WORLDS VALVE

Tianjin Worlds Valve Co., Ltd. is located in Tianjin, which is only 3 kilometers away from Tianjin Xingang Port. Tianjin Worlds Valve Co., Ltd. is a specialized manufacturing enterprise that focuses on production, installation, sale and service. Our main products include center line butterfly valves, eccentric butterfly valves, check valves, gate valves, Y type strainer and other related products. Moreover, we can produce valves with different materials, pressures, specifications, and actuation ways. Our products include more than 50 serials and 1200 species, and our annual production capacity is more than 8,000 metric tons.

Our valves have been selling well all over China and are exported Europe, America and other countries and areas. Our products are widely used in water supply and drainage, electric power, petrol chemical industry, and metallurgy. Our products are quite creative with good quality and cheap price.Tianjin Worlds Valve Co., Ltd. has advanced technicians and engineers and has a lot of large and middle-sized machines including 178 sets manufacturing equipment and 32 sets of performance testing equipment imported from abroad. Our products have original design, exquisite technique, perfect manufacturing process and complete testing ways. We have attained ISO9001 international quality system certification of DNV. Tianjin Worlds Valve Co., Ltd. is going to supply the best products and services for all customers.

天津沃得斯阀门有限公司坐落在天津市滨海新区，距天津港码头仅 3 公里，交通十分便利。天津沃得斯阀门有限公司是集设计开发、生产、安装、销售、服务为一体的专业化阀门制造企业。主导产品有：中线蝶阀、偏心蝶阀、闸阀、止回阀、Y 型过滤器等系列产品。同时还生产不同材质、压力、规格、驱动方式的系列产品，现有 50 多个系列，1200 多个品种。年生产制造能力达 8000 吨以上。

产品覆盖全国各地，并远销欧美等国家，广泛用于给排水、电力、石化、冶金等行业。产品匠心独运，质优价宜，声誉美扬，颇受用户信赖。天津沃得斯阀门有限公司拥有精良大、中型机加工设备 178 台 / 套和从国外引进的检验试验设备 32 台 / 套。产品设计新颖，结构先进，工艺精湛，制作精良，检测手段完备，并已通过挪威船级社 ISO9001 国际质量体系认证。天津沃得斯阀门有限公司将以更求实的精神将更优质的产品、更完善的服务奉献给用户。



WORLDS VALVE

ZMG 1509862

营业执照

(副 本)

统一社会信用代码 91120116660339827K

名　　称	天津沃得斯阀门有限公司
类　　型	有限责任公司
住　　所	天津市滨海新区塘沽迎宾大道1988号1号楼-1007
法定代表人	郝艳辉
注册资本	伍佰万元人民币
成立日期	二00七年五月二十二日
营业期限	2007年05月22日至 2027年05月21日
经营范围	阀门及零配件生产、加工、销售；机电产品（不含小轿车）、五金交电、日用百货批发兼零售；对外贸易经营。国家有专营专项规定的按专营专项规定办理。

登记机关

天津自由贸易试验区市场和质量监督管理局

2016 年 04 月 28 日

每年1月1日至6月30日，应登录公示系统报送年度报告，逾期列入经营异常名录

企业信用信息公示系统网址：www.tjcredit.gov.cn

中华人民共和国国家工商行政管理总局监制

Tianjin Worlds Valve Co., Ltd.

现行证书日期：	2023年 9月 24日	首次颁发日期:
证书有效期限：	2026年 9月 23日	ISO 9001 - 2014年 9月 24日
证书识别编码：	10548847	

认证证书

兹此证明下列公司之管理体系：

天津沃得斯阀门有限公司

中国, 天津市津南区北闸口工业园福惠道25号

统一社会信用代码: 91120116660339827K

注册地址： 天津市滨海新区塘沽迎宾大道1988号1号楼1007

通过LRQA之认证，符合下列管理体系标准：

ISO 9001:2015
GB/T 19001-2016

证书编号： ISO 9001 – 0068971

该管理体系适用于：

工业用阀门和过滤器的设计和制造(<=4Mpa)。

管大红

大中华区运营总监，评审业务

劳盛质量认证（上海）有限公司

颁证机构： 劳盛质量认证有限公司

UKAS MANAGEMENT SYSTEMS
0001

本证书信息最迟可于证书发放之日起30个工作日后在国家认证认可监督管理委员会官方网站(www.cnca.gov.cn)上查询。获证组织必须定期接受监督审核并经审核合格此证书方继续有效。

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.
Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

Current issue date:	24 September 2023	Original approval(s):
Expiry date:	23 September 2026	ISO 9001 - 24 September 2014
Certificate identity number:	10548846	

Certificate of Approval

This is to certify that the Management System of:

Tianjin Worlds Valve Co., Ltd.

