

浙江久立特材科技股份有限公司
湖州管件分公司

ZHEJIANG JIULI HI-TECH METALS CO., LTD
FITTINGS & FLANGES DIVISION

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Jiuli

浙江久立特材科技股份有限公司
湖州管件分公司

ZHEJIANG JIULI HI-TECH METALS CO., LTD
FITTINGS & FLANGES DIVISION

To Be The Expert In Providing Solutions For Piping System
做管道系统解决方案的专家

Jiuli

企业愿景： 做管道系统解决方案的专家

宗旨和使命： 为全球工业装备提供安全可靠的管路产品

核心价值观： 感恩、敬业、创新、共赢

企业精神： 艰苦创业、以质取胜、以信为本

经营理念： 以成熟的技术和可靠的产品质量服务客户，贡献社会，发展自己

管理理念： 人本化、系统化、制度化、专业化、精细化

市场理念： 快速反应、服务营销

人才理念： 唯才是举、德才兼备、人尽其才

质量理念： 可靠的质量是可靠的人做出来的

ENTERPRISE VISION: to be the expert in providing solutions for piping system

PURPOSE AND MISSION: providing safe and reliable pipeline products for global industrial facilities

CORE VALUES: Gratitude, Dedication, Innovation, Mutual Benefits

ENTERPRISE SPIRIT: Hard-working, Quality, Reputation First

BUSINESS PHILOSOPHY: serving customers, contributing to the society and developing JIULI on basis of mature technology and reliable product quality

MANAGEMENT PHILOSOPHY: Humanization, Systematization, Institutionalization, Specialization, Refinement

MARKET PHILOSOPHY: Quick Response, Service Marketing

TALENT CONCEPT: meritocracies, combine ability with political integrity, make the best possible use of men

QUALITY PHILOSOPHY: reliable quality replies on reliable persons

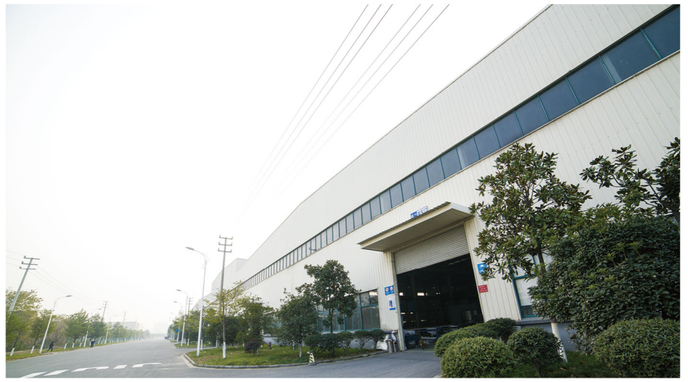
COMPANY PROFILE
公司概况

浙江久立特材科技股份有限公司管件分公司（下称“久立管件”或“公司”）成立于 2006 年，是浙江久立特材科技股份有限公司（下称“久立特材”，股票代码：002318）的全资子公司。借助久立特材的平台，高起点、快发展，公司已成为一家集奥氏体不锈钢、双相（超级双相）钢、耐蚀耐高温特种合金、复合材料、碳钢和合金钢为一体的综合性管配件生产企业，年生产能力达到管件 10000 余吨、法兰 5000 余吨、预制件 200000 达因。

ZHEJIANG JIULI HI-TECH METALS CO., LTD, FITTINGS & FLANGES DIVISION (hereinafter called Jiuli Pipe Fittings or company) is established in 2006, which is a core subsidiary company of Zhejiang Jiuli Hi-Tech Metals Co., Ltd [hereinafter called Jiuli Hi-Tech, stock code: 002318]. With the benefit of Jiuli Hi-Tech, Jiuli Pipe Fittings has been developing very fast and became an austenitic stainless steel, (super)duplex, corrosion & high temperature resistant alloy, carbon steel, alloy steel and clad pipe fittings manufacturer. Jiuli Pipe Fittings has annual production capacity of Pipe fittings more than 10,000 tons, flanges 5,000 tons and prefabricated spools 200,000 dyne.

久立管件
JIULI PIPE FITTINGS





15000 吨
年产量
15000 Tons
Annual Output

HARD POWER
硬实力

广泛的
应用
Wide Application

依托久立特材在材料、技术等方面的优势，公司快速发展，产品已广泛运用于油气开采 / 集输 / 炼化、化工、煤化工、电力、LNG、新能源、船舶制造、海洋工程、海水淡化及水处理、仪器仪表、压力容器制造等领域。

公司将继续发挥自身优势，满足市场需求的同时，在石油化工、煤化工、精细化工、LNG、海洋平台等领域加大研发和投入，不断提高技术、生产和服务能力，使企业跻身国内管件制造行业前列，为各行业的技术改进及新项目的开展提供更好的产品和服务。

Based on the advantages of materials and technology of Jiuli Hi-Tech, our products have been widely used in oil and gas exploration, chemicals, coal chemicals, electric generation, LNG, new energy, shipbuilding, offshore engineering, sea water desalination and water treatment, instrument and meter, pressure vessel manufacturing, and etc.

To be an outstanding pipe fittings manufacturer and provide better products and service to the technical improvements and development of new projects in various industries, company will continue to develop its own advantages to satisfy market demand, meanwhile increase research&development and investment in petrochemicals, coal chemicals, fine chemicals, LNG, marine platforms and other fields and constantly improve technology, production and service capabilities.

多体系合一的
质量管理体系
Multi-system-one
Quality Management
System

SOFT POWER
软实力

专业的
服务团队
Professional
Service Team

久立管件采用多体系合一的质量管理体系，以确保产品质量具有全面的追溯性，以及更好的满足不同行业客户的需求。依托久立特材的资源条件，公司在技术、人才、仪器设备等方面具有明显的优势，拥有众多的专业技术人员和行业专家；企业设有院士专家工作站、博士后科研工作站和国家认定的技术中心，企业的钢铁实验室已获得国家认可委员会的认可证书（CNAS L4427）。

公司的技术服务团队集工艺、制造、检测、研发为一体，具备为客户提供多样化、专业化服务的能力。公司采用 SAP、MAS、LIMS、SRM 等专业信息管理系统，在市场分析、客户管理、生产制造和品质管控等环节全面实施信息化管理，以满足客户在选材、加工、仓储、结算等方面的精准要求。

Jiuli Pipe Fittings adopts Multi-system-one quality management system to ensure the traceability of products. With the benefit of Jiuli Hi-Tech, company has obvious advantage on technology, manpower and equipments. Company has professional technical personnel and industry experts, academician expert workstation, postdoctoral research station and state-recognized technology center . The laboratory of company has been approved by CNAS L4427.

Company has a service team which is professional on technology, production, inspection and research and able to provide clients with professional and diversified service. To meet the precise requirements of clients in material selection, processing, storage and settlement, company adopts SAP,MAS,LIMS,SRM system to fully carry out information management in market analysis, customer management, manufacturing and quality control.



公司以可靠的质量和优质的服务赢得了客户的信赖，与国内外众多优秀的企业建立了良好的合作关系。

公司将继续本着艰苦创业、以质取胜、以信为本的企业精神，构建人才成长平台，同时坚定不移地推进企业与员工共同成长，实现和谐企业共建共享。

未来的久立管件，将更为专业、专注，坚持创新发展，以成熟的技术和可靠的产品质量服务用户、贡献社会、发展自己，携手共赢、共谋发展，愿与每一个合作伙伴，共同分享广阔的未来！

With reliable product quality and excellent service, company has won the trust of clients and established good relationships with numerous excellent domestic and international companies.

Company will continue to build talent growth platform in the enterprise spirit of Hard-working, Quality, Reputation First, meanwhile unswervingly promote the common growth of enterprises and employees.

In future, Jiuli Pipe Fittings will be more professional, focused, adhered to the innovation and development, serve customers.

Jiuli Pipe Fittings is willing to work together with every partner to win and seek common development, and share the broad future!

