



**CERTIFICATE OF CONFORMITY OF QUALITY MANAGEMENT
SYSTEM CERTIFICATION**

Certificate No.: 30723Q20665R1S

This is to certify the quality management system of

CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD

Unified Social Credit Code: 911309255999236604

Zhenggang Industrial Park, Yanshan Economic Development Zone, Cangzhou City, Hebei
Province

is in conformity with

GB/T 19001-2016/ISO 9001:2015 standard

This certificate covers the following scope of quality management system

**PRODUCTION OF PRESSURE PIPE FITTINGS, FLANGES, SUPPORT AND
HANGERS OIL DRILLING MACHINERY AND EQUIPMENT ACCESSORIES**

Authorizer: 王国松

Issue Date: Oct.16,2020

Reissue Date: Jul.10,2024

Valid Until: Oct.14,2026



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C199-M



CERTIFICATION ORGANIZATION ADDRESS:

3th Floor, Comprehensive office building, No.2, Yuetan north Street, Xicheng District, Beijing

1. When The Certification Scope Involves Administrative License, Qualification Certificate and Compulsory Product Certification, The Certificate is Valid Subject to Relevant Qualifications.
2. The certified organization must be subject to regular surveillance audit and pass the audit before the certificate can continue to be valid. The validity of the certificate shall be subject to the scanning content of the QR code.
3. This Certificate Can be Inquired by Websites as follows: www.cnca.gov.cn, www.bac.net.cn.



中国航天



CERTIFICATE OF CONFORMITY OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

Certificate No.: 30723E20298R1S

This is to certify the environmental management system of

CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD

Unified Social Credit Code: 911309255999236604

Zhenggang Industrial Park, Yanshan Economic Development Zone, Cangzhou City, Hebei
Province

is in conformity with

GB/T 24001-2016/ISO 14001:2015 standard

This certificate covers the following scope of environment management
system

PRODUCTION OF PRESSURE PIPE FITTINGS, FLANGES, SUPPORT AND
HANGERS OIL DRILLING MACHINERY AND EQUIPMENT ACCESSORIES

Authorizer: 王国松

Issue Date: Oct. 16, 2020

Reissue Date: Jul. 10, 2024

Valid Until: Oct. 14, 2026



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C199-M



CERTIFICATION ORGANIZATION ADDRESS:

38th Floor, Comprehensive office building, No.2, Yuetan north Street, Xicheng District, Beijing

1. When The Certification Scope Involves Administrative License, Qualification Certificate and Compulsory Product Certifications, The Certificate Is Valid Subject to Relevant Qualifications.
2. The certified organisation must be subject to regular surveillance audit and pass the audit before the certificate can continue to be valid. The validity of the certificate shall be subject to the scanning content of the QR code.
3. This Certificate Can be Inquired by Websites as follows: www.cnas.gov.cn, www.bas.net.cn.



**CERTIFICATE OF CONFORMITY OF OCCUPATIONAL HEALTH
AND SAFETY MANAGEMENT SYSTEM CERTIFICATION**

Certificate No.: 30723S20283R1S

This is to certify the occupational health and safety management system of

CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD

Unified Social Credit Code: 911309255999236604

Zhenggang Industrial Park, Yanshan Economic Development Zone, Cangzhou City, Hebei
Province

is in conformity with

GB/T45001-2020/ISO 45001: 2018 standard

This certificate covers the following scope of occupational health and
safety management system

**PRODUCTION OF PRESSURE PIPE FITTINGS, FLANGES, SUPPORT AND
HANGERS OIL DRILLING MACHINERY AND EQUIPMENT ACCESSORIES**

Authorizer: 王国松

Issue Date: Oct. 16, 2020

Reissue Date: Jul. 10, 2024

Valid Until: Oct. 14, 2026



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C199-M



CERTIFICATION ORGANIZATION ADDRESS:

3th Floor, Comprehensive office building, No.2, Yuetan north Street, Xicheng District, Beijing

1. When The Certification Scope Involves Administrative License, Qualification Certificate and Compulsory Product Certification,

The Certificate Is Valid Subject to Relevant Qualifications.

2. The certified organization must be subject to regular surveillance audit and pass the audit before the certificate can continue to be valid.

The validity of the certificate shall be subject to the scanning content of the QR code.

3. This Certificate Can be Inquired by Websites as follows: www.cnas.gov.cn; www.bac.net.cn.



American
Petroleum
Institute

REGISTRATION NO. Q1-4951

Certificate of Registration

The American Petroleum Institute certifies that the quality management system of

CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD.
Zhenggang Industrial Park, Economic Development Zone
Yanshan County
Cangzhou City, Hebei Province
People's Republic of China

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

API Spec Q1, 9th Edition

The scope of this registration and the approved quality management system applies to the

**Manufacture and Sales of Pipe Fittings for
Pressure Piping, Flanges for the Oil and Gas Industry**

API approves the organization's justification for excluding
Design and Development; Servicing



Effective Date:
Expiration Date:
Registered Since:

JULY 14, 2023
JULY 14, 2026
JULY 14, 2023

Anchal Liddar

Senior Vice President of Global Industry Services

This certificate is valid for the period specified herein. The registered organization must continually meet all requirements of API Spec Q1, Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry, and the requirements of the Registration Agreement. Registration is maintained and regularly monitored through annual full system audits. This certificate has been issued from API offices located at 200 Massachusetts Avenue, NW Suite 1100, Washington, DC 20001-5571, U.S.A. It is the property of API and must be returned upon request. To verify the authenticity of this certificate, go to www.api.org/compositelist.



