

Cangzhou Taichang Pipe Fitting Equipment Co., Ltd.

Qualification documents



Catalogue

I 、 COMPANY PROFILE.....	1
II 、 BUSINESS LICENSE (THREE CERTIFICATES IN ONE).....	3
III 、 SPECIAL EQUIPMENT MANUFACTURING LICENSE (PRESSURE PIPE COMPONENTS).....	4
IV 、 ACCOUNT OPENING LICENSE.....	5
V 、 GENERAL TAXPAYER QUALIFICATION CERTIFICATE.....	6
VI 、 ENTERPRISE CERTIFICATION.....	7
1. ISO9001 QUALITY SYSTEM CERTIFICATION.....	7
2. ISO14001 ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION.....	8
3. ISO45001 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION.....	9
4. GB/T27922 SERVICE CERTIFICATION CERTIFICATE.....	10
5. API CERTIFICATION.....	11
6. CCS CERTIFICATE.....	12
7. ABS CERTIFICATE	17
8. BV CERTIFICATE.....	20
9. DNV CERTIFICATE.....	22
10. RINA CERTIFICATE.....	26
11. CORPORATE GREEN FACTORY CERTIFICATION.....	30
VII 、 OVERVIEW OF FACTORY EQUIPMENT CAPACITY.....	35
VIII 、 SALES PERFORMANCE TABLE OF THE COMPANY.....	44
IX 、 CONTENTS AND MEASURES OF PRODUCT TECHNICAL SERVICE AND AFTER-SALES SERVICE.....	53

I、COMPANY PROFILE

Cangzhou Taichang Pipeline Equipment Co., Ltd. was established in 2012 and is located in Zhenggang Industrial Park, Yanshan County Economic Development Zone, known as the "Chinese Pipeline Equipment Manufacturing Base". The company covers an area of over 40000 square meters, with a construction area of over 25000 square meters and a registered capital of 92 million yuan. The existing cadre staff 236 people, Among them, there are 5 senior technical R & D personnel, 45 technical personnel of all kinds, and has formed a pipeline accessories industry chain R & D and manufacturing with various materials such as high and low pressure steel pipe fittings, flanges, pipes, supports and hangers. Products are widely used in petroleum, chemical, gas, military, nuclear power, shipbuilding, heat, paper, pharmaceutical, new energy and other industries.

The company currently has a hot-bent pipe production workshop, a High-pressure pipe fitting production workshop, a medium and low-pressure pipe fittings production workshop, a flange machining production workshop, a heat treatment workshop, a large diameter welded pipe fittings production workshop, and a stainless steel pipe fittings production workshop. We have a 6000T hydraulic press, a 2000T hydraulic press, three medium-frequency induction pusher machines, two large high-frequency induction bending machines, three vertical lathes with a diameter of 2.5m, a 3.2m diameter CNC drilling and milling machine, a large natural gas heat treatment furnace, a heating furnace, two resistance furnaces, and more than 200 sets of other welding, machining, surface treatment and other equipment. We have more than 50 sets of advanced testing equipment, including internationally and domestically advanced direct reading spectrometers, impact testing machines, metallographic microscopes, digital intelligent ultrasonic flaw detectors, X-ray flaw detectors, material universal testing machines, water pressure testing machines, hardness testers, ultrasonic thickness gauges, magnetic particle flaw detectors, far-infrared thermometers, etc., to provide quality assurance for our products and inject momentum into our company's development!

The company has successively obtained ISO9001 quality management system certification, API Q1 system certification, special equipment manufacturing license TS certification of the People's Republic of China, Weapon Equipment Quality Management System Certification, China CCS, France BV, Norway DNV-GL, UK LR, US ABS, Japan NK, Italy RINA and other international classification society certifications. Our main clients include: China National Petroleum Corporation, Sinopec, CNOOC, PipeChina, CHN ENERGY, CSSC, COSCO、CNCEC、TOWNGAS、CHINAGAS、ENN、CR GAS and other high-quality domestic and international clients, and have received unanimous praise from customers. Our company continuously deepens the "research, teaching and production" joint research and development model, obtaining 3 invention patents and 15 utility model patents, and being recognized as a high-tech enterprise and a specialized, special and new enterprise by the state. This has laid a solid foundation for creating safe and reliable products for customers and adding vibrant momentum to the pipeline equipment manufacturing industry.