MAIN PRODUCTS
主要产品

产品类型 Product Type

生产类型 Production Type			外径 Diameter	壁厚 Thickness	最大壁厚 Max. Thickness
对焊管件 Butt Welded Pipe Fittings	无缝管件	Seamless Butt-Welding Fittings	DN15-DN900	SCH 10S-SCH 160	65 mm
	有缝管件	Welded Butt-Welding Fittings	DN15-DN3000	SCH 10S-SCH 160	80 mm
锻件 Forging	锻制管件	Forged Fittings	DN8-DN150	Class2000-9000	
	法兰	Flanges	DN15-DN2000	Class 150-2500	
复合管件 Clad Fitting	复合管件	Clad Fittings	DN15-DN600	SCH 40S-SCH 160	
	复合法兰	Clad Flanges	DN150-DN900	Class 150-2500	
非标管件/ Non-Standard Fittings			按客户设计和图纸要求执行 As per the requirements of clients' design and drawing		
预制结构件/ Prefabrication					

执行标准 Standards

国家标准 National Standards	行业标准 Industrial Standards	ASME标准 ASME Standards	MSS标准 MSS Standards	欧盟标准 EN Standards	日本标准 JIS Standards	其他标准 Other Standards
GB/T 4450	DL/T 515, HG/T 20592	ASME B16.5	MSS SP-43	DIN EN 1092-1	JIS B2311	可按客户标准执行 According to customer standards
GB/T 9112-9124	HG/T 20615, HG/T 21547	ASME B16.9	MSS SP-44	DIN EN 1092-2	JIS B2312	
GB/T 12459	HG/T 21632, HG/T 21641	ASME B16.11	MSS SP-75	DIN EN 10253-1	JIS B2313	
GB/T 13401	JB 4728, NB/T 47010	ASME B16.20	MSS SP-83	DIN EN 10253-2	JIS B2316	
GB/T 14383	NB/T 47021, NB/T 47022	ASME B16.36	MSS SP-95	DIN EN 10253-3	JIS B2220	
GB/T 19326	NB/T 47023, NB/T 47014	ASME B16.47	MSS SP-97	DIN EN 10253-4	.....	
GB-T 2506	SH3501, SH/T 3065	ASME B16.48	.....	ISO 9001		
GB50235	SH/T 3406, SH/T 3408	ASME B31.3		.....		
GB50236	SH/T 3410, SY/T 0510	ASME IX				
.....	SY/T 5257	.....				
	.....					



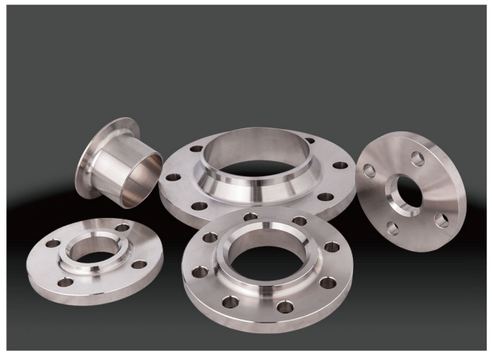
无缝和有缝对焊管件 Seamless and welded butt-welding fittings



复合管件 Clad fittings



高压锻制管件 High pressure forged fittings



锻制法兰 Forged flanges

生产用原材料由总公司久立特材提供，坯料均来自国内外大型钢厂，杂质元素含量低，组织均匀，有害相和非金属夹杂得到控制，质量性能优异。

All raw materials are supplied by Jiuli Hi-Tech who purchases raw materials from domestic or overseas reputable steel mills who can offer excellent quality materials with very low content of impurity elements, uniform structure, controlled content of harmful phase and non-metallic inclusion.



奥氏体不锈钢 Austenitic Stainless Steel
304/L/H, 321/H,
316/L/H/Ti, 317/L
347/H, 310S/H

超级奥氏体不锈钢 Super Austenitic Stainless Steel
904L, 6MO(S31254)
S30432, S31042

(超级)双相不锈钢 (Super) Duplex Stainless Steel
S32001, S32304
S31500, S31803

镍基合金钢 Nickel Alloy
N06600, N06625
N06985, N06690
N08020, N08028
N08800, N08825
N04400, N04405
N10276, N08718

碳素钢/合金钢 Carbon Steel / Alloy Steel
20#, WPB, A105
根据客户要求
As per the clients' requirements

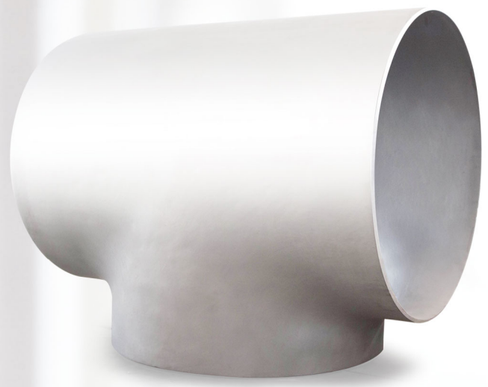
复合材料 Clad Materials
碳钢/管线钢+不锈钢/耐蚀合金
Carbon steel / pipeline steel+ Stainless steel / corrosion resistant alloy

其他材料 Other Materials
铝及铝合金，钛材、马氏体等
Aluminum and aluminum alloy, titanium, martensite

可按客户要求或共同开发材料
As per clients' requirements or joint development

Austenitic Stainless Steel Products

奥氏体不锈钢产品



大尺寸三通 Large diameter tee



厚壁弯头 Thick-walled elbow



带颈对焊法兰 WN flange



锻制弯头 Forged elbow

奥氏体不锈钢是指在常温下具有奥氏体组织的不锈钢，含有约18%的Cr、8%~10%的Ni，具有耐腐蚀、无磁性、高韧性和塑性的特点，适用于各种冷/热加工，如304。增加了Mo、Cu、Nb、Ti等元素后，可进一步提高材料的耐腐蚀及高低温力学性能，应用于高温、超低温、高氯离子、高腐蚀等苛刻的使用环境，如316L。

Austenitic stainless steel is the stainless steel which has austenitic structure at room temperature. Grade 304 which contains 18% chromium and 8%-10%nickel has the characteristics of Corrosion Resistance, nonmagnetic, high toughness and plasticity, and it is suitable for various kinds of cold or hot processing. The Corrosion resistance and high/low temperature mechanical properties of Grade 316L gets improved by adding elements like Mo, Cu, Nb, Ti, Grade 316L is more suitable for critical environment with high/ultra-low temperature, high chloride ion, and high corrosion.



可焊性好

Good Weldability

可采用等离子弧焊（PAW）、钨极氩弧焊（GTAW）、埋弧焊（SAW）、电弧焊（SMAW）等焊接方式，现场施工中采用合理的焊接工艺焊接后，可不进行焊后热处理。

PAW, GTAW, SAW, SMAW can be used for the welding, post weld heat treatment may be not required if suitable welding process is done at job site.



优良的低温冲击韧性

Excellent Low Temperature Impact Toughness

具有优良的低温冲击韧性，可应用于-196℃低温。

Excellent low temperature impact toughness make it being able to be used at temperature of -196℃.



耐腐蚀性能好

Good Corrosion Resistance

可耐大气、海水、常用的有机/无机酸、碱、无机盐等的晶间腐蚀及均匀腐蚀。

Good Corrosion Resistance makes it able to bear the intergranular corrosion and uniform corrosion of atmosphere, sea water, common organic / inorganic acid, alkali and inorganic salts, etc.



最佳使用寿命

Best Service Life

各项性能优异，具备最佳使用寿命。

Excellent performance with the best service life.

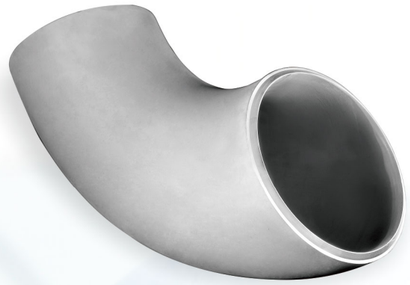
相关标准 Relevant Standards

- ASME B16.9《工厂制造的锻钢对焊管件》
- ASTM A182/A182M《高温用锻制或轧制合金钢公称管道法兰，锻制管配件，阀门和零件》
- ASTM A403/A403M《锻制奥氏体不锈钢管配件》
- GB/T 12459《钢制对焊管件类型与参数》
- GB/T 13401《钢制对焊管件技术规范》
- GB/T 14383《锻制承插焊和螺纹管件》
- SH/T 3408《石油化工钢制对焊管件》
- NB/T 47010《承压设备用不锈钢和耐热钢锻件》
- GB/T 1220《不锈钢棒》
- GB/T 4237《不锈钢热轧钢板和钢带》
- DIN EN 10253-3《对焊管件：无特殊要求的锻制奥氏体和奥氏体-铁素体管件》
- DIN EN 10253-4《对焊管配件—具有特殊检验要求的锻制奥氏体和铁素体-奥氏体（双相）不锈钢》

- ASME B16.9 Factory-Made Wrought Buttwelding Fittings
- ASTM A182/A182M Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
- ASTM A403/A403M Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
- GB/T 12459 Steel buttwelding pipe fittings-Types and parameter
- GB/T 13401 Steel buttwelding pipe fittings-Technical specification
- GB/T 14383 Forged steel socket welding pipe fittings
- SH/T 3408 Steel butt-welding pipe fitting in petrochemical industry
- NB/T 47010 Stainless and heat-resisting steel forgings for pressure equipments
- GB/T 1220 Stainless Steel Bars
- GB/T 4237 Hot rolled stainless steel plate, sheet and strip
- DIN EN 10253-3 Butt-welding pipe fittings: Wrought austenitic and austenitic-ferritic stainless steels without specific inspection requirements
- DIN EN 10253-4 Butt-welding pipe fittings: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements

