.



TÜV Rheinland, Taiwan Ltd.
 Industrial Services Division

Thomas Fuhrmann
 Thomas Fuhrmann (Division Director)

API-cert

Rev 1



CERTIFICATE

(Certificate of conformity with technical requirements in:)

ANSI / API STD 607 – 1993

Certificate No.:	BU1.1(T) FS 02-0010	Report No.:	M 0264032 E01 M 0164026 E01 M 0164027 E01 M 0264036 E01
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Name of applicant / license holder : Ta Chen Stainless Pipe Co., Ltd.

Name, Address of manufacturer : Ta Chen Stainless Pipe Co., Ltd.
No. 125, Hsin-Tien 2nd St., Jeng-Teh, Tainan,
Taiwan, R.O.C.

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)	TC-5100 / 2PC			
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 th 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, Taiwan 04/09/2002

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



(Dipl.-Ing. F. Herzing)

Rev 0



CERTIFICATE

TC-5300/5400 API 607 5TH APPROVAL

CERTIFICATE

GF1.1(T) FS 10-0060

Certificate of conformity with technical requirements in :

ANSI/API STD 607 – 5th Edition, 2005
(Identical to ISO 10497-5:2004)

Report No.: FT1065187 **Date:** 2010/09/06

Name of applicant / license holder : Ta Chen Stainless Pipe Company Limited

Name, Address of manufacturer : No. 122, Yi Lin Road, Jeng-Teh, Tainan,
Taiwan,R.O.C.

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:	TC-5300/TC-5400
Nominal Size / Pressure :	2" / Class 300
Type of Valve :	2PC Flanged-End Ball Valve (Full Bore)
Material of Valve Body :	CF8M
Range of Qualifications	
Qualified Sizes :	2" and below; 2-1/2"; 3"; 4".
Qualified Ratings :	Class 300, 400, 600; PN 40, 63, 100
Materials :	CF8M, PTFE
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 2010/9/21



TÜV Rheinland Taiwan Ltd.
Industrial Services II

James W. C. Liu
James W. C. Liu (Manager)

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Rev 1

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CERTIFICATE

(Certificate of conformity with technical requirements in:)

ANSI / API STD 607 – 1993

Certificate No.:	BU1.1(T) FS 02-0009	Report No.:	M 0264033 E01 M 0264034 E01 M 0264035 E01
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Name of applicant / license holder : Ta Chen Stainless Pipe Co., Ltd.

Name, Address of manufacturer : Ta Chen Stainless Pipe Co., Ltd.
No. 125, Hsin-Tien 2nd St., Jeng-The, Tainan,
Taiwan, R.O.C.

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)	TC-6100 / 1PC		
Identification:	Flange Type 1 PC Ball valve (softseated)		
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 th 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, Taiwan. 29 Aug 2002

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



Rev 0



CERTIFICATE

Nr. GF1.1(T)-FS-06-0024

Certificate of conformity with technical requirements in :

**ANSI/API STD 607 – 5th Edition, 2005
(Identical to ISO 10497-5:2004)**

Report No.: FT0664070 **Date:** November 6, 2006

Name of applicant / license holder : Ta Chen Stainless Pipe Company Limited

Name, Address of manufacturer : No. 125, Hsin-Tien 2ND Street, Jeng-The, Tainan, Taiwan, R.O.C.

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:	TC-7000
Nominal Size / Pressure :	2" / Class 150
Type of Valve :	2 PC., ball valve with flange ends
Material of Valve Body :	ASTM A351 CF8M
Range of Qualifications	
Qualified Sizes :	2" and below, 2½", 3", 4"
Qualified Ratings :	150, 300 ; PN 10, 16, 25, 40
Materials :	ASTM A351 CF8M, PTFE
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.

(Ort, Datum)

Taipei, Taiwan
November 15, 2006

TÜV Rheinland Taiwan Ltd.
Industrial Services Division

Thomas Fuhrmann (Division Director)

API-cert

Rev 1

Certificate

Certificate of Conformity with Fire Testing
Acc. to ANSI/API STD 607 – 6th Edition, 2010

Certificate no.: **01 202 TWN/K-120082**

Name and address of the applicant / license holder : **Ta Chen Stainless Pipe Company Limited**
No. 122, Yi Lin Road, Jeng-Teh, Tainan, Taiwan, R.O.C.

We hereby certify that the results of tests carried out under our witness on the industrial valve(s) below meeting the requirements in the standard mentioned above.

This certificate does not imply assessment of the production of the product, reflects only our witness findings at the time and the place of test and does not refer to any other matters.

Model Identification: TC-01B

Type of Valve : 1PC Reduced Port Ball Valve, Threaded

Description of tested valve: NPS 2, Class 800 (2000PSI), A351 Gr. CF8M, Asymmetric, Unidirectional, PTFE Soft Ball Seat, Refer to Appendix in Test report

Manufacturing Drawing No./Rev.: VF00R1B20200/ Rev.0, Date 2010/12/07

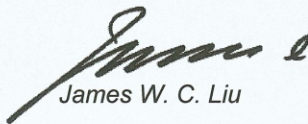
Test Report No.: FT1264304

Qualified Range: NPS 2 and below; NPS 2-1/2; 3; 4, Austenitic, Class 800; 900; 1500/ PN 100; 150; 260

Name, Address of Manufacturer : **Ta Chen Stainless Pipe Company Limited**
No. 122, Yi Lin Road, Jeng-Teh, Tainan, Taiwan, R.O.C.

Valid until: **March 11, 2022**

TÜV Rheinland Taiwan Ltd.
Industrial Services


James W. C. Liu

Taipei/Taiwan,
2012/03/12



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