The company adheres to the corporate values of "integrity, honesty, diligence, dedication, innovation, and responsibility", as well as the corporate mission of "creating value for

customers, building platforms for employees, realizing ideals for shareholders, and contributing to society", We continue to invest in talent development and technological innovation, and we also established the Taichang Foundation to actively fulfill our corporate social responsibility and participate in various social welfare activities.

Our efforts over the years have greatly improved our company's reputation, management, product quality and after-sales service, and won unanimous praise from customers. The company has always adhered to the quality policy of "innovation management, continuous improvement, customer first, careful service", adhered to the market-oriented, flexible mechanism, made full use of its own human resources and product advantages, established and implemented the whole process of product quality control from raw materials into the factory to finished products, and adhered to the principle of "quality first". Establish the concept of "prevention first", establish quality control points in each key process of the production process, control the key process and the quality of daily work, timely carry out internal audit and management review, adopt the combination of system control and dynamic management, thus driving the improvement of the overall product quality and service quality. The company relies on high-quality staff, first-class plant and equipment, advanced production technology and testing equipment, modern management mode, and complete qualification certificates to realize the company's scientific, standardized and large-scale.

Looking ahead to the world and the future, the united and enterprising Taichang people are taking practical actions of being lean and efficient, innovative and customer-oriented to advance towards the peak of China's pipeline equipment manufacturing. Taichang Company is here with you, and we are willing to be your permanent reliable partner.

II、BUSINESS LICENSE (THREE CERTIFICATES IN ONE)

营业执照 (副本)

统一社会信用代码 911309255999236604

名称 沧州泰昌管道装备有限公司

类型 有限责任公司(自然人投资或控股)

法定代表人 杨延周

经营范围 一般项目：金属结构制造。钢制管件、钢制管件、钢制法兰及管接头、弹簧支吊架及电缆桥架、耐磨管道、防腐保温管道及管件、压力容器、机械设备及配件、船舶设备及配件、五金机电设备及配件的加工、制造、销售；阀门、有色金属、黑色金属材料（板材、管材、型材）的销售；租赁服务；货物及技术进出口。（除依法须经批准的项目外，凭营业执照依法自主开展经营活动）

注册资本 玖仟贰佰万元整

成立日期 2012年07月11日

住所 河北盐山经济开发区正港园区

登记机关 行政审批局

2022年10月17日

扫描二维码
“国家企业信用信息公示系统”
了解更多登记、备案、许可、监

国家企业信用信息公示系统网址：
<http://www.gsxt.gov.cn>

市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告。

国家市场监督管理总局监制

III、SPECIAL EQUIPMENT MANUFACTURING LICENSE (PRESSURE PIPE
COMPONENTS)



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：TS2713455-2026

单位名称： 沧州泰昌管道装备有限公司
住 所： 河北盐山经济开发区正港园区
制造地址： 河北盐山经济开发区正港园区

经审查，获准从事以下特种设备生产活动：

许可项目	许可子项目	许可参数	备注
压力管道元件制造	压力管道管件 有缝管件 (B1、B2)、无缝管件 (B1、B2)	—	具体产品范围见型式试验证书
	压力管道法兰 (钢制锻造法兰)	—	具体产品范围见型式试验证书
	压力管道管件 (锻制管件)	—	具体产品范围见型式试验证书
	元件组合装置	—	限工厂化预制管段


发证机关： 河北省市场监督管理局
有效期至： 2026年02月23日
变更日期： 2024年06月26日



IV、ACCOUNT OPENING LICENSE

[illegible]

V、GENERAL TAXPAYER QUALIFICATION CERTIFICATE



国家税务总局河北省电子税务局

欢迎，沧州泰昌管道装备有限公司 | 退出

首页 > 我的信息 > 纳税人信息

返回

纳税基本信息查询

税费种认定信息

发票核定信息查询

资格信息查询


核定征收信息

社保费缴费登记信息

资格信息查询

加计抵减政策声明信息






序号	纳税人资格类型	有效起止	有效期止	作废标志	数据终止日期
1	增值税一般纳税人	2012-10-01	9999-12-31	N	9999-12-31



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服务电话：咨询电话 0311-12366 技术支持电话 0311-86112366

VI、 ENTERPRISE CERTIFICATION

VI.1、 IISO9001 quality system certification

 中国航天	
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
 MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT	 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.	