(Super) Duplex Stainless Steel Pipe Fittings

不锈钢(超级)双相钢管件



大口径弯头 Large diameter elbow

双相不锈钢是指铁素体与奥氏体各约占50%，一般较少相的含量最少也需要达到30%的不锈钢，Cr含量在18%~28%，Ni含量在3%~10%含有Mo、Cu、N等合金元素。双相不锈钢除了兼具奥氏体不锈钢和铁素体不锈钢两者的材料特性，还具有高强度、耐氯化物应力腐蚀、耐孔隙腐蚀等特点，广泛应用于海水淡化、海洋石油工程等项目。

Duplex stainless steel is the stainless steel which contains roughly 50% austenite and 50% ferrite, 18%-28% chromium, 3%-10% nickel and other alloy elements like Mo, Cu, N. Duplex stainless steel has the advantages of both austenitic and ferritic stainless steel, moreover it has high strength and high resistance to chloride stress corrosion and pore corrosion. It is widely used in sea water desalination, offshore oil projects and so on.

均衡的两相组织

Balanced Two-phase Structure

具有均衡的两相组织，综合性能优异。

Balanced two-phase structure makes it have excellent comprehensive properties.

耐腐蚀性能好

Good Corrosion Resistance

具有优异的耐点蚀、抗氯化物腐蚀性能。

Excellent resistance to pitting corrosion and chloride corrosion.

优异的力学性能

Excellent Mechanical Properties

屈服强度约为普通奥氏体不锈钢的2倍，许用应力约为普通奥氏体不锈钢的1.5倍。

2 times yield strength and 1.5 times allowable stress than austenitic stainless steel.

高低温环境适应

Good Adaptation Of High And Low Temperature Environment

使用温度：-50℃~300℃。

Application temperature: - 50°C ~ 300°C.



弯头 Elbow



厚壁异径管 Thick-walled reducer



锻制三通 Forged tee

相关标准 Relevant Standards

- ASTM A182/A182M《高温用锻制或轧制合金钢公称管道法兰，锻制管配件，阀门和零件》
- ASTM A815/A815M《锻制铁素体、铁素体奥氏体和马氏体不锈钢管配件》
- DIN EN 10253-3《对焊管件：无特殊要求的锻制奥氏体和奥氏体-铁素体管件》
- DIN EN 10254-4《对焊管配件—具有特殊检验要求的锻制奥氏体和铁素体-奥氏体（双相）不锈钢》

- ASTM A182/A182M Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
- ASTM A815/A815M Standard Specification for Wrought Ferritic, Ferritic/Austenitic, and Martensitic Stainless Steel Piping Fittings
- DIN EN 10253-3 Butt-welding pipe fittings: Wrought austenitic and austenitic-ferritic stainless steels without specific inspection requirements
- DIN EN 10254-4 Butt-welding pipe fittings: Wrought austenitic and austenitic-ferritic (duplex) stainless steels with specific inspection requirements

Applications

产品应用

公司采用自动焊接技术，焊接参数计算机控制，焊缝质量恒定、优异；采用自动温控热处理系统，调整微观金相组织结构，两相比例均衡，双相不锈钢产品耐点腐蚀、耐氯离子应力腐蚀、综合性能优异，已交付海水淡化、海洋平台、油气管道等行业使用。

Jiuli pipe fittings adopts automatic welding technology, the welding parameters are controlled by computers, and welding quality is stable and excellent. Jiuli pipe fittings adopts automatic temperature control heat treatment system to adjust Metallographic microstructure, balance two-phase ratio. Duplex stainless steel products have excellent pitting corrosion resistance and chloride corrosion resistance and excellent overall performance, have been used on sea water desalination, offshore platforms, oil and gas pipelines, etc.







Nickel Alloy
镍基合金



大直径弯管 Large diameter bend

镍基合金为在镍中添加Cr、Fe、Mo、W、Cu、Ti、Al等合金元素形成合金化，通过调整合金元素成分得到Ni-Fe-Cr合金：N08800、N08810、N08811、N08825等；Ni-Cr-Fe合金：N06600、N06625等；Ni-Cr-Mo合金：N10276（C276）、N06022（C22）等；Ni-Cu合金：N04400（Monel 400）、N05500（Monel K500）等，提高材料耐高温、耐腐蚀性能，在1000℃以内具有较高的强度与抗腐蚀能力，广泛的应用在海洋、石油化工、能源等领域耐腐蚀、耐高温等环境中。

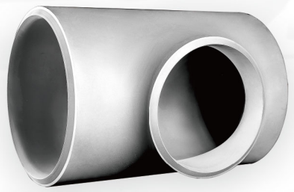
By adding alloy elements Cr, Fe, Mo, W, Cu, Ti, Al to nickel and adjusting their ratio, we get Ni-Fe-Cr alloy: N08800, N08810, N08811, N08825; Ni-Cr-Fe alloy: N06600, N06625; Ni-Cr-Mo alloy: N10276(C276), N06022(C22); Ni-Cu alloy: N04400(Monel 400), N05500(Monel K500). Nickel alloy has excellent corrosion and high temperature resistance under temperature of 1000 ° C. Nickel alloy products have been widely used in the Offshore, petrochemical, environmental protection, energy and other fields which are with high corrosion and temperature environment.

优良的耐腐蚀性能
Excellent Corrosion Resistance

优良的耐高温性能
抗氧化性好
Excellent High
Temperature Resistance
Excellent oxidation resistance

较好的焊接性能
Good Weldability
具有较好的焊接性能，适用各种焊接方式
Good weldability, suitable for various welding methods

优异的综合性能
Excellent Comprehensive Performance
优异的综合性能，综合效益明显
Excellent comprehensive performance, Obvious comprehensive benefit



厚壁三通 Thick-walled tee



平焊法兰 SO flange



锻制管台 Forged olet

相关标准 Relevant Standards

- ASTM B366《工厂制造锻轧镍和镍合金管配件》
- ASTM B564《镍合金锻件》
- ASTM B462《腐蚀高温作业用锻制或轧制合金管法兰、锻制配件、阀门及零件规格》

- ASTM B366 Standard Specification for Factory-Made Wrought Nickel and Nickel Alloy Fittings
- ASTM B564 Standard Specification for Nickel Alloy Forgings
- ASTM B462 Standard Specification for Forged or Rolled Alloy Pipe Flanges, Forged Fittings, and Valves and Parts for Corrosive High-Temperature Service

Applications
产品应用

得益于总公司镍基合金制造经验、久立技术中心的研发及检测能力，有效控制生产工艺参数，调整微观组织及性能，酸性应用环境产品通过模拟环境应用试验，性能优异，已广泛应用在海洋、石油化工、环保、能源等领域耐腐蚀、耐高温等环境中。

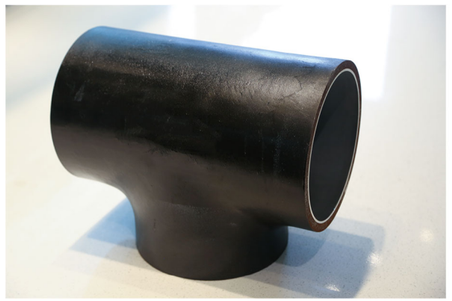


Based on the nickel alloy products manufacturing experiences of Zhejiang Jiuli Hi-tech and the research & development and testing ability of our R&D center, we are able to effectively control production process parameters and adjust the product microstructure and properties. Nickel alloy products have been widely used in the offshore, petrochemical, environmental protection, energy and other fields which are with high corrosion and temperature environment.

