炼百年不锈，筑绿色未来。
Manufacturing lifetime stainless steel,
Constructing greener future.






青拓集团长材产品手册

Long Product manual of the Tsingtuo Group



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1 企业概况 Company Introduction

- 集团简介 Group Introduction
- 制造业排名 Manufacturing ranking
- 集团架构 Group organizational structure
- 主要子公司 Major subsidiary

集团简介 Group Introduction

Tsingtuo group is one of the three major groups of Tsingshan Industry. Currently, Tsingshan Industry is the world's largest stainless steel production enterprise, with a crude steel production of 13.92 million tons, accountting for 53.9% of the global production. Tsingshan Industry ranks the 70th place in the 2024 China enterprise 500 and the 265th in the world's top 500 enterprises.

Tsingtuo group has 33 subsidiaries in Fujian, including Dingxin industry ,Tsingtuo nickel, Tsingtuo industrial, Tsingtuo special steel, Tsingtuo technology, etc. It has developed into a comprehensive stainless steel industrial park integrating ferronickel processing, stainless steel smelting, hot rolling of bar ,tube making , hot rolling of wire, hot rolling of plate, cold rolling of plate and marine logistics wharf.





青拓集团有限公司是青山实业（~~2022年~~不锈钢粗钢产量1392万吨，占全球不锈钢粗钢53. 9%，荣列2024年中国企业500强70位；2024年世界500强第265位；）所属五大集团之一，下辖鼎信实业、青拓镍业、青拓实业股份、青拓特钢、青拓科技等33家子公司和浙江青田、广东阳江两个生产基地，已发展成集镍铁加工、不锈钢冶炼、棒材热轧、制管、线材热轧、板材热冷轧以及海运物流码头于一体的综合性不锈钢产业园。



企业排名 Rankings of the Tsingshan Industry

企业荣誉
Corporate Honors



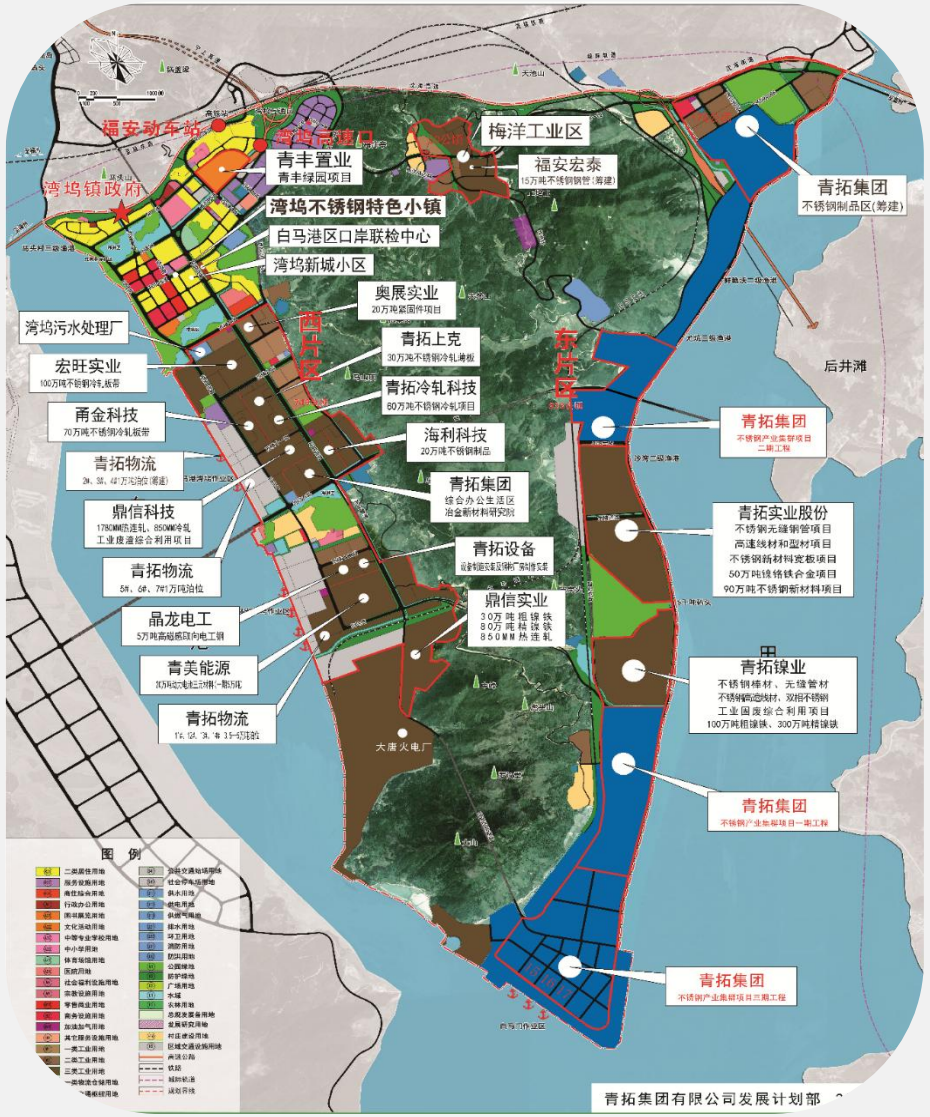
青山实业位列2024中国企业500强第70位，2024中国民营企业500强第15位，2024中国民营制造业500强第12位，2024年世界500强第265位。