VI.2、ISO14001 environmental management system certification

 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: 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.	
	




VI.3、ISO450010 ccupational health and safety management system certification



VI.4、GB/T27922 service Certification Certificate

 中国航天		
★★★★★		
BEIJING HANGBIAO ERA TESTING AND CERTIFICATION CO., LTD. CERTIFICATE OF SERVICE		
Certificate No.: 30722SC030011R0S		
This is to certify the service of CANGZHOU TAICHANG PIPELINE EQUIPMENT CO., LTD		
Unified Social Credit Code: 911309255999236604 Zhenggang Park, Yanshan Economic Development Zone, Cangzhou City, Hebei Province		
The ability to serve GB/T 27922-2011 standard Five stars grade		
This certificate covers the following scope of service PRESSURE PIPE FITTINGS, FLANGES, SUPPORT HANGER AFTER-SALES SERVICE		
Issue Date: May .26,2022	Reissue Date: May .26,2022	Valid Until: May .25,2025
Authorizer: 王国松		
CERTIFICATION ORGANIZATION ADDRESS: 3th Floor, Comprehensive office building, No.2, Yuetan north Street, Xicheng District, Beijing		
<small>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</small>		

VI.5、API certification

	American Petroleum Institute	REGISTRATION NO. Q1-4951
<h2>Certificate of Registration</h2>		
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:	JULY 14, 2023
	Expiration Date:	JULY 14, 2026
	Registered Since:	JULY 14, 2023
		
Senior Vice President of Global Industry Services		
<small>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.</small>		
<small>2021-164 11.21 Digital</small>		

VI.6、CCS certificate



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

河北盐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, Triplet, 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/This Certificate is valid until 2027年07月16日/ Jul. 16,2027

发证机构 中国船级社秦皇岛分社
Issued by CCS Qianjiangdao Branch

签发日期 2023年07月17日
Date Jul. 17,2023

本证书根据中国船级社规范和相关规定签发。所有证书页为一个整体,必须同时使用。纸质证书每页均须由本社盖章方为有效,电子证书含数字签名方为有效。本证书复印件无效。任何单位和个人均不应摘录或节选本证书的部分内容。有关方对所持证书的真实性负责,如有疑问,可以向本社检验机构咨询。
This Certificate is issued pursuant to the Rules of the Society and related regulation. All pages of the certificate are taken as a whole and are used simultaneously. No paper certificate page is valid without bearing the stamp of the Society, no electronic certificates 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 doubted about the authenticity of the certificate may inquire of the Society or its offices.

Form No. W01.

联系方式/Contact Us: 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)



UTN:P023-41701514

证书编号/Certificate No. QH23PWA00017

产品明细/Product Description**弯头/Elbow (M0001)**

名称/Name	属性(值)/Value	单位/Unit
产品名称/Product Name	见附页 See additional page	
型号/Type	见附页 See additional page	
规格/Specification	见附页 See additional page	
材质/Material	见附页 See additional page	

三通/Triplet (M0001)

名称/Name	属性(值)/Value	单位/Unit
产品名称/Product Name	见附页 See additional page	
型号/Type	见附页 See additional page	
规格/Specification	见附页 See additional page	
材质/Material	见附页 See additional page	

法兰/Flange (M0001)

名称/Name	属性(值)/Value	单位/Unit
产品名称/Product Name	见附页 See additional page	
型号/Type	见附页 See additional page	
规格/Specification	见附页 See additional page	
材质/Material	见附页 See additional page	

异径管/Reducer (M0001)

名称/Name	属性(值)/Value	单位/Unit
产品名称/Product Name	见附页 See additional page	
型式/Model	见附页 See additional page	
规格/Specification	见附页 See additional page	
材料/Material	见附页 See additional page	

批准的图纸/Approved Drawings

图纸批准号/Drawings Approval No.: QH23PWA00017

产品认可试验报告/Approval Test Report

试验报告编号/ Test Report No.: TC/SY-23-0510-01

试验报告日期/ Test Report Date: 2023-07-01

试验单位/ Laboratory: 沧州泰昌管道装备有限公司 Cangzhou Taichang Pipeline Equipment CO.,Ltd.

