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ZHEJIANG GUANZHENG VALVE CO.,LED
Mail: oversea@valvegz.com
TEL: 13646585529

Certificate of Authority to use the Official API Monogram

License Number: 6D-1675

ORIGINAL

The American Petroleum Institute hereby grants to

ZHEJIANG GUANZHENG VALVE CO.,LTD
Oubei Baoyi Industrial
Wenzhou
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6D** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6D-1675**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Check Valves, Ball Valves and Gate Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: MAY 19, 2020
Expiration Date: MAY 19, 2023

To verify the authenticity of this license, go to www.api.org/compositelist.

Vice President of Product Management

American Petroleum Institute

2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 602-0146 **ORIGINAL**

The American Petroleum Institute hereby grants to

ZHEJIANG GUANZHENG VALVE CO.,LTD
Oubei Baoyi Industrial
Wenzhou
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-602** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **602-0146**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Compact Steel Gate Valves, Compact Steel Globe Valves and Compact Steel Check Valves

QMS Exclusions: Servicing

Effective Date: DECEMBER 14, 2021
Expiration Date: MAY 19, 2023

To verify the authenticity of this license, go to www.api.org/compositelist.

Vice President of Product Management

American Petroleum Institute

2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 609-0223 **ORIGINAL**

The American Petroleum Institute hereby grants to

ZHEJIANG GUANZHENG VALVE CO.,LTD
Oubei Baoyi Industrial
Wenzhou
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-609** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **609-0223**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Butterfly Valves - Category A and Butterfly Valves - Category B

QMS Exclusions: Servicing

Effective Date: DECEMBER 14, 2021
Expiration Date: MAY 19, 2023

To verify the authenticity of this license, go to www.api.org/compositelist.

Vice President of Product Management

American Petroleum Institute

2018-151 | Digital

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Certificate of Compliance

No. 1M180725.ZGVDS91

Certificate's Holder:	Zhejiang Guanzheng Valve Co., Ltd. Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, China.
Certification ECM Mark:	Type Approved
Product:	Ball valve 12" inch 16 bar Gate valve 4" inch 64 bar Globe valve 4" inch 64 bar Check valve 4" inch 64 bar Butterfly valve 20" inch 16 bar
Verification to:	Standard: API 6D related to CE Directive(s): 2014/68/EU (Pressure Equipment) MODULE H

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it
This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the CE Marking:

We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE *Marking Certification Procedure* through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the CE Mark on the product(s).

Date of issue 25 July 2018

Chief Monager
Marco Morino

Expiry date 24 July 2023

Deputy Manager
Amanda Payne

Ente Certificazione Macchine Srl
Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 🖷 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

WSF
世标认证

CERTIFICATE OF REGISTRATION

Registration No.03819Q05621R2S
Organization Code/Unified Social Credit Code:
91330300717632750J

This is to certify that the Quality Management System of

Zhejiang Guanzheng Valve Co., Ltd.

Audit Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province/Registered Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province, P.R.China

has been audited to conform to

GB/T 19001-2016/ISO 9001:2015

For the whole process of

production of gate valves, globe valves, check valves, ball valves and butterfly valves within the scope of license

Date of Initial Issuance:2013-8-13

Date of Issuance:2019-8-12 Date of Expiry:2022-8-11

This certificate will not remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position. Please follow WSF customer service by scanning QR code or visit www.wsf.cn and www.cnca.gov.cn for this certificate's validity status and related services.

World Standards For Certification Center Inc.

Issued by :

Add: Level 2, Building 25, Yard 12, Zhuyuan Road, Tianzhu Comprehensive Bonded Zone), Shunyi District, Beijing, 101312, China

WSF ISO9001

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

CNAS

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C038-M

WSF
世标认证

CERTIFICATE OF REGISTRATION

Registration No.03819E05622R2S
Organization Code/Unified Social Credit Code:
91330300717632750J

This is to certify that the Environmental Management System of

Zhejiang Guanzheng Valve Co., Ltd.

Audit Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province/Registered Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province, P.R.China

has been audited to conform to

GB/T 24001-2016/ISO 14001:2015

For the whole process of

related environmental management activities involved in the production of gate valves, globe valves, check valves, ball valves and butterfly valves within the scope of license

Date of Initial Issuance:2013-9-18

Date of Issuance:2019-8-12 Date of Expiry:2022-8-11

This certificate will not remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position. Please follow WSF customer service by scanning QR code or visit www.wsf.cn and www.cnca.gov.cn for this certificate's validity status and related services.