No. 25, Fuhui Road, Beizhakou Industrual Zone, Jinnan District, Tianjin City 300353, China

Unified Social Credit Code: 91120116660339827K

Registration Address: Room 1007, Building 1, No. 1988, Yingbin Road, Tanggu, Binhai New District, Tianjin City

has been approved by LRQA to the following standards:

ISO 9001:2015
GB/T 19001-2016

Approval number(s): ISO 9001 – 0068971

The scope of this approval is applicable to:

Design and manufacture of industrial application valves and strainers (<=4Mpa).

Davis Guan

Regional Director, Greater China, Assessment

LRQA Shanghai Office

Issued by: LRQA Limited

UKAS MANAGEMENT SYSTEMS
0001

The certificate can be checked for validity on CNCA website (www.cnca.gov.cn) 30 working days after the date of issuance. This approval is subject to surveillance assessment carried out in accordance with the LRQA assessment and certification procedures.
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Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105, as amended.

This is to certify that the Quality Management System of:

Tianjin Worlds Valve Co., Ltd.
Registration address: Room 1007, Building 1, No. 1988, Yingbin Road, Tanggu, Binhai New District, Tianjin City,
Factory address: No. 25, Fuhui Road, Beizhakou Industrial Zone, Jinnan District, Tianjin City,
People's Republic of China

has been assessed against the requirements of Module H of the above Regulations and conforms to the requirements for the products shown below:

Design and Manufacture of Butterfly Valves, Check Valves, Gate Valves and Strainers (see attached schedule)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Regulations for the products listed on the attached schedule.

Authorisation is hereby given to use the Approved Body Identification Number in accordance with the requirements of the specified Regulations in relation to the products as identified above.

Certificate No.:	0038/UK/PER/BJG6020650/A
Original Approval:	20 October 2021
Current Certificate:	3 October 2023
Certificate Expiry:	2 October 2026
Approved Body No.	0038

Alfred Yao on behalf of LRQA Verification Limited

LRQA Verification Limited (Reg. No. 4929226) is a limited company registered in England and Wales. Registered office: 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES
A subsidiary of LRQA Group Limited.

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CERTIFICATE SCHEDULE
0038/UK/PER/BJG6020650/A

In accordance with the requirements of the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105, as amended.

Tianjin Worlds Valve Co., Ltd.
Registration address: Room 1007, Building 1, No. 1988, Yingbin Road, Tanggu, Binhai New District, Tianjin City,
Factory address: No. 25, Fuhui Road, Beizhakou Industrial Zone, Jinnan District, Tianjin City,
People's Republic of China

Products	Sizes and Grades
Butterfly Valves	Up to DN1200, up to PN16
Check Valves	Up to DN600, up to PN16
Gate Valves	Up to DN600, up to PN16
Y Type Strainers	Up to DN300, up to PN16
Note:	
Temperature	-20℃ - +120℃
Mediums	Water, oil, steam

Schedule Issue: 01

Date of Schedule Issue: 3 October 2023

Approved Body No. 0038

Alfred Yao on behalf of LRQA Verification Limited

LRQA Verification Limited (Reg. No. 4929226) is a limited company registered in England and Wales. Registered office: 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES
A subsidiary of LRQA Group Limited.

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EU CERTIFICATE OF CONFORMITY

In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

This is to certify that the Quality Management System of:

Tianjin Worlds Valve Co., Ltd.
Registration address: Room 1007, Building 1, No. 1988, Yingbin Road, Tanggu, Binhai New District, Tianjin City,
Factory address: No. 25, Fuhui Road, Beizhakou Industrial Zone, Jinnan District, Tianjin City,
People's Republic of China

has been assessed against the requirements of Annex III, Module H of the above Directive and conforms to the requirements for the products shown below:

Design and Manufacture of Butterfly Valves, Check Valves, Gate Valves and Strainers (see attached schedule)

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive for the product(s) listed on the attached schedule.

Authorisation is hereby given to use the Notified Body Identification Number in accordance with the requirements of the specified Directive in relation to the products as identified above.

Certificate No.:	0343/PED/0038/PED/SHA/6020650/A
Original Approval:	3 October 2014
Current Certificate:	3 October 2023
Certificate Expiry:	2 October 2026
Notified Body No.	0343

Alfred Yao on behalf of LRQA Nederland B.V.