试验单位地址/ Test Address: 河北盐山经济开发区正港园区 Zhenggang Park, Yanshan Economic Development Zone, Hebei Province

试验报告编号/ Test Report No.: ZY-2023-06-88; ZY-2023-06-89; ZY-2023-06-90; ZY-2023-06-91

试验报告日期/ Test Report Date: 2023-07-01

试验单位/ Laboratory: 盐山县中原金属材料与防腐检测有限公司 Yanshan Zhongyuan Metal Materials & Coating Inspection Co.,Ltd.

试验单位地址/ Test Address: 沧州市盐山县城南工业开发区 Yanshan County South Industrial Development Zone, Cangzhou city

认可后的产品检验方式/Method of Product Inspection after Approval

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验, 经检验合格后由本社颁发船用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

证书编号/Certificate No. QH23PWA00017

认可保持条件/Maintenance Requirements of Approval

1. 工厂认可后, 如果图纸、技术文件、工艺规程有较大改变, 应征得本社同意。若改变涉及或影响到产品的设计、主要制造材料、关键工艺或产品的特性、特征, 则与特性有关的图纸和技术文件应经过本社审批, 并在检验机构认为必要时, 经本社检验人员到厂进行检查和见证有关试验, 其结果应能证实仍符合认可条件。

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 工厂认可证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在定期审核日的前后三个月内进行。Those who have obtained the certificate of works approval shall receive periodical audit done by the Society on an annual basis. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 认可证书有效期内, 如果出现可能导致本社暂停或撤销认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to suspend or withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

备注/Remarks

本社已审核了产品厂无石棉声明, 但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社秦皇岛分社

CCS Qinhuangdao Branch

注: 本证书含有附页, 共2页

Note: The certificate is attached with additional 2 page(s)

附页/Additional Page

证书编号/Certificate No. QH23PWA00017

产 品 明 细 Product Description

产品名称 (型号) Product name (Model)	公称通径(DN) Nominal diameter	外径(mm) Outer diameter	厚度(mm) Thickness	制造方法 Making process	热处理 Heat treatment	材料 Material
短半径弯头/Elbow (ES)	DN15~DN600	Φ21.3~Φ610	2.0~25	热成型 Heat forming	正火 Normalizing	碳钢 Carbon steel
长半径弯头/Elbow (EL)	DN15~DN600	Φ21.3~Φ610	2.0~25		正火 Normalizing	
异径接头/Different diameter joint (RC)	DN15×10~DN600×500	Φ21.3×17.2~Φ610×508	2.0~25	热成型 Heat forming	正火 Normalizing	
异径接头/Different diameter joint (RE)	DN15×10~DN600×500	Φ21.3×17.2~Φ610×508	2.0~25		正火 Normalizing	
三通接头/Tee joint (TS)	DN15×15×15~DN600×600×600	Φ21.3×21.3×21.3~Φ610×610×610	2.0~25	冷成型 Cold forming	正火 Normalizing	奥氏体不锈钢 Austenitic stainless steel
三通接头/Tee joint (TR)	DN15×15×10~DN600×600×500	Φ21.3×21.3×17.2~Φ610×610×508	2.0~25		正火 Normalizing	
短半径弯头/Elbow (ES)	DN15~DN600	Φ21.3~Φ610	2.0~25	冷成型 Cold forming	固溶 Solid solution	
长半径弯头/Elbow (EL)	DN15~DN600	Φ21.3~Φ610	2.0~25		固溶 Solid solution	
异径接头/Different diameter joint (RC)	DN15×10~DN600×500	Φ21.3×17.2~Φ610×508	2.0~25	冷成型 Cold forming	固溶 Solid solution	奥氏体不锈钢 Austenitic stainless steel
异径接头/Different diameter joint (RE)	DN15×10~DN600×500	Φ21.3×17.2~Φ610×508	2.0~25		固溶 Solid solution	

第 1 页 共 2 页 / Page 1 of 2

证书编号/Certificate No. QH23PWA00017

证书编号/Certificate No. QH23PW.A00017					附页 / Additional Page	
三通接头/Tee joint (TS)	DN15×15×15~ DN600×600×600	Φ21.3×21.3×21.3~ Φ610×610×610	2.0~25	冷成型 Cold forming	固溶 Solid solution	
三通接头/Tee joint (TR)	DN15×15×10~ DN600×600×500	Φ21.3×21.3×17.2~ Φ610×610×508	2.0~25			
法兰/Flange	DN10~DN600	--	12~52	锻造 Forging	正火 Normalizing	碳钢 Carbon steel
法兰/Flange	DN10~DN600	--	12~52	锻造 Forging	固溶 Solid solution	奥氏体不锈钢 Austenitic stainless steel

--结束/END--

VI.7、ABS certificate



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 to 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

Page 1 of 1



4/19/2024

Cangzhou Taichang Pipeline Equipment Co., Ltd.