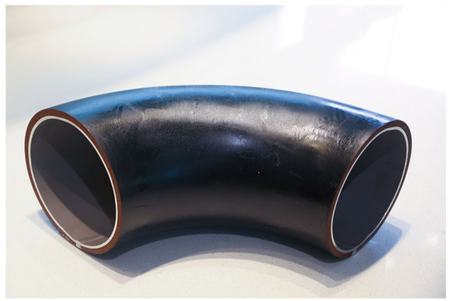




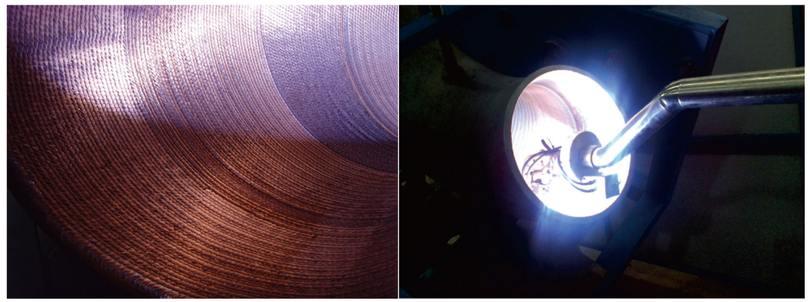
CLAD MATERIAL 复合管材料



双金属复合三通 Clad tee



双金属复合弯头 Clad elbow



堆焊 Overlay

复合管配件通过在碳钢/合金钢等基材上增加一层耐蚀合金材料，实现强度、耐腐蚀性及成本的完美统一，实现在油气开发、石油炼化、化学等领域的高压高腐蚀性环境中替代昂贵的纯耐蚀合金材料。

By adding a layer of corrosion resistant alloy material on the carbon steel / alloy steel, we get the clad material which is the perfect unity of high strength, high corrosion resistance and low cost. Clad material is a good substitute of expensive pure corrosion resistant alloy materials in Oil and gas development, oil refinery, chemistry and other environments with high pressure and corrosion.

较高的机械性能
Good Mechanical Properties

更好综合性能
Better Comprehensive Performance

较铸造复合管件有更好综合性能
Better comprehensive performance than Casting materials

优良的耐腐蚀性能
Excellent Corrosion Resistance

节约成本
Cost Saving

可以有效降低纯材的壁厚，降低成本
Effectively reduce the wall thickness of high cost material, save cost

更好的热传递
Better Heat Transferring

覆层100%结合，可提供更好的热传递
100% combination of layers ensure better heat transferring

生产灵活
Flexible Production

生产效率高，可实现大批量生产
High production efficiency, volume-production is possible

相关标准 Relevant Standards

双金属冶金复合管件 Bimetal Metallurgical Clad Fitting

API 5LD, DNV-OS-F101, ASTM A265, ASME B16.9, GB/T 12459, GB/T 13401, SY/T 6623, SY/T 5257

堆焊双金属复合管配件 Overlay Bimetal Clad Fitting

DNV-OS-F101, ASME B16.9, ASME B16.5, GB/T 12459, GB/T 13401, SY/T 5257

Applications 产品应用

公司采用自动焊接及自动堆焊工艺，运用超声波探伤（UT）、渗透探伤（PT）、磁粉探伤（MT）、射线探伤（RT）等无损检测技术，确保覆层100%结合及内在质量，产品外表美观、综合性能优异、性价比高。产品广泛的应用在油气集输、油气开采、海水淡化、化工行业、市政工程等行业中。

Jiuli pipe fittings adopts automatic welding technology and uses ultrasonic testing (UT), penetrant testing (PT), magnetic particle testing (MT), radiographic testing (RT) and other nondestructive testing technologies to ensure 100% layer combination and inner quality. The products have good appearance, excellent comprehensive performance and high quality & reasonable price, are widely used in oil and gas gathering and transferring, oil and gas exploitation, sea water desalination, chemical industry, municipal engineering,etc.







PREFABRICATION
预制



预制结构件 Prefabrication

工厂预制通过在工厂预制车间内对钢管、管件、法兰等按照管道图纸进行焊接或变形加工预制，避免项目现场气象及施工条件的限制，制造过程中可提高过程自动化率和材料集中管理，更好的实现尺寸及焊缝质量控制，降低成本并保障项目的实施进度。

久立管件于2016-2021年顺利完成山东青岛董家湾口经济区海水淡化PPP项目、浙石化苯乙烯浙石化乙烯装置项目、华泰盛富苯乙烯高温管道项目、鲁北海水淡化项目预制管线的生产交付，并顺利启用。

To avoid the restricted weather and construction conditions of the job site, prefabrication like welding or deformation processing in workshops can improve the process automation rate and materials centralized management and achieve better control of the size and welding quality, reduce cost and ensure the implementation scheduling of the project.

Jiuli pipe fittings has successfully completed the production and delivery of the Seawater Desalination PPP Project in Shandong Qingdao Dong Jia Bay Estuary Economic Zone, Zhejiang Petrochemical Styrene Plant Project, Huatai Shengfu Styrene High-temperature Pipeline Project, Lubei Sea Water Desalination Project from 2016 to 2021, which has come into service already.

改善工作条件
Improve Working Conditions

不受项目现场气候条件限制
Unrestricted To The Weather Conditions Of The Job Site

制造自动化程度高
High Degree Of Automation

焊接接头质量高
High Welding Quality

部件尺寸精度高
High Dimension Precision Of Components

生产效率高
High Production Efficiency

节约制造成本
Low Manufacturing Cost

缩短建设周期
Shorten Construction Period
可与土建施工同时进行，缩短建设周期
Proceed with the civil construction to shorten the construction cycle

图纸审核、建模
Drawing Review, Modeling
↓
出图
Drawing Issuance
↓
原材料准备
Raw Material Preparation
↓
坡口加工
Bevelling
↓
组对、定位焊
Assembling Positioned Welding
↓
焊接
Welding
↓
焊缝外观检查
Weld Appearance Inspection
↓
焊缝无损检测
NDT on the Welds
↓
表面处理
Surface Treatment
↓
成品检测
Final Inspection
↓
标识、包装
Marking/Packing
↓
装车发运
Shipment



预制结构件 Prefabrication



预制结构件 Prefabrication

相关标准 Relevant Standards

- ASME B31.3
《压力管道规范—工艺管道》
- ASME IX《焊接、钎接和粘接评定》
- HG/T 21641
《管道工厂化预制技术规范》
- GB 50235《工业金属管道工程施工及验收规范》
- GB 50236《现场设备、工业管道焊接施工及验收规范》
- SH 3501《石油化工剧毒、可燃介质管道工程施工及验收规范》
- NB/T 47014《承压设备焊接工艺评定》

• ASME B31.3 Process Piping Welding and Brazing Qualifications
• ASME IX Welding, Brazing, and Fusing Procedures; Welders;
• HG/T 21641 Technical code for metal piping factory prefabrication
• GB 50235 Code for construction of metallic piping engineering
• GB 50236 Code for construction and acceptance of field equipment, industrial pipe welding engineering
• SH 3501 Specification for construction and acceptance of toxic and combustible medium steel piping engineering in petrochemical industry
• NB/T 47014 Welding procedure qualification for pressure equipment

Applications
产品应用

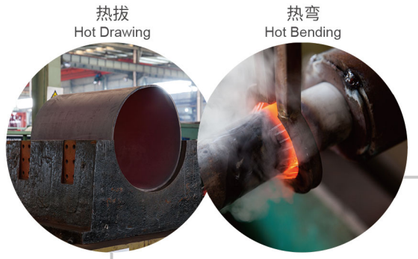
公司现在拥有独立的管道预制车间、专业的管道系统详图设计软件、先进的焊接电源及焊接控制系统、成熟的不锈钢管道焊接工艺及一批取得国内外焊接资质的焊工，为国内外石化、油气、空分、船舶项目提供质量可靠的不锈钢预制管道。

Jiuli pipe fittings has separate pipeline prefabrication workshop, professional pipeline system design software, advanced welding source and welding control system, mature welding technology and a lot of qualified welders. Company has supplied reliable quality of prefabricated pipe lines to petrochemistry, oil & gas, shipbuilding, etc.