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

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WRAS
APPROVED PRODUCT

This certifies that

TIANJIN WORLDS VALVE CO., LTD.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

WDS-CBF BUTTERFLY VALVES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

November 2027

Certificate No.

2211340

Ian Hughes,
WRAS Approvals Manager

Tianjin Worlds Valve Co., Ltd.

WRAS
APPROVED PRODUCT

This certifies that

TIANJIN WORLDS VALVE CO., LTD.

has had the undermentioned product(s) examined, tested and certified as being of an appropriate quality and standard as required in the Water Supply (Water Fittings) Regulations and Scottish Water Byelaws, subject to scheme requirements being met when installed.

Model Numbers

WDS-RGV GATE VALVES

The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current status of an approval must be obtained from the WRAS Approvals Directory (www.wras.co.uk/directory)

The product so mentioned will be valid until the end of:

January 2028

Certificate No.

2301355

Ian Hughes,
WRAS Approvals Manager

Tianjin Worlds Valve Co., Ltd.

CARSO - LABORATOIRE SANTÉ ENVIRONNEMENT HYGIÈNE DE LYON
Laboratoire Agréé pour les analyses d'eaux par le Ministère de la Santé
Laboratoire habilité par le Ministère chargé de la santé en application de l'article R*.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la santé Direction Générale de la Santé DGS/SD7A 2002 n°571 du 25 novembre 2002

Coordonnées du demandeur des essais / *Contact details of the ACS owner* :

TIANJIN WORLDS VALVE CO., LTD
No.25 Fuhui road
Beizhakou Electrical Industrial Area
Jinnan District
TIANJIN
P.R. CHINA

Nom de l'accessoire représentatif / *Reference of the representative accessory* :
Vanne papillon / *Butterfly valve* CBF02-TA01 DN 50

N° de dossier attribué par le laboratoire habilité / *File reference* : **23 ACC LY 021**

Date de réalisation des essais d'inertie selon la norme XP P41-280 : aucun essai de migration n'est nécessaire à l'obtention de cette ACS.
Tests date (according to the standard XP P 41-280) : No testing is required to issue this ACS.
Commentaires : les composants organiques sont conformes à l'arrêté du 29 mai 1997 modifié. Les composants métalliques sont conformes à l'arrêté du 25 juin 2020.
Comments : organic components are compliant with the decree dated 29th May 1997 modified. Metallic components are compliant with the decree dated 25th June 2020.

Famille d'accessoires couverte par l'ACS / *Accessories' family covered by this certificate* :
Vannes papillons / Butterfly valves

Références / References (3 references) :

CBF02-TU01 (U Section) DN40 - DN1200
CBF02-TA01 (Wafer type) DN40 - DN1200
CBF02-TL01 (Lug type) DN40 - DN600

Attestation délivrée par : Christelle AUTUGELLE — Signature :
Responsable Laboratoire MCDE
CARSO - L.S.E.H.L.

A la date du /*Date of issue* : 01 Février 2023
Date d'expiration / *Expiration date* : 01 Février 2028
Commentaires / *Comments* : Renouvellement / *Renewal* 18 ACC LY 165

Société par action simplifiée au capital de 2 283 622,38 Euros - RCS Lyon B 410 545 313 - SIRET 410 545 313 00042 - APE 743 B - N° TVA : FR 82 410 545 313
Siège Social et laboratoire : 4, avenue Jean Moulin - CS 30228 - F - 69633 VENISSIEUX cedex - Tél. : (33) 04 72 76 16 16 - Fax : (33) 04 78 72 35 03
Site web : www.groupecarso.com - e-mail : mcde@groupecarso.com

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. **FAB254624WS**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

Description	**Iron castings**
Type	**Nodular Graphite Iron Casting**
Applicant	**TIANJIN WORLDS VALVE CO., LTD.** **No.25 Fuhui Road, Beizhakou Industrial Park, Jinnan District Tianjin (Tianjin)** **CHINA**
Manufacturer	**Tianjin Tuocheng Metal Production Co., Ltd.**
Place of manufacture	**East of Beihu Village, Xiaozhan Town, Jinnan District, Tianjin City, China Tianjin (Tianjin)** **CHINA**
Reference standards	**RINA Rules for the approval of manufacturers of materials**

Issued in **RINA China Marine** on **May 7, 2024**. *This Certificate is valid until* **May 6, 2029**

Hong Gu

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

Digitally signed by RINA Services S.p.A. on 25 Jun 2024. No handwritten signature is provided.