Zhenggang park, Yanshan Economic Development Zone, Cangzhou, China

+86-317-6282222

www.taichangjituan.com

Subject: Issuance of ABS Manufacturing Assessment Certificate (MA) Number: 24-6034171

Attention: whom it is concerned

This is in reference to your request of Manufacturing Assessment Audit on 17-Jan-2024. The review of your Quality Assurance System submittals and a Manufacturing Assessment audit of your facility have been satisfactorily completed.

We are therefore pleased to issue a Certificate of Manufacturing Assessment No. 24-6034171, valid until 18-Apr-2029. The product category of the products that have valid Certificate of Product Design Assessment (PDA) and PDA-Duplicates for will be shown as "Type Approved." An electronic copy of Confirmation of Product Type Approval will be downloadable from the ABS Type Approval Database.

A Confirmation of Product Type Approval represents that the product design meets the ABS Rules or Guides, statutory, industrial or manufacturer's standards described in the PDA and that the manufacturer has established a systematic quality monitoring system sufficient to show its capacity to consistently manufacture a product which meets the designated standards.

The MA Certificate will remain valid for five years, **subject to annual audits or surveillance audits and no changes to the scope and conditions of approval.** The audit window of MA audits is as follows:

- MA annual audits – 90 days before or after the anniversary date
- MA renewal audits – 90 days before or after the expiry date

When an audit is more than three months overdue, the MA will be automatically archived and product category will be reverted to "Design Assessed."

If a new MA Certificate is issued with the same expiry date due to product/company name/company address changes during the original MA Certificate's validity, the anniversary date of the original MA is to be used as reference.

Each MA Certificate is location specific and non-transferrable.

Your company is eligible to use the ABS "Type Approved Product" logo for marketing purpose. The artwork may be obtained by contacting ABS Programs at absta-programs@eagle.org.



Type Approval Audits

Page 1 of 2



Please recognize that **Product Type Approval will not waive Unit Certification** or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. Such requirements can be found in the "Service Restriction" section in each PDA Certificate. Should ABS Unit

Certification is required, please contact the responsible ABS Survey Office to witness any required surveys and tests.

We also remind you of the implementation of MEPC 269(68) 2015 Guidelines for the Development of the Inventory of Hazardous Materials which requires reporting of hazardous materials and requires a Material Declaration in accordance with section 6.2 and a Suppliers Declaration of Conformity in accordance with 7.2.

If at any time you wish to change the information published in the ABS Type Approval Database, please email ABS Programs at absia-programs@eagle.org

The Manufacturer shall notify ABS in writing of any product non-conformity resulting in the issuance of a Safety/Service Alert and Bulletin, including root causes and impact to the industry or vessels.

Unless the change is submitted to ABS for a new evaluation and audit, any of the following events will cause immediate suspension of the Certificate of PDA and/or MA.

- a) Redesign of the product or products covered by a Certificate of PDA or PDA-DUP;
- b) Change in production methods;
- c) Change in management organization or Quality Assurance System;
- d) Change in frequency or curriculum for personnel training;
- e) Refusing access to ABS personnel for periodic or annual audits;
- f) Failure to correct a non-compliance and deficiencies during an audit or in service;
- g) Failure to inform ABS of the latest Safety/Service Alert and/or Bulletin and prove the corrective measures are taken;
- h) Where willful misrepresentations or omissions are ascertained;
- i) Failure to pay ABS fees.

We look forward to working with you and encourage you to contact the undersigned for any questions of the ABS Type Approval Program.

Sincerely yours,

Chen Yao
ABS Tianjin Port



VI.8、BV certificate

Page 1 / 2



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 NR320, 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.veristarnb.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=v5ok7klo0f>

BV Mod. Ad.E 697 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

The products corresponding to the categories listed in the table below are to be certified individually or per batch by Bureau Veritas Marine & Offshore in compliance with the applicable requirements (IBV products as defined in NR320).

Generic product	Description
FLANGE	Pipe Flange
PIPE / TUBE AND FITTINGS	Pipe Fittings

2. LIMITATIONS

The certificates listed in the range of recognition are to be valid, as applicable.