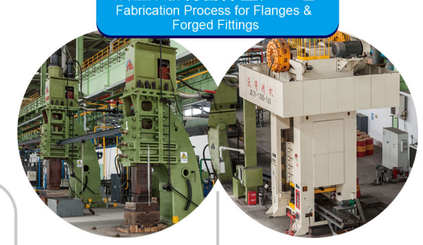


FABRICATION PROCESS 生产工艺

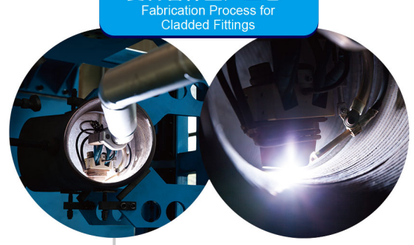

热拔
Hot Drawing

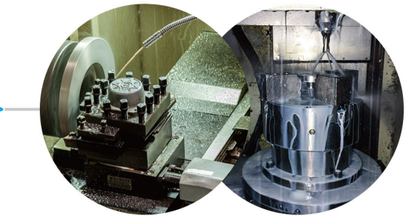
热弯
Hot Bending

法兰、锻制管件生产工艺
Fabrication Process for Flanges & Forged Fittings


法兰锻制
Flanges Forging

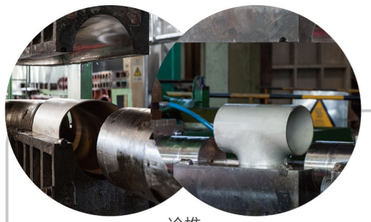
复合管件生产工艺
Fabrication Process for Cladded Fittings


堆焊
Overlay

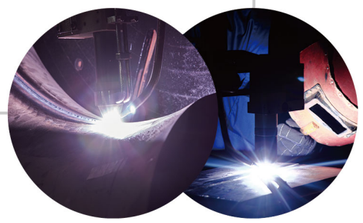

数控加工中心
CNC Machining center

对焊管件生产工艺
Fabrication Process For Butt-welding Fittings

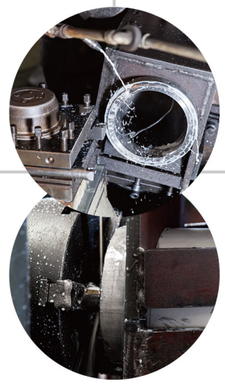

材料切割
Materials Cutting


冷推
Cold Forming


冷压
Cold Pressing


焊接
Welding


热处理
Heat Treatment


车加工
Machining


表面处理
Surface Treatment

对焊管件 Butt-welding Fittings

对焊管件采用超高压恒压系统、PLC全数字化控制的专有设备成型，改善成型表面质量、降低壁厚减薄量、提高尺寸精度。板制有缝管件采用国际先进的自动焊接设备进行焊接成型，焊接成型好、焊接质量稳定。对焊管件采用专用设备进行整形并由专用坡口设备进行对焊管端加工，提高对焊端尺寸精度，有利于项目现场施工。在制造过程中进行无损检测确保产品综合性能优异。电液伺服框架式液压机适用于大口径壁厚三通冷挤压成型、三通热成型、弯头冲压等生产。

PLC full digital control equipments with EHV and constant pressure system are used to make BW fittings to ensure surface quality of the products, small reduction on the products thickness and high precision of dimensions. Advanced automatic welding equipments are used for welded fittings made by plates to ensure good quality of weld seams. Special facilities are applied for calibration and beveling to ensure the precision of the end parts of the fittings, to facilitate welding at job site. Non-destructive tests are applied during manufacturing process to ensure the comprehensive performance of the products. Electro-hydraulic servo frame hydraulic press is mainly used in stainless steel pipe fittings forming, reshaping and other processes, especially suitable for large-diameter thick wall thickness tee cold extrusion molding, tee thermoforming, elbow stamping and other procedures.

锻制管件/法兰 Forged Fittings / Flanges

锻制管件/法兰采用程控天然气加热炉、数控全液压模锻锤、高能效电液锤等国内先进的设备进行锻造成型，确保锻坯具有较好的流线，组织致密；锻坯采用先进的数控车床、数控加工中心进行机加工，确保产品密封面水线尺寸、对焊端口尺寸及螺栓连接尺寸精确；在制造过程中进行无损检测确保产品综合性能优异。

To ensure the compact structure and streamline of the forging blanks, advanced facilities like program control natural gas heating furnace, numerical control fully-hydraulic die forging hammer, high efficiency electro hydraulic hammer, etc. are used to produce forged fittings and flanges; Advanced CNC lathes are used for machining to make sure the accurate size of flanges sealing surface waterline, bevel ends and threaded ends. Various Non-destructive tests are used to ensure the comprehensive performance of the products.

热处理 Heat Treatment

管配件产品采用由计算机控制、炉内加热气氛可控的热处理炉进行整体热处理，消除加工过程中产生的加工应力，避免Cr23C6、σ相等碳化物或有害相的析出，调整材料的微观金相结构，提高产品的耐腐蚀性能、工艺性能及力学性能。

Computer controlled heat treatment furnace is used for the heat treatment of fitting to relief the processing stress, avoid the precipitation of carbides like Cr23C6, sigma phase or detrimental phase, adjust the micro metallographic structure of the materials and improve the corrosion resistance and mechanical properties of the products.

QUALITY ASSURANCE
质量保证

公司通过了 ISO9001:2008、ISO14001：2004、OHSAS18001认证，拥有完善的质量管理体系，并融合了核电、ASME、API 等各体系，确保产品生产过程中的各项活动得到有效的执行、监督及控制。

所有管配件均经过 PMI 检测，并按照标准要求进行尺寸检验，同时可按照相关要求进行射线探伤检测（RT）、超声探伤检测（UT）、渗透探伤检测（PT）、磁粉探伤检测（MT），确保产品质量。

Company is qualified by ISO9001:2008, ISO14001:2004, and OHSAS18001, has excellent quality management system with an integration of the systems of nuclear power, ASME and API to ensure effective implementation, supervision and control of each activity during manufacturing process.

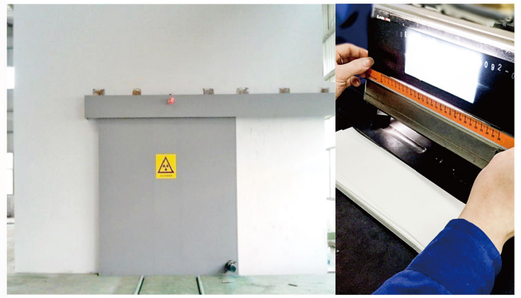
PMI and dimensional inspection is carried out for all products, meanwhile, RT, UT, PT and MT are used to ensure products quality.



PMI检测 Positive material identification



超声波探伤 Ultrasonic test



射线探伤 Radiographic test



渗透探伤 Penetration test



磁粉探伤 Magnetic particle test



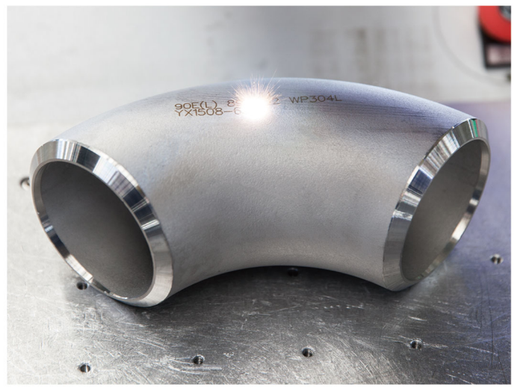
尺寸检测 Dimension check

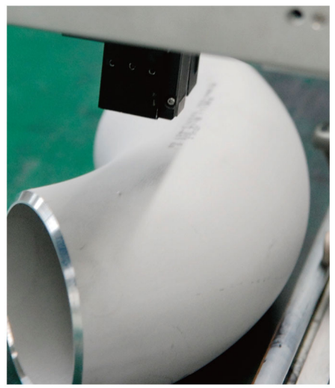


铁素体检测 Ferrit test



超声波测厚 Ultrasonic thickness test





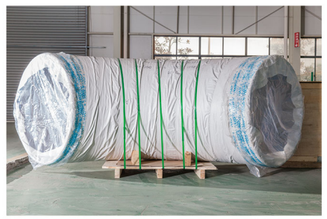


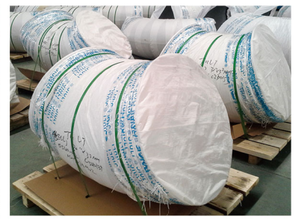


标识（激光、喷墨、蚀刻、滚印、钢印）Marking (Laser, Ink, Etching, Roll printing, Stenciling)



仓储 Storage







包装 Packaging

PACKAGING AND TRANSPORTATION

包装储运

久立管件拥有完善的售后服务体系，针对项目配备的售后服务人员、工程技术人员随时为客户提供相关服务。项目的实施过程中，进行全方位跟踪，做到保质、保量、保供。公司建有庞大的产品仓库，常用规格的管件储备8-10万件，能在最短时间内满足用户急需用品的供应。

公司常年备有300系列不锈钢、双向不锈钢及600、800、825等镍基合金的圆钢，20mm以下钢板，无缝管和焊接管等材料，可满足用户的检修急需用品和后期增补产品。智能钢板立体库主要负责钢板的智能存储，能够实时的显示钢板的库存信息，实现精准的存取任意钢板，避免翻找钢板困难而且耗时长，甚至是钢板遗失需要重复进货的情况发生，极大的改善了原料钢板的库存管理。

久立特材生产的管坯经过严格的质量控制，检测检验方法齐全，设备先进，管坯质量性能优良，同时备有不锈钢圆钢、不锈钢管以及不锈钢钢板库存。材料实现内部共享，可保质保量保期获得制造管配件用原材料。





运输 Transportation

Company has excellent after-sales service system,after-sales service and engineering technical personal is available at any time to serve the clients. Project is followed very closely during the execution to ensure good quality and timely delivery. Company has huge warehouse with about 80,000 to 100,000 pieces of fittings and flanges which can meet the urgent requirements.