目前，青山实业是全球最大的不锈钢生产企业，不锈钢产量占到全球的25%以上。

Tsingshan Industry ranks the 74th place in the 2022 China enterprise 500 , the 13th in top 500 China's private enterprises , 12th in the top 500 private manufacturers in China and most importantly, the 238th in the world's top 500 enterprises.

At present, Tsingshan industry is the world 's largest stainless steel production enterprise, accountting for over 25% of the global stainless steel production.

集团架构Group organizational structure



Tsingtuo Group

青拓集团

- 鼎信实业 Dingxin Industry
- 青拓镍业 TsingTuo Nickel
- 青拓实业股份 TsingTuo Industrial
- 青拓特钢 TsingTuo Special steel
- 青拓科技 TsingTuo Technology
- 青拓研究院 Resech Institute of TsingTuo Gruop

主要生产单位Major production company

主要子公司Major subsidiary

鼎信实业有限公司Dingxin industry Co.,Ltd.



鼎信实业是一家以国际先进的RKEF技术专业从事镍合金冶炼及不锈钢一贯制生产的企业。创造了两项第一:一是国内第一家采用RKEF生产工艺生产镍合金.二是国际上第一次创造性地将RKEF生产工艺技术与不锈钢精炼技术紧密的结合在一起，实现了镍铁水热装热送，并将钢坯热送到热轧线上，两次热装热送，实现了不锈钢生产的历史性突破。

Dingxin industry is an international advanced company specialized in nickel alloy smelting and stainless steel production with the RKEF technology and has achieved two breakthroughs. First, the first company to produce nickel alloy with the RKEF technology in China. Second, the first company to use the RKEF&AOD furnace in the way of dual linking to smelt stainless steel in the world, which made a historic breakthrough in manufacturing of stainless steel.

主要子公司Major subsidiary

青拓镍业有限公司TsingTuo nickel Co.,Ltd.



青拓镍业是世界上首批成功采用烧结机+高炉（竖式）工艺生产镍铬铁水和电弧炉熔化不锈钢废料得到不锈钢水并热送AOD炉冶炼不锈钢的生产企业之一。主要产品有不锈钢板坯、方坯、棒材和线材。

Tsingtuo nickel is one of the world ‘s first successful producers of smelting stainless steel using Sinter & Blast Furnace (vertical) process to produce molten Ni-Cr-iron and using electric arc furnace to smelt scrap and producing molten stainless steel with the AOD furnace. The main products are stainless steel slab, billet, bar and wire.

主要子公司Major subsidiary

青拓实业股份有限公司TsingTuo industrial Co.,Ltd.



青拓实业股份具有50万吨镍铬铁合金、90万吨特钢新材料（400系）、30万吨不锈钢高速线材、40万吨不锈钢中小型材、30万吨特种材料高速线材和300万吨不锈钢热轧宽带的生产规模，拥有AOD、VOD、LF等先进精炼设备，产品以400系为主，已广泛应用于家电、汽车、餐厨具、环保工业设施等行业。

Tsingtuo Industrial has a production scale of 500 000 tons of nickel chromium iron alloy, 900 000 tons of special steel new materials (400 series), 300 000 tons of stainless steel high-speed wire, 400 000 tons of stainless section steel, 300 000 tons of special material high-speed wire, and 3 million tons of stainless steel hot rolled broadband. It has advanced refining equipment such as AOD, VOD, LF, etc. The products are mainly 400 series, and have been widely used in industries such as home appliances, automobiles, dining utensils, and environmental protection industrial facilities.

主要子公司Major subsidiary

青拓特钢有限公司TsingTuo special steel Co.,Ltd.