World Standards For Certification Center Inc. *Issued by:*

Add: Level 2, Building 23, Yard 12, Zhuyuan Road Tianzhu Comprehensive Bonded Zone), Shunyi District, Beijing 101312, China

WSF
ISO14001

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
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MANAGEMENT SYSTEM
CNAS C038-M

WSF
世标认证

CERTIFICATE OF REGISTRATION

Registration No.03819S05623R2S
Organization Code/Unified Social Credit Code:
91330300717632750J

This is to certify that the Occupational Health and Safety Management System of

Zhejiang Guanzheng Valve Co., Ltd.

Audit Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province/Registered Address: Baoyi Industrial Zone, Oubei Town, Yongjia County, Zhejiang Province, P.R.China

has been audited to conform to

GB/T45001-2020/ISO45001:2018

For the whole process of

related occupational health & safety management activities involved in the production of gate valves, globe valves, check valves, ball valves and butterfly valves within the scope of license

Date of Initial Issuance:2013-9-18

Date of Certificate Update:2021-10-8 Date of Expiry:2022-9-17

This certificate will not remain valid only if the certified organization accepts at least one surveillance audit annually within the validity period of the certificate in which the surveillance audit conforming mark is in the designated position. Please follow WSF customer service by scanning QR code or visit www.wsf.cn and www.cnca.gov.cn for this certificate's validity status and related services.

World Standards For Certification Center Inc.

Issued by:

Add: Level 2, Building 25, Yard 12, Zhuyuan Road, Tianzhu Comprehensive Bonded Zone), Shunyi District, Beijing, 101312, China

WSF OHSMS

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管理体系
MANAGEMENT SYSTEM
CNAS C038-M

TÜV THÜRINGEN CHINA

CERTIFICATE

Certificate of Conformity with Fugitive Emission Type Testing Acc. to: API Standard 624 First Edition, February 2014

Certificate No.: QT-IS-SH090002/2021-01
Revision: R0

Name, Address of holder: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Oubei Baoyi Industrial, Yongjia County, Wenzhou City, Zhejiang Province P.R. China

We hereby certify that the fugitive emission type test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by inspector of TÜV Thuringen according to requirements of API 624, First Edition, February 2014. The testing results of valves meet the above mentioned requirements.

1. Description of test valve:

Type designation of tested valve :	Gate Valve
Description of valve:	Rising Stem Gate Valve
Nominal size (NPS):	2
Pressure rating (PN):	800 Lb
Valve body material:	ASTM A105N
Stem packing/Manufacturer:	Graphite Packing M600 / Zhejiang Magpie Sealing Element Co.,Ltd.

2. Quaiified Range of Vaive:

Nominal size(NPS): *(according to API 624 10.1.2 or 10.1.3)*	NPS 2 and smaller
The valve Class(LB) : *(according to API 624 10.1.2 or 10.1.3)*	800
Remark: the technical data of test valve see back of this certificate appendix 1.	

This certificate is issued according to API 624 First Edition,February 2014, based upon the result of testing report on above mentioned test valve.

Shanghai, 23 Sep., 2021
Place, Date

Issued by Ke Ning
TÜV Thuringen Shanghai Co., Ltd.

Appendix	Certificate No.	Reference Report No.
1	QT-IS-SH090002/2021-01	HCT2021VA02027

Technical Data Form

Name, Address of holder:	**ZHEJIANG GUANZHENG VALVE CO., LTD. Oubei Baoyi industrial, Yongjia County, Wenzhou City, Zhejiang Province P.R. China**
1. Type of Test Valve:	Gate Valve
2. Description of Test Valve:	Rising Stem Gate Valve
DN and PN / Part Name	NPS 2, 800Lb
Body	ASTM A105
Stem	ASTM A182 F6a
Bonnet	ASTM A105
Gasket	SS304+Graphite
Packing	Graphite
Gland	ASTM A276 410
Connection	bolts
4. Drawing No.	2J61H-800Lb-00

Remark: detailed part information refers to valve drawing.

Shanghai, 23 Sep., 2021
Place, Date

Issued by He Ning
TÜV Thuringen Shanghai Co., Ltd.

TÜV Thuringen Shanghai Co., Ltd.
C6, 16th Floor, 526 Laoshan Road, Shanghai 200122, PR China
Tel:+86-21-50651568
Fax:+86-21-58993126

TÜV THÜRINGEN CHINA

CERTIFICATE

Certificate of Conformity with Fugitive Emission Type Testing Acc. to: API Standard 624 First Edition, February 2014

Certificate No.: QT-IS-SH090002/2021-01
Revision: R0

Name, Address of holder: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Oubei Baoyi industriai, Yongjia County, Wenzhou City, Zhejiang Province P.R. China

We hereby certify that the fugitive emission type test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by inspector of TÜV Thuringen according to requirements of API 624, First Edition, February 2014. The testing results of valves meet the above mentioned requirements.