Our company keeps 300 series stainless steel, duplex stainless and nickel alloy material like 600, 800, 825 billets, plates, seamless and welded pipes, which can meet the urgent demand. The intelligent steel plate three-dimensional warehouse is used for the intelligent storage of steel plates, which can display the inventory information of steel plates in real time, realize accurate access to any steel plates, reduce the difficulty and time to find steel plates, and it can greatly improve the inventory management of raw steel plates.

With complete testing methods and advanced inspection facilities, the mother pipes from Jiuli Hi-Tech are with high quality and excellent performance; besides, Jiuli Hi-Tech keeps some inventory of stainless steel billets, stainless steel pipes and stainless steel plates, which helps to meet our raw materials requirements.

R&D AND INNOVATION
研发创新

以国家认定的企业技术中心、国家认可委员会认可的钢铁实验室、博士后科研工作站、院士专家工作站为平台的研发、创新体系是公司实现可持续发展的可靠保障。公司拥有国际一流的大型精密研究试验仪器设备近百台（套），可模拟高温、高压、高腐蚀环境下的材料应用研究与试验。是集科技信息、科研开发、技术检测和高端产品试验为一体的研究机构，源源不断为核电、油气开采与运输、石油炼化、化工、精细化工、煤化工、海洋工程及造船、水处理、仪器仪表等领域提供优质而可靠的高端产品。

Research and development platform, including the R&D Center accredited as a “National Enterprise Technology Center”, “Jiuli Lab” qualified by China National Accreditation Service for Conformity Assessment(CNAS), postdoctoral research station and academician expert workstation, is the reliable guarantee of sustainable development of the company. Our lab has nearly 100 sets of advanced tests instruments and facilities, where tests for the materials with application in high temperature, high pressure and high corrosive environment are available. A research institute with an integration of science and technology information, research and development, technical evaluation and cutting-edge product tests is of key importance to supplying quality and reliable products in various industries including nuclear power, oil and gas exploration and transportation, refinery, chemical industry, fine chemical industry, coal chemistry, marine engineering and shipbuilding, water treatment, instrumentation, etc.




扫描电子显微镜+能谱仪
Scanning electron microscope (sem) + spectrometer


高温持久试验机
Elevated temperature creep testing machine


全自动高低温冲击摆锤试验机
Automatic high/low temperature impact testing machine

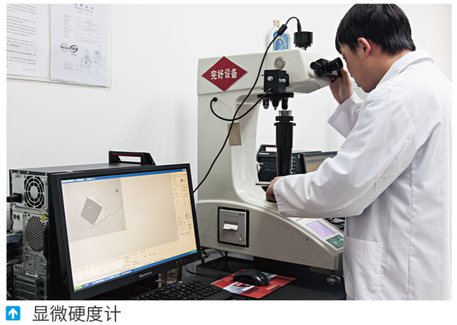

多通道集成式应力环测试系统
Multi-channel integrated stress ring test system


机械性能试验机
Mechanical properties testing machines

State-of-the-art Testing Facilities used for Inspection and R&D
先进的检测、研发设备



Leco氧氮氢分析仪
Leco oxygen nitrogen hydrogen analyzer


显微硬度计
Micro-hardness Tester


电感耦合等离子体发射光谱仪
Inductively coupled plasma emission spectroscopy


营业执照
(副 本)
统一社会信用代码 91330000758062811X (1/1)
名 称 浙江久立特材科技股份有限公司
类 型 股份有限公司(上市)
住 所 浙江省湖州市双林镇镇西
法定代表人 李郑周
注册资本 捌亿肆仟壹佰伍拾万伍仟玖佰叁拾贰元
成立日期 2004年01月08日
营业期限 2004年01月08日 至 长期
登记机关
2017年11月30日


营业执照
(副 本)
统一社会信用代码 91330502MA28CFTM9D (1/1)
名 称 浙江久立特材科技股份有限公司湖州管件分公司
类 型 股份有限公司分公司(上市)
营业场所 湖州市吴兴区八里店镇毛家桥2幢
负 责 人 李郑周
成立日期 2016年09月27日
营业期限 2016年09月27日 至 长期
经营范围 为公司承接业务(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)
登记机关
2016年09月27日

QUALIFICATION

REFERENCE

企业资质


СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р
СЕРТИФИКАТ СООТВЕТСТВИЯ
№ РОСС CN.МН08.Н26138
1753157

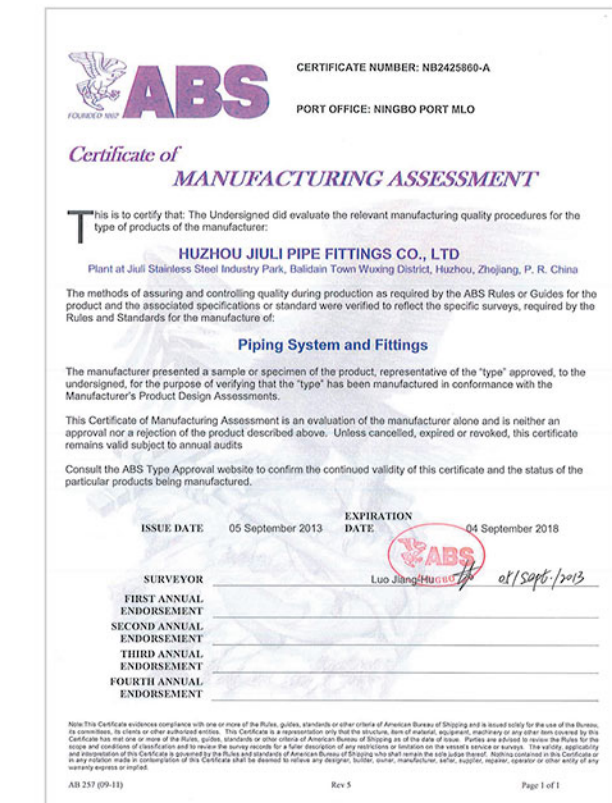

TÜV NORD
CERTIFICATE
TÜV NORD Systems GmbH & Co. KG
certifies that the company
Zhejiang JIULI Hi-Tech Metals Co., LTD.
Jiuli Stainless Steel Industry Park,
Balidian Town, Wuxing District,
313028 Huzhou City, Zhejiang Province, P. R. China
has been verified and recognized as welding workshop in the product range of
Butt-welding Pipe Fittings
based on the requirements of the standard
DIN EN ISO 3834-2
Certificate-No.: 07/204/9030/HS/3454/17
This certificate is valid until
January 2020

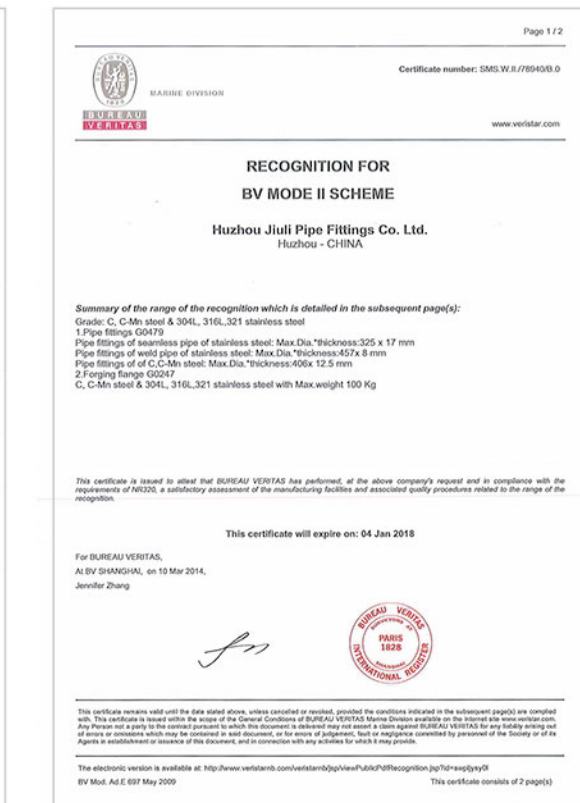

TÜV NORD
CERTIFICATE
TÜV NORD Systems GmbH & Co. KG
certifies that the company
Zhejiang JIULI Hi-Tech Metals Co., LTD.
Jiuli Stainless Steel Industry Park,
Balidian Town, Wuxing District,
313028 Huzhou City, Zhejiang Province, P. R. China
has been verified and recognized as manufacturer of
Butt-welding Pipe Fittings
according to the rules of
AD 2000-Merkblatt HP0
Certificate-No.: 07/203/9030/HP/3454/17
This certificate is valid until
January 2020
Hamburg, 2017-04-28