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS
No. **FAB254624WS**
Enclosure - Page 1 of 1
Nodular Graphite Iron Casting

APPROVAL CONDITIONS

- Iron Type: **SG Cast Iron (Nodular Graphite Iron Casting)**
- Casting Method: **SC (sand casting)**
- Max. Weight: **800 kg**
- Max. Section/wall Thickness: **as cast**
- heat treatment Condition: **as cast**

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

RINA China Marine 05/07/2024

RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova
Tel +39 010 53851
Fax +39 010 5351000

Digitally signed by RINA Services S.p.A. on 25 Jun 2024. No handwritten signature is provided.

DNV·GL

CERTIFICATE
FOR VALVE - BUTTERFLY

Certificate No:
N141UR7X
Rev.01

This is to certify

that the product:	**2 x Butterfly Valve**
Type designation:	**HBV-101 DN450 / HBV-102 DN450**
Application/context:	**Shipside Valve**
Serial/tag no:	**N.A.**

Has been found to comply with relevant requirements in:
DNVGL-RU-SHIP :DNV GL Rules for classification – Ships (2018-07)
DNV GL rules for classification: Ships (2016-01)

The product is intended for

Yard:	
Yard No:	
Name of vessel:	
DNV GL Id No:	

The product / material has been marked: VL marking on: Valve body below top flange

Particulars of Vendor and Purchaser

Vendor:	**Tianjin Worlds Valve Co.,Ltd.**
Vendor reference:	**Butterfly valve**
Purchaser:	
Purchaser reference:	**19008717**

Issued at **Tianjin** on **2019-07-28**

for **DNV GL**

This document has been digitally signed and will therefore not have handwritten signatures

He, Zhi Min
Surveyor

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AMERICAN BUREAU OF SHIPPING

Customer Name	**TIANJIN WORLDS VALVE CO.,LTD**	Purchase Order No.	
Attending Office	**Tianjin**	Report Number	**TJ3652611-B**
First Visit Date	**04-Apr-2019**	Last Visit Date	**08-Apr-2019**

Two (2) Sets Ship Side Valves (Double Flange Butterfly Valve) Quantity: One(1)
Manufacturer:TIANJIN WORLDS VALVE CO.,LTD

Survey Location: Tianjin, P.R. China

Equipment Data

Destination Vessel (Name)	STI MERAUX
Destination Vessel (Class Number)	14245991
Builder/Shipyard	
Builder ID / Hull No.	
Purchaser Name	

Additional Data

ABS Stamping ✠ TJ3652611-B

The scope of work was as agreed.
The survey of the items identified has been carried out in accordance with the applicable Process Instruction.

At the request of TIANJIN WORLDS VALVE CO.,LTD , the undersigned surveyor attended at Tianjin, P.R. China on 04 April 2019 in order to witness and report on the butterfly valves testing.

1. Particular:
1.1 Quantity: Two (2) sets.
1.2 Size: DN400
1.3 Tag No.: HBV-101/ HBV-102
1.4 Body material: DIN1693 GGG40
1.5 PN (Bar): 10

2. The following test items were carried out under factory test procedure
1.1 Dimension inspection.
1.2 Hydraulic testing of valve casing (15 bar) and no leakage was found.
1.3 Hydraulic test of seal (11 bar) and no leakage was found.
1.4 Declaration of free-asbestos was reviewed on site.

3. For details of test result, refer to the manufacturer's test report endorsed by the undersigned

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

证书号第10861853号

实用新型专利证书

实用新型名称：一种密封效果好的全铜蝶阀

发　明　人：郝艳辉

专　利　号：ZL 2019 2 2004860.3

专利申请日：2019年11月20日

专利权人：天津沃得斯阀门有限公司

地　　址：300000 天津市滨海新区塘沽迎宾大道1988号1号楼-1007

授权公告日：2020年06月30日　　授权公告号：CN 210890154 U

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局长
申长雨

2020年06月30日

其他事项参见续页

证书号第10861426号

实用新型专利证书

实用新型名称：一种全衬U型蝶阀

发　明　人：郝艳辉

专　利　号：ZL 2019 2 2002260.3

专利申请日：2019年11月19日

专利权人：天津沃得斯阀门有限公司

地　　址：300000 天津市滨海新区塘沽迎宾大道1988号1号楼-1007

授权公告日：2020年06月30日　　授权公告号：CN 210890140 U

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局长
申长雨

2020年06月30日

其他事项参见续页