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

Cangzhou Taichang Pipeline Equipment Co., Ltd has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. PERIMETER OF CERTIFICATION

Quality system of following site(s) has been assessed:

Cangzhou Taichang Pipeline Equipment Co., Ltd - Cangzhou - CHINA

4. REMARKS

1. Wugang Road, Yanshan Country, Cangzhou City, Hebei Province.
2. Each year / Annual Audit should be performed before 05, Jul.

*** END OF CERTIFICATE ***

VI.9、DNV certificate

APPROVAL OF MANUFACTURER
CERTIFICATECertificate No:
AMMM0000331

This is to certify:

That

Cangzhou Taichang Pipeline Equipment Co., Ltd.
Zhenggang Park, Hebei Yanshan Economic Development Zone, Cangzhou, Hebei,
Chinais an approved manufacturer of
Steel Forgingsin 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 fulfill 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

Page 1 of 2



Job Id: 263.11-012716-1
Certificate No: AMMM0000331

Particulars of the approval

Forgings for boilers, pressure vessels and piping systems

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition ²⁾
C and C-Mn	NV F450H, NV F490H	OD	1 014	150	NT

Stainless steel forgings including low temperature service

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition ²⁾
Austenitic	G-Ni (304)	OD	1 014	150	SHT
	CrNiMo (316/316L)	OD	1 014	150	SHT

Remarks:

- ¹⁾ OD: Open die forging
- ²⁾ NT: Normalised and tempered
SHT: Solution Heat Treated (Solution Annealing)
- ³⁾ Incl. equivalent grades in acc. to other standards
Stainless steel forgings shall be in accordance with recognized standards, e.g. EN 10222, ASTM A473/A965/A1049 and JIS G 3214, provided that supplementary requirements contained herein are also met. Recognition of other standards is subject to submission to the Society for evaluation.



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000337

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 Pipes and Fittings

in accordance with
DNV rules for classification – Ships
DNV class programme – DNV-CP-0252 Steel pipes and steel pipe fittings

and the following particulars:

Product
Application area

Steel type

Manufacturing method

Max. outer diameter

Max. wall thickness

Heat treatment condition

Additional approval conditions

Pipe fittings

Austenitic steel pipe fittings

Pipe fittings for low temperature service

Austenitic stainless

Carbon and carbon manganese

See page 2

See page 2

See page 2

See page 2

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 fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-11-07**

This Certificate is valid until **2026-11-06**

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

Page: 1 of 2



Job Id: 263.11-012715-1
Certificate No: AMMM0000337

Particulars of the approval

Piping fittings (elbows, tees, reducers)

Steel type	Grade ⁴⁾	Manufacturing method ¹⁾	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Austenitic stainless	304, 304L	CFS, HFS	610	10	SHT
	316, 316L	CFS, HFS	610	10	SHT
Carbon and carbon-manganese	WPB	CFS, HFS	610	25	N, NT

Remarks:

- ¹⁾ CFS: cold formed seamless
HFS: hot finished seamless
²⁾ SHT: Solution Heat Treated (solution annealing)
N: Normalised
NT: Normalised and tempered
³⁾ Piping fitting
Suitable pipe fittings shall be selected from the following recognized standards:
EN 10253, ASTM A234, ASTM A403, ASTM A420, ASTM A774, ASTM A815, ASTM A960, ASTM A961, JIS B2312, JIS B2313, JIS B2316

Special conditions:
Including austenitic stainless steel for approved low-temperature applications

VI.10、RINA certificate


**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-manganes 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 - 16128 Genova
Tel +39 010 53861
Fax +39 010 5351000

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

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB515423WS/001

Enclosure - Page 1 of 1

Steel Forgings for Carbon & Carbon-manganese steel, Low alloy steel, austenitic stainless steel and duplex stainless steel

APPROVAL CONDITIONS

- **Raw material:** Billet from approved supplier;
- **Manufacturing process:** Open die forging; Closed die forging;
- **Steel type, Max. weight and deliver condition:**

Steel type ¹⁾	Max. weight (kg)	Delivery condition ²⁾
Carbon & Carbon-manganese steel	1060	N; N+T; Q+T;
Alloy steel	1060	N; N+T; Q+T;
Austenitic stainless steel	1060	SHT
Duplex stainless steel	1060	SHT

Remarks:

- 1) Suitable forgings shall be selected from the following recognized standards: ASTM B16.5, ASTM B16.11, ASTM A105, ASTM A182, ASTM A350, ASTM A694.
- 2) N: Normalizing; N+T: Normalizing+Tempering; Q+T: Quenching+Tempering; SHT: Solution heat treatment.