TÜV NORD
证 书
管理体系依据
GB/T 19001-2008/ ISO 9001 : 2008
浙江久立特材科技股份有限公司


TÜV NORD
CERTIFICATE
The TÜV NORD Systems GmbH & Co. KG
certifies that the company
Zhejiang JIULI Hi-Tech Metals Co., LTD.
Jiuli Stainless Steel Industry Park,
Balidian Town, Wuxing District,
313028 Huzhou City, Zhejiang Province, P. R. China
has been verified and recognized as material manufacturer according to
AD 2000-Merkblatt W0
Certificate-No.: 07/203/9030/WP/1480/17
This certificate is valid until
January 2020


TÜV NORD
CERTIFICATE
Quality-Assurance System for material manufacturer according to directive 2014/68/EU
Certificate no.: 07/202/9030/WZ/1480/17

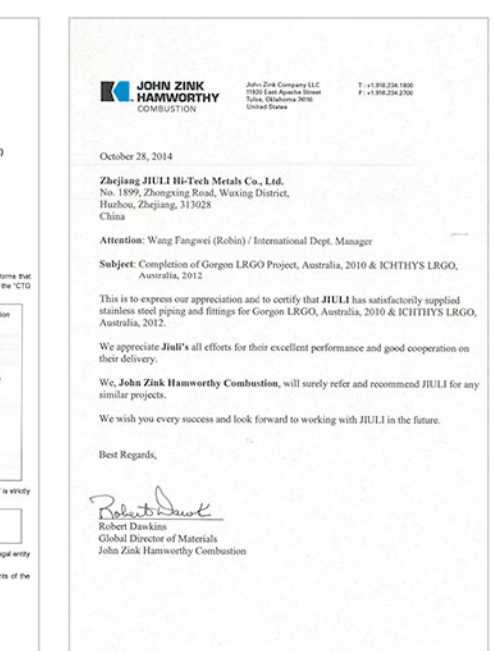

ABS
CERTIFICATE NUMBER: NB2425860-A
PORT OFFICE: NINGBO PORT MLO
Certificate of MANUFACTURING ASSESSMENT
HUZHOU JIULI PIPE FITTINGS CO., LTD
Piping System and Fittings
ISSUE DATE 05 September 2013
EXPIRATION DATE 04 September 2018


BUREAU VERITAS
RECOGNITION FOR
BV MODE II SCHEME
Huzhou Jiuli Pipe Fittings Co. Ltd.
Huzhou - CHINA
This certificate will expire on: 04 Jan 2018

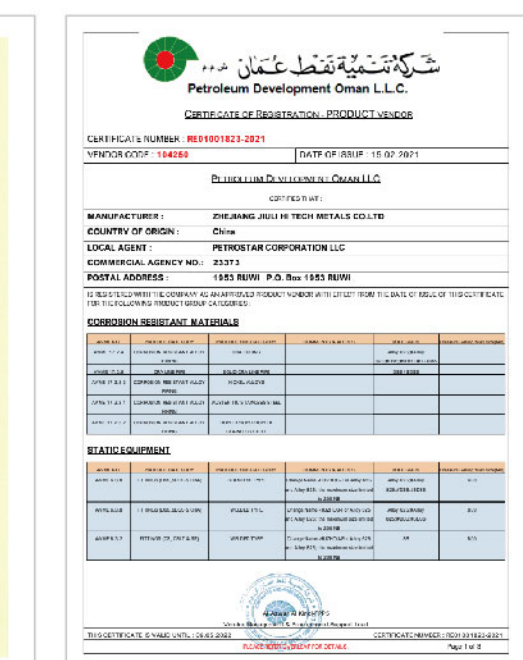

中国船级社
CHINA CLASSIFICATION SOCIETY
工厂认可证书
CERTIFICATE OF WORKS APPROVAL
湖州久立管件有限公司
HUZHOU JIULI PIPE FITTINGS CO.,LTD.
管路附件
ACCESSORYS OF PIPES


DNV·GL
APPROVAL OF MANUFACTURER CERTIFICATE
Zhejiang Jiuli Hi-Tech Metals Co., Ltd.
Steel Pipes and Fittings

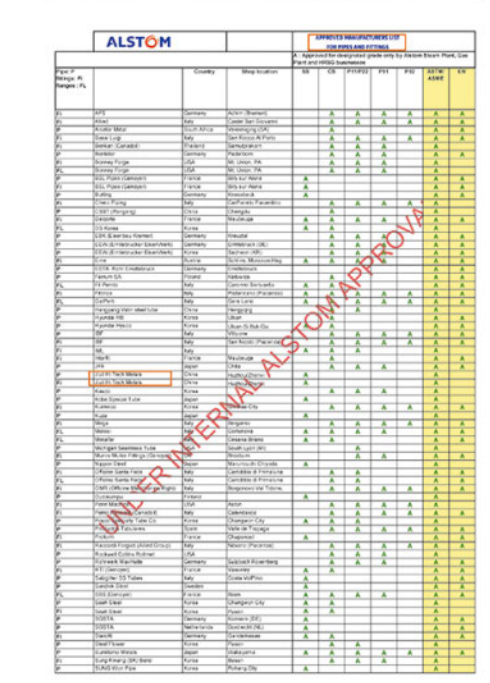

TOTAL
Corporate Technology Group
ZHEJIANG JIULI (BALIDIAN)

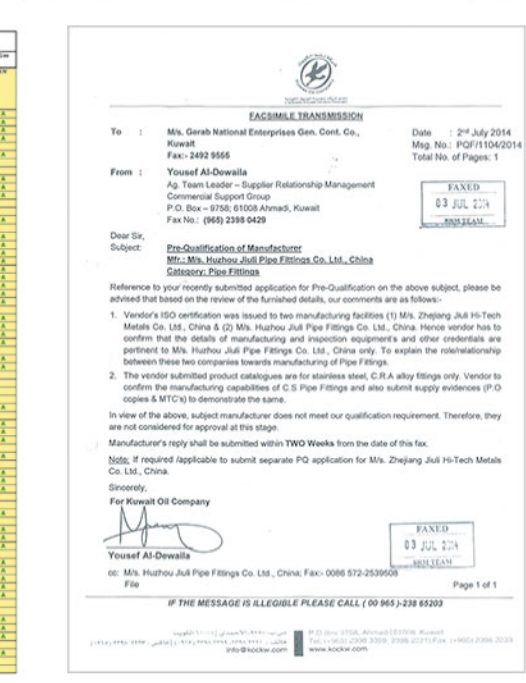

JOHN ZINK HAMWORTHY COMBUSTION
October 28, 2014
Zhejiang JIULI Hi-Tech Metals Co., Ltd.

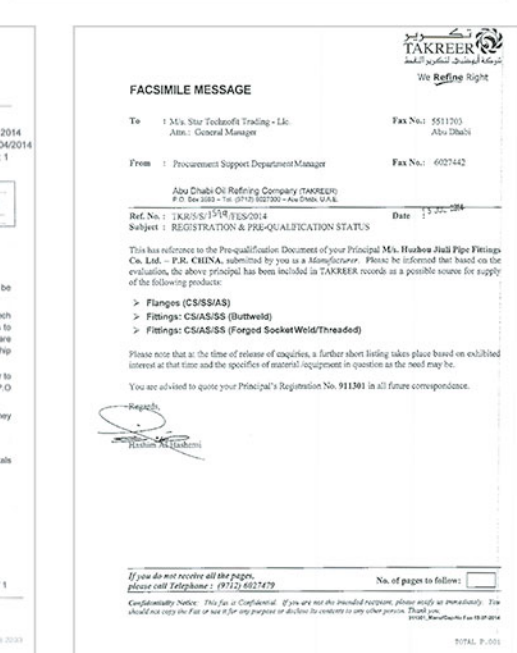

KNPC
VENDORS & CONTRACTORS EVALUATION COMMITTEE


Petroleum Development Oman L.L.C.
CERTIFICATE OF REGISTRATION : PRODUCT VENDOR


北京华福工程有限公司
Beijing Huafu Engineering Co., Ltd
物资资源市场成员
Materials and Equipment Resources Market Member
证 书
有效期:2015年6月—2020年5月
湖州久立管件有限公司:


ALSTOM


FACSIMILE TRANSMISSION
Pre-Qualification of Manufacturer
Mfr.: M/s. Huzhou Jiuli Pipe Fittings Co. Ltd., China
Category: Pipe Fittings
For Kuwait Oil Company