中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No.
QH23PWA00017

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。
This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

沧州泰昌管道装备有限公司
Cangzhou Taichang Pipeline Equipment CO., Ltd.

地址/Address

河北燕山经济开发区正港园区
Zhenggang Park, Yanshan Economic Development Zone, Hebei Province

产品名称/Product

管系附件
Piping Fitting
弯头、三通、法兰、异径管
Elbow, Tee, Flange, Reducer

附加标志/Notations

无/Nil.

认可标准/Approval Standard

1. 中国船级社《钢质海船入级规范》(2023) 及其变更通告 第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships 2023 and its Change Notices

用于/Intended for

船舶/Ships

证书有效期至/Certificate is valid until 2027年07月16日/ Jul. 16, 2027

发证机构/Issued by 中国船级社烟台分社
China Classification Society Yantai Branch

签发日期/Date 2023年07月17日
Jul. 17, 2023

本证书按照中国船级社规范和标准颁发, 颁发证书后, 证书持有人应遵守证书中列出的所有规定。证书的有效性依赖于证书持有人遵守证书中列出的所有规定。
This Certificate is issued pursuant to the Rules of the Society and related regulations. All pages of the certificate are valid as a whole and are used simultaneously. No part of the certificate is valid without bearing the stamp of the Society, no electronic certificate is valid without the digital signature, and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. Related parties who are doubtful about the authenticity of the certificate may inquire of the Society or its offices.
Form No. 1001 联系方式/Contact Us: 船务部官方网站/Official website of the Society: <http://www.ccs.org.cn>



UTN: P023-41701514



Marine & Offshore

Certificate number: SMS.W.II/137712/A.0

www.veristar.com

RECOGNITION FOR BV MODE II SCHEME

Cangzhou Taichang Pipeline Equipment Co., Ltd
Cangzhou - CHINA

Summary of the range of the recognition which is detailed in the subsequent page(s):
Pipe Fittings and Flange

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NRC20, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition.

This certificate will expire on: 05 Jul 2026

For BUREAU VERITAS,
At BV SHANGHAI, on 05 Jul 2022,
Jennifer Zhang

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <https://www.veristamb.com/veristamb.jsp/viewPublicPdfRecognition.jsp?id=v5sk7NoQf>
BV Mod. Ad.E 697 June 2017

This certificate consists of 2 page(s)



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000331

This is to certify:

That

Cangzhou Taichang Pipeline Equipment Co., Ltd.
Zhenggang Park, Hebei Yanshan Economic Development Zone, Cangzhou, Hebei,
China

is an approved manufacturer of
Steel Forgings

in accordance with
DNV rules for classification – Ships
DNV class programme – DNV-CP-0247 Steel forgings

and the following particulars:

Application area	Forgings for boilers, pressure vessels and piping systems
Steel type	Stainless steel forgings Carbon and carbon-manganese, Austenitic stainless,
Forging method	Open die forging
Max. weight	See page 2
Max. diameter / section	See page 2
Heat treatment condition	See page 2

Manufacturer approved by this certificate is accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfil the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-09-21**

This Certificate is valid until **2026-09-20**.

DNV local unit: **Dalian NB & CMC**

Approval Engineer: **Shylate Mahachi**



for **DNV**
Digitally Signed By: Roehr, Stefan
Location: DNV Hamburg, Germany
Signing Date: 07.11.2023, on behalf of
Thorsten Lohmann
Head of Section

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: AM 311

Revision: 2022-12

www.dnv.com

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Certificate Number 24-6034171
Issue Date 19-April-2024
Expiration Date 18-April-2029
ABS Port Office Tianjin, P.R.China
Website www.taichangjituan.com

CERTIFICATE OF

Manufacturing Assessment

This is to certify that the Undersigned evaluated the manufacturing quality procedures of
CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD.

located at
Zhenggang park, Yanshan Economic Development Zone, Cangzhou, China

The quality monitoring systems during production were verified to reflect the specific surveys, required by the ABS Rules/Guides, the associated Specifications and Standards for the manufacture of

Steel Pipe Fittings

This manufacturer presented a sample or specimen of the product, representative of the "type" approved for the purpose of verifying that the "type" has been manufactured in conformance with the Manufacturer's Product Design Assessment(s).

This Certificate is manufacturer and location specific and is subject to annual audits. Consult the ABS Type Approval website to confirm the continued validity of this certificate and the status of products.

The ABS Office issuing the certificate is to be kept updated with changes in the production methods, quality control systems, products and models and any changes made.



Chen Yao, Surveyor

Annual Endorsement
First

Second

Third

Fourth

Surveyor

WO and Date

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Certificate of Manufacturing Assessment Rev.7

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**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB515423WS/002

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.

<i>Description</i>	Seamless pipe fittings
<i>Type</i>	Elbows, Returns, Reducers, Tees, Crosses, Caps, Lap Joint, Stub End, material: Carbon & Carbon-manganeses steel, low alloy steel, Austenitic stainless steel, (Duplex) stainless steel
<i>Manufacturer</i>	Cangzhou Taichang Pipeline Equipment Co., Ltd.
<i>Place of manufacture</i>	Zhenggang Park, Yanshan Economic Development Zone, Cangzhou (Hebei) CHINA
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA China Marine** on **March 9, 2024**. This Certificate is valid until **March 9, 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 - 19129 Genova
Tel +39 010 53651
Fax +39 010 5361000

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