Additional approval conditions:

Forgings in austenitic stainless steel is approved for low-temperature services.

Survey condition: the products are to be in compliance in all respects with the relevant RINA Rules and are to be tested accordingly.

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 March 9, 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 Mar 2024. No handwritten signature is provided.



**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-manganes 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 - 16126 Genova
Tel +39 010 53851
Fax +39 010 5351000

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

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB515423WS/002

Enclosure - Page 1 of 1

Elbows, Returns, Reducers, Tees, Crosses, Caps, Lap Joint, Stub End, material: Carbon steel, low alloy steel

Austenitic stainless steel, (Duplex) stainless steel

APPROVAL CONDITIONS

Products: Elbows, Returns, Reducers, Tees, Crosses, Caps, Lap Joint, Stub End;

Manufacturing process: Pipes fittings made from pipes with hot forming or cold drawing;

Steel type ³⁾	Manufacturing process ¹⁾	Max. O.D.(mm)	Max. thickness (mm)	Delivery condition ²⁾
Carbon&Carbon-manganese steel	HFS, CFS	610	25.4	N; N+T; Q+T;
Alloy steel	HFS, CFS	610	25.4	N; N+T; Q+T;
Austenitic stainless steel	HFS, CFS	610	25.4	SHT
Duplex stainless steel	HFS, CFS	610	25.4	SHT

Remarks:

1) HFS: Hot Finished seamless; CFS: Cold Finished seamless

2) N: Normalizing; N+T: Normalizing+Tempering; Q+T: Quenching+Tempering; SHT: Solution heat treatment.

3) Suitable pipe fittings shall be selected from the following recognized standards: EN10253, ASTM A234, ASTM A403, ASTM A420, ASTM A774, ASTM A815, ASTM A860, ASTM A960, ASTM A961, JIS B2312, JIS B2313, JIS B2316

Additional approval conditions:

Forgings in austenitic stainless steel is approved for low-temperature services.

Survey conditions:

The pipes fittings are to be in compliance in all respects with the requirements specified in Part D Ch 2 Sec2 of the RINA Rules and are to be tested accordingly.

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.

shanghai Mar. 09, 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 Mar 2024. No handwritten signature is provided.

VI.11、 corporate green factory certification



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

CERTIFICATE

GREEN FACTORY CERTIFICATE

Certificate No.: 44324LG1344R0S

This is to certify that the green factory management system of

Cangzhou Taichang Pipeline Equipment Co., Ltd

Uniform social credit code: 911309255999236604

Registered/Production address: Hebei Yanshan Economic Development Zone
Zhenggang Park

Is in conformity with

GB/T 36132-2018 Standard

This certificate is valid to the following product(s)

Green factory management activities involved in the manufacturing
of steel fittings, forged fittings, forged flanges, pressure pipeline
components (within the scope of qualifications), pressure vessels
(excluding those requiring qualification permits), and accessories

Date of issue: Sep 11, 2024 Validity until: Sep 10, 2027

Note: Within the validity period of the certificate, the project must accept supervision to stand by the relevant provisions every year, and it is indicates that continuing registration qualification through supervision that the qualified mark attached to the certificate. The certificate information can inquire by CNCA official website (www.cnca.gov.cn).

Sign and issue:













C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

Add: No.160, West 4th Ring North Road, Haidian District, Beijing, China
Tel: 010-88194087 Web: <http://www.ceetc.cn>

CEEDI

C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

CERTIFICATE

GREEN ENTERPRISE CERTIFICATE

Certificate No.: 44324LQ1345R0S

This is to certify that the Green Enterprise of
Cangzhou Taichang Pipeline Equipment Co., Ltd

Uniform social credit code: 911309255999236604

Registered/Production address: Hebei Yanshan Economic Development Zone
 Zhenggang Park

Is in conformity with
 CEETC-RZ-GZ-LS-002

This certificate is valid to the following product(s)
Green enterprise management activities involved in the manufacturing
of steel pipe fittings, forged pipe fittings, forged flanges, pressure pipeline
components (within the scope of qualifications), pressure vessels
(excluding those requiring qualification permits), and accessories

Date of issue: Sep 11, 2024 Validity until: Sep 10, 2027

Note: Within the validity period of the certificate, the project must accept supervision to stand by the relevant provisions every year, and it is indicates that continuing registration qualification through supervision that the qualified mark attached to the certificate. The certificate information can inquire by CNCA official website (www.cnca.gov.cn).