1. Description of test valve:

Type designation of tested valve :	Gate Valve
Description of valve:	Rising Stem Gate Valve
Nominal size (NPS):	2
Pressure rating (PN):	800 Lb
Valve body material:	ASTM A105N
Stem packing/Manufacturer:	Graphite Packing M600 / Zhejiang Magpie Sealing Element Co.,Ltd.

2. Qualified Range of Valve:

Nominal size(NPS): *(according to API 624 10.1.2 or 10.1.3)*	NPS 2 and smaller
The valve Class(LB) : *(according to API 624 10.1.2 or 10.1.3)*	800
Remark: the technical data of test valve see back of this certificate appendix 1	

This certificate is issued according to API 624 First Edition,February 2014, based upon the result of testing report on above mentioned test valve.

Shanghai, 23 Sep., 2021
Place, Date

Issued by He Ning
TÜV Thuringen Shanghai Co., Ltd.

TÜV THÜRINGEN CHINA

Appendix	Certificate No.	Reference Report No.
1	QT-IS-SH090002/2021-01	HCT2021VA02027

Technical Data Form

Name, Address of hoider:	**ZHEJIANG GUANZHENG VALVE CO., LTD. Oubei Baoyi Industrial, Yongjia County, Wenzhou City, Zhejiang Province P.R. China**
1. Type of Test Valve:	Gate Valve
2. Description of Test Vaive:	Rising Stem Gate Valve
DN and PN / Part Name	NPS 2, 800Lb
Body	ASTM A105
Stem	ASTM A182 F6a
Bonnet	ASTM A105
Gasket	SS304+Graphite
Packing	Graphite
Gland	ASTM A276 410
Connection	bolts
4. Drawing No.	2J61H-800Lb-00
Remark: detailed part information refers to valve drawing.	

Shanghai, 23 Sep., 2021
Place, Date

Issued by He Ning
TÜV Thuringen Shanghai Co., Ltd.

TÜV Thuringen Shanghai Co., Ltd.
C6, 16th Floor, 526 Laoshan Road, Shanghai 200122, PR China
Tel:+86-21-50851568
Fax:+86-21-58993126

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 Seventh Edition, June 2016

Certificate No.:283430

Ref. Test report No.: 283429

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	Trunnion Mounted Ball valve 2" Q47X-150LB
Description of Test Valve	Trunnion Mounted Ball valve 2" Q47X-150LB
Valve Size (NPS)	2"
Pressure Rating (Class)	Class 150
Valve Body Material	ASTM A105

2. Qualified Range of Valves :

Type	Ball valve
Description of Valves	Ball valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	2" and below,2-1/2",3",4"
Qualified Pressure Ratings (Class) *(according to API 607 Table 4)*	Class 150; Class 300;
Qualified Valve Material	Ferrite
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to API STD 607 Seventh Edition, June 2016, Paragraph 7.

Shanghai, Jan. 08, 2022
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 283430

Ref. Test report No.: 283429

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** Trunnion Mounted Ball valve 2" Q47X-150LB
2. **Description of Test Valve:** Trunnion Mounted Ball valve 2" Q47X-150LB
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	2"
Body cover	ASTM A105
Body	ASTM A105
Gasket	316+Graphite
Ball	ASTM A105/ENP
Stud	ASTM A193 B7
Nut	ASTM A194 2H
O-ring	HNBR
Bearing	316+PTFE
Seal ring	FKM
Seat assemby	ASTM A105/ENP
Stem	ASTM A105/ENP
Top flange	ASTM A105
Lever	AISI 1045
Design Drawing No.:	2" Q47X-150LB

Shanghai, Jan.08, 2022
(Place, date)

Zhenrong Xie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road.
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265949

Ref. Test report No.: 265948

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	4" 150LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	4"
Pressure Rating (Class)	Class 150
Valve Body Material	A105

2. Qualified Range of Valves :

Type	4" 150LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	4 "; 6 "; 8 "
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 150; Class 300;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve quaiification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265949

Ref. Test report No.: 265948

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** 4" 150LB Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	4"
Body	A105
Bonnet	A105
Nut M16	A194 2H
Stud M16X65	A193 B7
Gasket Φ220X Φ210X4	304+Graphite
O Ring Φ210X3.5	VITON
Seal ring	PTFE
Ball	A105+ENP
Stem	A105+ENP
Thrust washer	304
Screw	A193 B7
Packing Φ30X Φ20X5	Graphite
Gland	A105
Stop block	1025
Shaft retaining d20	65Mn
Lever	A216+WCB
Design Drawing No.:	4" Q41F-150LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265953

Ref. Test report No.: 265952

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	8" 150LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	8"
Pressure Rating (Class)	Class 150
Valve Body Material	A105

2. Qualified Range of Valves :

Type	8" 150LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	8" and large
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 150; Class 300;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265953

Ref. Test report No.: 265952

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. Type of Test Valve: 8" 150LB Ball Valve