TAKREER
FACSIMILE MESSAGE
Subject : REGISTRATION & PRE-QUALIFICATION STATUS


供应商名称: 湖州久立管件有限公司
供应商类型: 所属企业管理 制造商
供应商编码: 1707810
准入证编号: 02142026010
工商注册号: 330500000000389
组织机构代码: 79436551-0
发证单位: 中国石油天然气集团公司 中国寰球工程公司
法定代表人/负责人: 李郑周
单位地址: 中国浙江湖州市吴兴区八里店镇久立不锈钢工业园
准入章:
发证日期: 2012 年 10 月 30 日

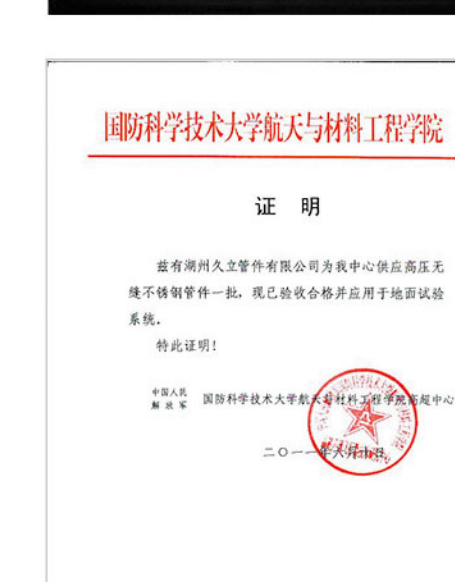

中国石化镇海炼化100万吨/年乙烯工程
优秀供应商
镇海炼化乙烯工程项目经理部
二〇一〇年七月


授予:浙江久立特材科技股份有限公司
优秀供应商

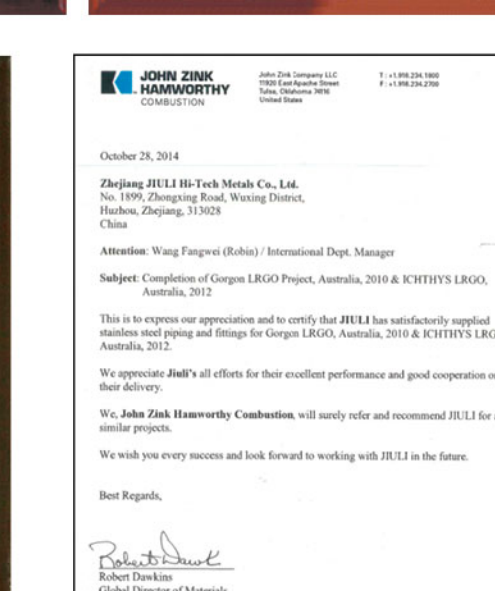

授予:浙江久立特材科技股份有限公司
三星级供应商
神华宁夏煤业集团有限责任公司
二〇一一年十一月

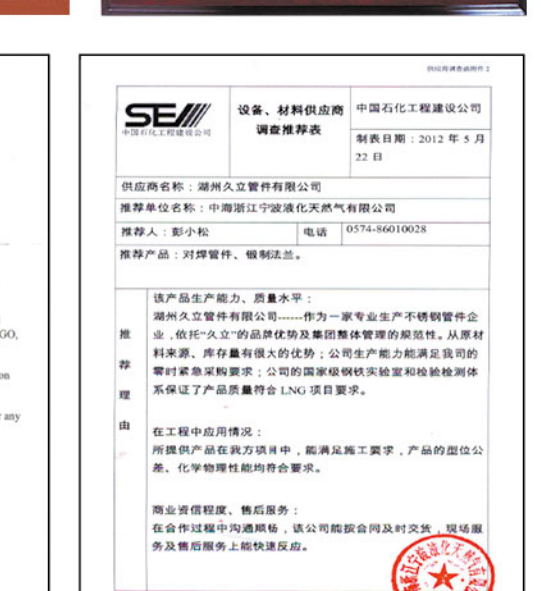

浙江逸盛石化PTA四期工程
兹授予:
湖州久立管件有限公司
优秀供应商
浙江逸盛石化有限公司


荣誉证书
HONORARY CREDENTIAL


国防科学技术大学航天与材料工程学院
证 明


冶金产品实物质量金杯奖
中国钢铁工业协会
2003


JOHN ZINK HAMWORTHY COMBUSTION
October 28, 2014


设备、材料供应商调查推荐表
供应商名称:湖州久立管件有限公司


DU PONT
Acknowledgement Letter
感谢信

HEALTH SAFETY ENVIRONMENT

健康 安全 环境





公司对员工的健康、安全十分重视，制定了完善的安全管理制度。新员工进场首先进行安全环保职业健康教育，经考核后方能上岗工作；《安全操作手册》人手一册以供员工进行学习；与各生产单位负责人签订责任书以加强各级管理人员的安全责任；每月举行一次安全检查使安全隐患及时得到排除；公司每年举行应急预案演习，提高全体员工应变能力。公司每年组织员工进行体检，真正注重人性关怀。

保护环境是我们的责任。公司在发展的同时，努力做到人与社会、环境的和谐发展。公司发展循环经济：

① 废水：投入大量资金，兴建自动化污水站，进行废水改造。不仅提高了自动化控制系统，减少了工人劳动强度，还提高了综合水回用率，确保了废水处理后稳定达标排放。

② 废气：公司投入大量研发资金，开发酸雾抑制品，降低因酸洗等工作流程中造成的废气组织排放，保护自然，改善员工工作环境。

③ 危险固废：公司委托资质单位定期清洗，杜绝 2 次污染产生。

另外公司重视节能减排工作，对公司所有生产设备全部采用配输天然气，减少温室气体、有害气体的排放，以达到节能、减排、降耗的目标。公司高度的责任感和富有效率的工作，通过了 ISO14001:2004 环境管理体系认证、OHSAS18001:2007 职业健康安全管理体系认证和清洁生产的验收。

Company attaches great importance to employees' health and safety: new employees are offered trainings on occupational health and safety and shall pass the assessment before work; each employee is provided “Safe Operation Manual”; each workshop manager has to sign liability statement to strengthen the security consciousness of the management; monthly safety check is conducted to minimize the hidden unsafe; company organizes annual emergency exercises to improve the adaptability of all employees; physical examination is offered to the employees every year.

Environmental protection is our responsibility. Company shall develop together with the people, society and environment harmoniously. Development of Circular Economy:

1.Waste water: Company has spent a lot of money into automatic sewage station building, which improves automatic control system, reduces the workload of the operators and enhances reuse rate of integrated water, ensuring the standard discharge of the sewage after waste-water treatment.

2.Exhaust gas: Company has invested a lot on R&D, developing acid mist suppression products to reduce emissions after process like pickling, so as to improve the working environment of employees.

3.Hazardous solid waste: Qualified company is asked to clean out periodically to prevent secondary pollution.

Besides, we pay special attention to energy conservation and emissions. It reduces the emission of greenhouse gases and noxious gas by use of natural gas for all the production facilities. Our company has been qualified by ISO14001:2004 AND OHSAS18001:2007.



SOCIAL RESPONSIBILITY

社会责任

感恩是一种态度，感恩是一种幸福。

落红护花，归根落叶。

感恩如影随形。

……

Gratitude is an attitude and also a kind of happiness.

The falling leaves settle on their roots.

To be grateful on every step of the way.

…



FUTURE PLAN 未来规划



短期发展规划 Short-term Development Plan

在短期规划内不锈钢及镍基合金等高端管配件产品产量与年销售额进一步增加，其中特殊材料产品占到销量的 30% 以上，保持特殊材料在国内的领先水平，公司进入高端金属管配件产品制造企业前三名，不锈钢及镍基合金等高端金属管件市场占有率达到 5% 以上。

The turnover and output of stainless steel & nickel alloy pipe fittings could be increased further a bit, with products of special materials taking up more than 30% of the turnover. We shall endeavor to keep our special materials with leading level in domestic market, our company ranking top three among first class piping products manufacturers and the market share for stainless steel and nickel alloy pipe fittings exceeding 5%.

远景发展方向 Development Prospect

进一步提高不锈钢及镍基合金等高端管配件产品产量与销售额，特殊材料产品占到销量的 40% 以上，继续保持特殊材料产品国内领先水平；公司产品形成产业链，综合竞争力显著提高。

成为中国管配件综合能力的第一品牌，全球管配件行业最具竞争力的品牌之一，最具可持续发展的企业，做管道领域的方案解决专家。

The turnover and output of stainless steel & nickel alloy pipe fittings could be increased further, with products of special material taking up 40% of the turnover, and maintain the leading position in domestic market for products of special materials; be one stop solution provider, and improve our overall competitiveness dramatically.
To be the first brand in China and one of the leading brands around the world in the piping materials industry, so as to become a company with sustainability and good solutions.