Sign and issue: 



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

Add: No.160, West 4th Ring North Road, Haidian District, Beijing, China
 Tel: 010-88194087 Web: <http://www.ceetc.cn>



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

CERTIFICATE

GREEN SUPPLY CHAIN MANAGEMENT SYSTEM CERTIFICATION

Certificate No.: 44324LL1346R0S

This is to certify that the Green Supply Chain Management System of
Cangzhou Taichang Pipeline Equipment Co., Ltd

Uniform social credit code: 911309255999236604

Registered/Production address: Hebei Yanshan Economic Development Zone
Zhenggang Park

Is in conformity with
GB/T 33635-2017

This certificate is valid to the following product(s)
Green supply chain management activities involved in the manufacturing
of steel fittings, forged fittings, forged flanges, pressure pipeline
components (within the scope of qualifications), pressure vessels
(excluding those requiring qualification permits), and accessories

Date of issue: Sep 11, 2024 Validity until: Sep 10, 2027

Note: Within the validity period of the certificate, the project must accept supervision to stand by the relevant provisions every year, and it is indicates that continuing registration qualification through supervision that the qualified mark attached to the certificate. The certificate information can inquire by CNCA official website (www.cnca.gov.cn).

Sign and issue:






Seal of the first supervision agency
Paste place



Seal of the second supervision agency
Paste place



Seal of the third supervision agency
Paste place



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

Add: No.160, West 4th Ring North Road, Haidian District, Beijing, China
Tel: 010-88194087 Web: <http://www.ceetc.cn>



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

CERTIFICATE

**GREEN PACKAGING MANAGEMENT SYSTEM
CERTIFICATION**

Certificate No.: 44324LL1347R0S

**This is to certify that the Green Packaging Management System of
Cangzhou Taichang Pipeline Equipment Co., Ltd**

Uniform social credit code: 911309255999236604

Registered/Production address: Hebei Yanshan Economic Development Zone
Zhenggang Park

**Is in conformity with
GB/T 37422-2019**

This certificate is valid to the following product(s)
**Green packaging management activities involved in the manufacturing
of steel fittings, forged fittings, forged flanges, pressure pipeline
components (within the scope of qualifications), pressure vessels
(excluding those requiring qualification permits), and accessories**

Date of issue: Sep 11, 2024 Validity until: Sep 10, 2027

Note: Within the validity period of the certificate, the project must accept supervision to stand by the relevant provisions every year, and it is indicates that continuing registration qualification through supervision that the qualified mark attached to the certificate. The certificate information can inquire by CNCA official website (www.cnca.gov.cn).

Sign and issue:  (Official seal)



C+E CENTER FOR ENGINEERING RESEARCH TEST AND APPRAISAL Co., Ltd.

Add: No.160, West 4th Ring North Road, Haidian District, Beijing, China
Tel: 010-88194087 Web: <http://www.ceetc.cn>



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CERTIFICATE

GREEN DESIGN PRODUCT EVALUATION

CERTIFICATE

Certificate No.: 44324LP1098R0S

This is to certify that the Green Design Product Evaluation of

Cangzhou Taichang Pipeline Equipment Co., Ltd

Uniform social credit code: 911309255999236604

Registered/Production address: Hebei Yanshan Economic Development Zone

Zhenggang Park

Is in conformity with

GB/T 32161-2015 Standard

This certificate is valid to the following product(s)

Green design activities involved in the manufacturing process of

steel fittings, forged fittings, forged flanges, pressure pipeline

components (within the scope of qualifications), pressure vessels

(excluding those requiring qualification permits), and accessories

AAAAA

Date of issue: Sep 11, 2024 Validity until: Sep 10, 2027

Note: Within the validity period of the certificate, the project must accept supervision to stand by the relevant provisions every year, and it is indicates that continuing registration qualification through supervision that the qualified mark attached to the certificate. The certificate information can inquire by CNCA official website (www.cnca.gov.cn).

Sign and issue: 





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