2. Description of Test Valve: Ball Valve

3. Details of Valve:

Valves Size (NPS) / Material / Part Name	8"
Body	A105
Bonnet	A105
Gasket	304+Graphite
O Ring	VITON
Spring plate	A105
Seat support ring	A105
Ball	A105+ENP
Sliding bearing Φ75XΦ70X15	304+PTFE
Stem	12Cr13
Graphite Seal Ring	304+Graphite
Seal Ring	RPTFE
Back Stem	A105
Thrust washer Φ60XΦ50X2	304+PTFE
Gland	A105
Sliding bearing	304+PTFE
Screw	VITON
Packing	Graphite
Design Drawing No.:	8" Q347F-150LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Industrie Service GmbH
Benannte Stelle / Nummer - 0036 - für Druckgeräte
Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 SEVENTH EDITION, JUNE 2016

Certificate No.: 254876

Ref. Test report No.: 254875

Name and postal address of manufacturer: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016. The testing results of valves meet the requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016.

1. Description of Test Valve :

Type of Test Valve	Q47F-300LB NPS2" Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	2"
Pressure Rating (Class)	Class 300
Valve Body Material	ASTM A105

2. Qualified Range of Valves :

Type	Ball Valves
Description of Valves	Ball Valves
Qualified Sizes (NPS) *(according to API 607 Table 3)*	2" and below,2 $^{1}/_{2}$",3",4"
Qualified Pressure Ratings(Class: Lb) *(according to API 607 Table 4)*	Class 300, Class 400, Class 600
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, Paragraph 7.

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
The latest editlon of the General Terms and Conditions is applicable.

TÜV SÜD Industrie Service GmbH
Benannte Stelle / Nummer - 0036 - für Druckgeräte
Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

Appendix 1:

Certificate No.: 254876

Ref. Test report No.: 254875

Name and postal address of manufacturer: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** Q47F-300LB NPS2" Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	2"
Valve Body	ASTM A105
Valve Cover	ASTM A105
Ball	ASTM A105+ENP
Seat Support Ring	ASTM A105+ENP
Seat Sealing Ring	RPTFE
Valve Stem	ASTM A182 F6a
Packing	Graphite
Gland	ASTM A105+ENP
Nut	ASTM A194 2H
Bolt	ASTM A193 B7
Winding Gasket	304+Graphite
O Seal Ring	VITON
Plane Bearing	PTFE
Sliding Bearing	304+PTFE
Bottom Cover	ASTM A105+ENP
Thrust Bearing	PTFE
Design Drawing No.:	Q47F-300LB NPS2"-00

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
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Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 SEVENTH EDITION, JUNE 2016

Certificate No.: 254878

Ref. Test report No.: 254877

Name and postal address of manufacturer: ZHEJIANG GUANZHENG VALVE CO., LTD.
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016. The testing results of valves meet the requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016.

1. Description of Test Valve :

Type of Test Valve	Q47F-300LB NPS4" Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	4"
Pressure Rating (Class)	Class 300
Valve Body Material	ASTM A105

2. Qualified Range of Valves :

Type	Ball Valves
Description of Valves	Ball Valves
Qualified Sizes (NPS) *(according to API 607 Table 3)*	4",5",6",8"
Qualified Pressure Ratings(Class: Lb) *(according to API 607 Table 4)*	Class 300, Class 400, Class 600
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, Paragraph 7.

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
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Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

Appendix 1:

Certificate No.: 254878

Ref. Test report No.: 254877

Name and postal address of manufacturer: ZHEJIANG GUANZHENG VALVE CO., LTD.
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** Q47F-300LB NPS4" Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	4"
Valve Body	ASTM A105
Valve Cover	ASTM A105
Ball	ASTM A105+ENP
Seat Support Ring	ASTM A105+ENP
Seat Sealing Ring	RPTFE
Valve Stem	ASTM A182 F6a
Stem Packing	Graphite
Gland	ASTM A105+ENP
Nut	ASTM A194 2H
Bolt	ASTM A193 B7
Winding Gasket	304+Graphite
O Seal Ring	VITON
Plane Bearing	PTFE
Sliding Bearing	304+PTFE
Bottom Cover	ASTM A105+ENP
Thrust Bearing	PTFE
Design Drawing No.:	Q47F-300LB NPS4"-00

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
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Benannte Stelle / Nummer - 0036 - für Druckgeräte
Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
API STANDARD 607 SEVENTH EDITION, JUNE 2016

Certificate No.: 254882

Ref. Test report No.: 254881

Name and postal address of manufacturer: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016. The testing results of valves meet the requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016.

1. Description of Test Valve :

Type of Test Valve	Q347F-300LB NPS8" Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	8"
Pressure Rating (Class)	Class 300
Valve Body Material	ASTM A105

2. Qualified Range of Valves :

Type	Ball Valves
Description of Valves	Ball Valves
Qualified Sizes (NPS) *(according to API 607 Table 3)*	8" and larger
Qualified Pressure Ratings(Class: Lb) *(according to API 607 Table 4)*	Class300,Class 400, Class600
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, Paragraph 7.

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
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No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

Appendix 1:

Certificate No.: 254882

Ref. Test report No.: 254881

Name and postal address of manufacturer: ZHEJIANG GUANZHENG VALVE CO., LTD.
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** Q347F-300LB NPS8" Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	8"
Valve Body	ASTM A105
Valve Cover	ASTM A105
Ball	ASTM A105+ENP
Seat Support Ring	ASTM A105+ENP
Seat Sealing Ring	RPTFE
Valve Stem	ASTM A182 F6a
Stem Packing	Graphite
Gland	ASTM A105+ENP
Nut	ASTM A194 2H
Bolt	ASTM A193 B7
Winding Gasket	304+Graphite
O Seal Ring	VITON
Plane Bearing	PTFE
Sliding Bearing	304+PTFE
Bottom Cover	ASTM A105+ENP
Thrust Bearing	PTFE
Design Drawing No.:	Q347F-300LB NPS8"-00

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
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Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265945

Ref. Test report No.: 265944

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	2 " 600LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	2"
Pressure Rating (Class)	Class 600
Valve Body Material	A105

2. Qualified Range of Valves :

Type	2 " 600LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	≤2 "; 2-1/2 "; 3 "; 4 "
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 600; 800; 900;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265945

Ref. Test report No.: 265944

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** 2" 600LB Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	2 "
Bonnet	A105
Body	A105
Screw M8X20	35CrMoA
Gasket	304+Graphite
Lower Stem	A105+ENP
O Ring	VITON
Spring Φ6.5X Φ1.2X13X6.5	17-7PH
Spring plate	A105+ENP
Graphite Seal Ring	Graphite
Ball	A105+ENP
Sliding bearing Φ27X Φ24X10	304+PTFE
Seat seal ring	RPTFE
Seat	A105+ENP
Upper stem	A105+ENP
Thrust washer Φ39X Φ30X2	304+PTFE
Gland	A105+ENP
Packing Φ40X Φ30X5	Graphite
Fire safety ring	SS304
Lever	A216 WCB
Design Drawing No.:	2 " Q47F-600LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

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Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265951

Ref. Test report No.: 265950

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	4" 600LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	4"
Pressure Rating (Class)	Class 600
Valve Body Material	A105

2. Qualified Range of Valves :

Type	4" 600LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	4"; 6"; 8"
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 600; 800; 900;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265951

Ref. Test report No.: 265950

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** 4" 600LB Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	4"
Body	A105
Bonnet	A105
Gasket	304+Graphite
O Ring	VITON
Spring φ7X φ1.4X12X4.8	17-7PH
Spring plate	A105
Seat seal ring	A105
Seal Ring	RPTFE
Stem	A105+ENP
Ball	A105+PTFE
Graphite Seal Ring	304+Graphite
Screw	A193 B7
Lower Stem	A105
Sliding bearing	Cu
Thrust washer φ59X φ50X2	304+PTFE
Gland	A105
Packing	Graphite
Design Drawing No.:	4" Q347F-606LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

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Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265955

Ref. Test report No.: 265954

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyl Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	8" 600LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	8"
Pressure Rating (Class)	Class 600
Valve Body Material	A105

2. Qualified Range of Valves :

Type	8" 600LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	8" and large
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 600; 800; 900;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

Wenzhou, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265955

Ref. Test report No.: 265954

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** 8" 600LB Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	8"
Body	A105
Bonnet	A105
Gasket	304+Graphite
O Ring	VITON
Spring plate	A105
Seat support ring	A105
Ball	A105+ENP
Sliding bearing Φ95XΦ90X10	304+PTFE
Stem	12Cr13
Graphite Seal Ring	Graphite+Stainless steel
Seal Ring	RPTFE
Back Stem	A105
Electrostatic Spring Φ4	SS304
Sliding bearing	Cu
Thrust washer Φ75XΦ60X2	304+PTFE
Gland	A105
Packing	Graphite
Design Drawing No.:	8" Q347F-600LB-00

TÜV SÜD Industrie Service GmbH

Wenzhou, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

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Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265947

Ref. Test report No.: 265946

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test cn below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. Description of Test Valve :

Type of Test Valve	2 " 1500LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	2"
Pressure Rating (Class)	Class 1500
Valve Body Material	A105

2. Qualified Range of Valves :

Type	2 " 1500LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	≤2 "; 2-1/2 "; 3 "; 4 "
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 1500; Class 2500;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar vaives of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265947

Ref. Test report No.: 265946

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. Type of Test Valve: 2" 1500LB Ball Valve

2. Description of Test Valve: Ball Valve

3. Details of Valve:

Valves Size (NPS) / Material / Part Name	2 "
Bonnet	A105
Body	A105
Screw	35CrMoA
Gasket	304+Graphite
Back Stem	A105+ENP
O Ring	VITON
Spring Φ6.5X Φ1.2X13X6.5	17-7PH
Spring plate	A105+ENP
Graphite Seal Ring	Graphite
Ball	A105+ENP
Sliding bearing	304+PTFE
Seat seal ring	PEEK
Seat	A105+ENP
Upper stem	A105+ENP
Thrust washer Φ38X Φ32X2	304+PTFE
Gland	A105+ENP
Packing Φ42X Φ32X5	Graphite
Fire safety ring	SS304
Lever	A216 WCB
Design Drawing No.:	2 " Q47N-1500LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

TÜV SÜD Industrie Service GmbH
Benannte Stelle / Nummer - 0036 - für Druckgeräte
Westendstraße199
80686 München
Region China
Shanghai Office
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Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

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CERTIFICATE

(Certificate of conformity with technical requirements in:)

API STANDARD 607 SEVENTH EDITION, JUNE 2016

Certificate No.: 254880

Ref. Test report No.: 254879

Name and postal address of manufacturer: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016. The testing results of valves meet the requirements of API STANDARD 607 SEVENTH EDITION, JUNE 2016.

1. Description of Test Valve :

Type of Test Valve	Q347N-1500LB NPS4" Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	4"
Pressure Rating (Class)	Class 1500
Valve Body Material	ASTM A105

2. Qualified Range of Valves :

Type	Ball Valves
Description of Valves	Ball Valves
Qualified Sizes (NPS) *(according to API 607 Table 3)*	4",5",6",8"
Qualified Pressure Ratings(Class: Lb) *(according to API 607 Table 4)*	Class 1500, Class 2500
Qualified Valve Material *(according to APi 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to API STANDARD 607 SEVENTH EDITION, JUNE 2016, Paragraph 7.

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
The latest edition of the General Terms and Conditions is applicable.

TÜV SÜD Industrie Service GmbH
Benannte Stelle / Nummer - 0036 - für Druckgeräte
Westendstraße199
80686 München
Region China
Shanghai Office
No. 151 Heng Tong Road, Shanghai, 200070, P. R. China
Tel.: + 86 21 6141-0123 Fax: +86 21 6140 -8600

Industrie Service

Appendix 1:

Certificate No.: 254880

Ref. Test report No.: 254879

Name and postal address of manufacturer: **ZHEJIANG GUANZHENG VALVE CO., LTD.**
Baoyi Industrial Zone, Oubei Town,
Yongjia County, PC:325105, Wenzhou City,
Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** Q347N-1500LB NPS4" Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	4"
Valve Body	ASTM A105
Valve Cover	ASTM A105
Ball	ASTM A105+ENP
Seat Support Ring	ASTM A105+ENP
Seat Sealing Ring	RPTFE
Valve Stem	ASTM A182 F6a
Packing	Graphite
Gland	ASTM A105+ENP
Nut	ASTM A194 2H
Bolt	ASTM A193 B7
Winding Gasket	304+Graphite
O Seal Ring	VITON
Plane Bearing	PTFE
Sliding Bearing	304+PTFE
Bottom Cover	ASTM A105+ENP
Thrust Bearing	PTFE
Design Drawing No.:	Q347N-1500LB NPS4"-00

Shanghai, April 13, 2018
(Place, date)

TÜV SÜD Industrie Service GmbH

TÜV SÜD Shanghai
The latest edition of the General Terms and Conditions is applicable.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

CERTIFICATE

(Certificate of conformity with technical requirements in:)
API STANDARD 607 Seventh Edition, June 2016

Certificate No.:265957

Ref. Test report No.: 265956

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

We hereby certify that the fire test on below valves have been conducted at the laboratory designated by manufacturer and witnessed by TÜV SÜD inspector according to requirements of ANSI/API STD 607 Seventh Edition, June 2016. The testing results of valves meet the requirements of ANSI/API STD 607 Seventh Edition, June 2016.

1. **Description of Test Valve :**

Type of Test Valve	8" 1500LB Ball Valve
Description of Test Valve	Ball Valve
Valve Size (NPS)	8"
Pressure Rating (Class)	Class 1500
Valve Body Material	A105

2. **Qualified Range of Valves :**

Type	8" 1500LB Ball Valve
Description of Valves	Ball Valve
Qualified Sizes (NPS) *(according to API 607 Table 3)*	8" and large
Qualified Pressure Ratings(Class) *(according to API 607 Table 4)*	Class 1500; Class 2500;
Qualified Valve Material *(according to API 607 7.2)*	Ferritic
Remark: the technical data of tested valves see back of this certificate appendix 1.	

This certificate is issued according to ANSI/API STD 607 seventh Edition, June 2016, based upon the result of testing report on above mentioned test valve. The additional valve qualification shall be limited on similar valves of same basic design and construction as the test valves and of the same nonmetallic materials as the test valve in the seat-to-closure member seal, seat-to-body seal, stem seal, and body joint and seal according to ANSI/API STD 607 Seventh Edition, June 2016, Paragraph 7.

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongxie
TÜV SÜD Industrie Service GmbH
Westendstr.199
80686 München Germany

Industrie Service

Appendix 1:

Certificate No.: 265957

Ref. Test report No.: 265956

Name and postal address of manufacturer: **Zhejiang GuanZheng Valve co., Ltd.**
Baoyi Industrial Zone, Oubei Town, Yongjia County,
Wenzhou City, Zhejiang Province.P.R.China.

Technical Data of Valve

1. **Type of Test Valve:** 8" 1500LB Ball Valve
2. **Description of Test Valve:** Ball Valve
3. **Details of Valve:**

Valves Size (NPS) / Material / Part Name	8"
Body	A105
Bonnet	A105
Gasket	304+Graphite
O Ring	VITON
Spring plate	A105
Seat support ring	A105
Ball	A105+ENP
Sliding bearing	304+PTFE
Stem	12Cr13
Graphite Seal Ring	304+Graphite
Seal Ring	RPTFE
Screw M14X45	A193 B7
Back Stem	A105
Thrust washer ϕ 107X ϕ 95X2	304+PTFE
Gland	A105
Packing	Graphite
Design Drawing No.:	8" Q347F-1500LB-00

TÜV SÜD Industrie Service GmbH

Shanghai, Oct. 22th, 2019
(Place, date)

zhenrongXie
TÜV SÜD Industrie Service GmbH

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

ISO 15848-1 QUALIFICATION CERTIFICATE

Industrie Service

Certificate No.: 264866

Ref. Test report No.: 264865

We hereby certify that the valve below has passed the fugitive emission test successfully according to Class of ISO15848-1:2015+Amd.1:2017 for a total of **205** cycles.

Name of manufacturer	Zhejiang Guanzheng Valve co.,Ltd.
Address of manufacturer	Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, Zhejiang, P.R. China
Item	12"-600LB Global Valve
Valve size	12"
Pressure rating	600LB
Stem size	Φ60mm
Body/bonnet material	WCB+STL/ WCB
Seal material	304+Graphite
Valve assembly drawing no.	12" SLJ41Y-600LB-00

The tested valve covers performance class (para.6.6):

ISO FE BH – CO1 – SSA 0 – t (RT to 200°C)– CL600– ISO 15848-1

Extension of qualification (in particular) to untested valves in accordance with paragraph 8 of ISO15848-1.

Other stem sizes qualified: 30mm up to 120mm

Other pressure ranges qualified: Class 600 and lower

This certificate must be read in conjunction with test report No.: 264865

Shanghai, Sep. 24th, 2019
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München Germany

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

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ISO 15848-1 QUALIFICATION CERTIFICATE

Industrie Service

Certificate No.: 270536

Ref. Test report No.: 270535

We hereby certify that the valve below has passed the fugitive emission test successfully according to Class of ISO15848-1:2015+Amd.1:2017 for a total of **205** cycles.

Name of manufacturer	Zhejiang Guanzheng Valve co.,Ltd.
Address of manufacturer	Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, Zhejiang, P.R. China
Item	10"-300LB Butterfly Valve
Valve size	10"
Pressure rating	300LB
Stem size	Φ42mm
Body/bonnet material	WCB
Seal material	304
Valve assembly drawing no.	10" D343H-300LB-00

The tested valve covers performance class (para.6.6):

ISO FE BH – CO1 –SSA 0 – t (RT to 200℃) – CL300 – ISO 15848-1

Extension of qualification (in particular) to untested valves in accordance with paragraph 8 of ISO15848-1.

Other stem sizes qualified: 21mm up to 84mm

Other pressure ranges qualified: Class 300 and lower

This certificate must be read in conjunction with test report No.: 270535

Shanghai, Jul. 7th, 2020
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München Germany

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

ISO 15848-1 QUALIFICATION CERTIFICATE

TÜV SÜD Industrie Service

Certificate No.: 270540

Ref. Test report No.: 270539

We hereby certify that the valve below has passed the fugitive emission test successfully according to Class of ISO15848-1:2015+Amd.1:2017 for a total of **205** cycles.

Name of manufacturer	Zhejiang Guanzheng Valve co.,Ltd.
Address of manufacturer	Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, Zhejiang, P.R. China
Item	6"-300LB Ball Valve
Valve size	6"
Pressure rating	300LB
Stem size	Φ40mm
Body/bonnet material	WCB
Seal material	PTFE
Valve assembly drawing no.	6" Q341F-300LbC-00

The tested valve covers performance class (para.6.6):

ISO FE BH – CO1 –SSA 0 – t (RT to 200℃) – CL300 – ISO 15848-1

Extension of qualification (in particular) to untested valves in accordance with paragraph 8 of ISO15848-1.

Other stem sizes qualified: 20mm up to 80mm

Other pressure ranges qualified: Class 300 and lower

This certificate must be read in conjunction with test report No.: 270539

Shanghai, Jul. 7th, 2020
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München Germany

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

ISO 15848-1 QUALIFICATION CERTIFICATE

TÜV SÜD Industrie Service

Certificate No.: 270534
Ref. Test report No.: 270533

We hereby certify that the valve below has passed the fugitive emission test successfully according to Class of ISO15848-1:2015+Amd.1:2017 for a total of **205** cycles.

Name of manufacturer	Zhejiang Guanzheng Valve co.,Ltd.
Address of manufacturer	Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, Zhejiang, P.R. China
Item	6"-600LB Gate Valve
Valve size	6"
Pressure rating	600LB
Stem size	Φ40mm
Body/bonnet material	WCB/ WCB
Seal material	304+Graphite
Valve assembly drawing no.	6" Z41Y-600LB-00

The tested valve covers performance class (para.6.6):

ISO FE BH – CO1 –SSA 0 – t (RT to 200℃) – CL600 – ISO 15848-1

Extension of qualification (in particular) to untested valves in accordance with paragraph 8 of ISO15848-1.

Other stem sizes qualified: 20mm up to 80mm

Other pressure ranges qualified: Class 600 and lower

This certificate must be read in conjunction with test report No.: 270533

Shanghai, Jul. 7th, 2020
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München Germany

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

ISO 15848-1 QUALIFICATION CERTIFICATE

TÜV SÜD Industrie Service

Certificate No.: 270538
Ref. Test report No.: 270537

We hereby certify that the valve below has passed the fugitive emission test successfully according to manufacturer's requirements.

Name of manufacturer	Zhejiang Guanzheng Valve co.,Ltd.
Address of manufacturer	Baoyi Industrial Zone, Oubei Town, Yongjia County, Wenzhou City, Zhejiang, P.R. China
Item	2"-300LB Check Valve
Valve size	2"
Pressure rating	300LB
Body/bonnet material	WCB
Valve assembly drawing no.	2" H44H-300LB-00

Test condition:

The test has been referred to the method of ISO 15848-1:2015+Amd.1:2017 annex B and carried out according to the requirements of the customer. The key test conditions have been specified according to the following information:

Test fluid	Helium 97% minimum purity
Test temperature (℃)	RT and 200
Thermal Cycles	/
Test Pressure (bar):	51.1 at RT and 43.8 at 200℃
Body seal leakage (ppmv)	≤50

Extension of qualification (in particular) to untested valves in accordance with paragraph 8 of ISO15848-1.

This certificate must be read in conjunction with test report No.: 270537

Shanghai, Jul. 7th, 2020
(Place, date)

Xie Zhenrong
TÜV SÜD Industrie Service GmbH
Westendstr. 199
80686 München Germany

TÜV SÜD Industrie Service GmbH
Shanghai Office
Floor 3-13, No.151, Heng Tong Road,
Shanghai 200070 P. R. China

Tel.: +86 21 6141-0123
Fax: + 86 21 6140-8600

中华人民共和国
特种设备生产许可证

Production License of Special Equipment
People's Republic of China

编号： TS271096M-2024

单位名称： 浙江冠正阀门股份有限公司

住　　所： 浙江省永嘉县瓯北镇堡一工业区

制造地址： 浙江省永嘉县瓯北镇堡一工业区

经审查，获准从事以下特种设备生产活动：

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发证机关： 国家市场监督管理总局

有效期至： 2024年09月27日

发证日期：2021年09月28日

国家市场监督管理总局

统一社会信用代码

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法定代表人　池光辉

经营范围　阀门、泵、压力容器、防腐设备、环保设备、消防设备、紧固件、五金交电及配件生产、销售；工程设备、仪器仪表、井下工具、采油设备及配件、液压阀门试验台、液压件、液电气动装置、阀门的安装、维修；货物进出口、技术进出口。（依法须经批准的项目，经相关部门批准后方可开展经营活动）

注册资本　壹亿叁仟万元整

成立日期　1989 年 08 月 17 日

营业期限　1989 年 08 月 17 日 至 2039 年 07 月 13 日

住　　所　浙江省永嘉县瓯北镇堡一工业区

登记机关　永嘉市市场监督管理局

2021 年 08 月 09 日

国家企业信用信息公示系统网址：http://www.gsxt.gov.cn

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