青拓特钢具有100万吨不锈钢棒材和70万吨不锈钢线材的产能，盘圆直径覆盖15到40mm规格，棒材直径覆盖65到110mm规格。青拓特钢集先进的生产工艺流程和技术装备于一体，同时实现了智能化、数字化，生产效率高，产品精度高、性能稳定。产品广泛应用于汽车配件，精密仪器以及化工、桥梁、航空，核电等领域。

Tsingtuo Special Steel has a production capacity of 1 million tons of stainless steel bars and 700 000 tons of stainless steel wires. The diameter of the wire covers the specifications of 15 to 40mm, and the diameter of the bar covers the specifications of 65 to 110mm. Tsingtuo Special Steel is equipped with advanced production processes and technical equipment, while achieving intelligent digitization, which ensuring high production efficiency, and stable product accuracy and performance. The products are widely used in automotive parts, precision instruments, as well as chemical, bridge, aviation, nuclear power and other fields.

主要子公司Major subsidiary

青拓科技有限公司TsingTuo technology Co.,Ltd.

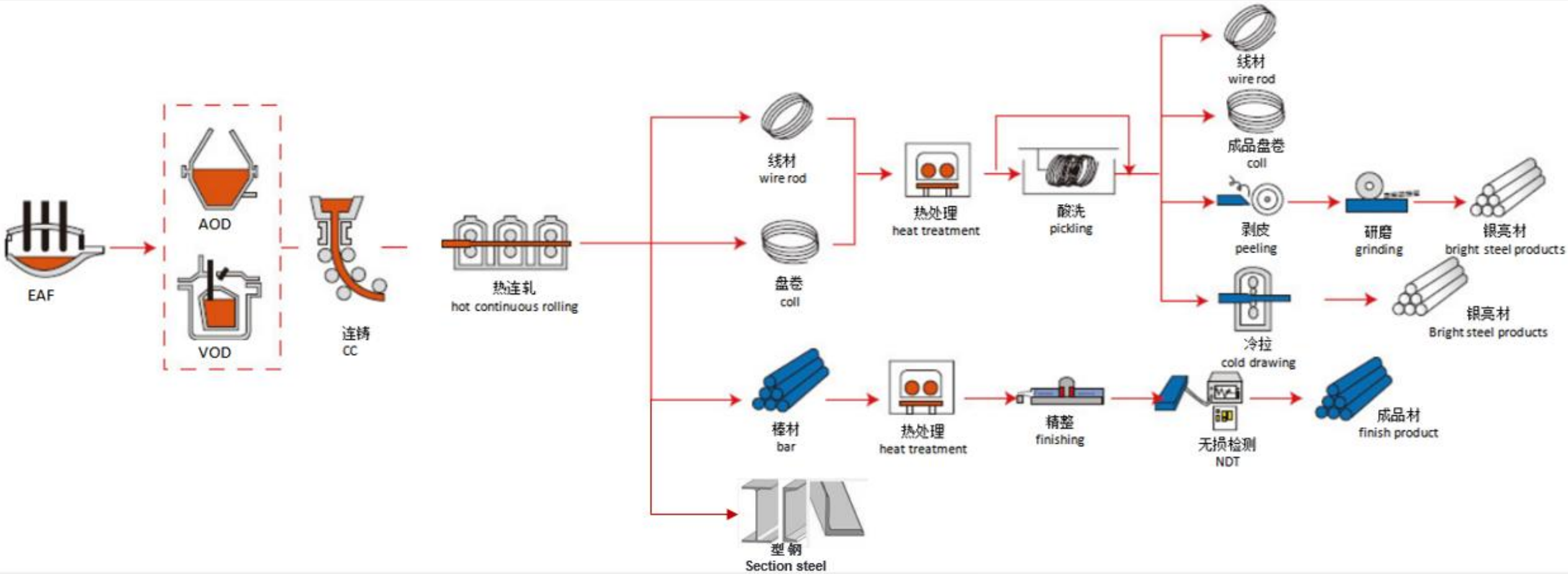


青拓科技属鼎信实业和青拓镍业的下游配套项目，其中1780mm热轧项目总投资30亿元，年产300万吨热轧钢材。850mm冷轧项目一期年产30万吨冷轧钢带，产品主要用于家用电器、餐饮厨具、医疗器械、化工设备、汽车配件、电子元件、建筑装潢等领域。

Tsingtuo technology belongs to the downstream supporting projects of Dingxin industry and the Tsingtuo nickel.The total investment of the 1780mm hot rolling project is 3 billion yuan, with an annual output of 3 million tons of hot rolled steel.First phase of the 850 mm cold rolling project annual output of 300000 tons of cold rolled steel belt, products are mainly used in household appliances, catering kitchen utensils and appliances, medical equipment, chemical equipment, auto parts, electronic components, building decoration and other fields.


2
工艺流程
Production Process

工艺流程Production Process





3

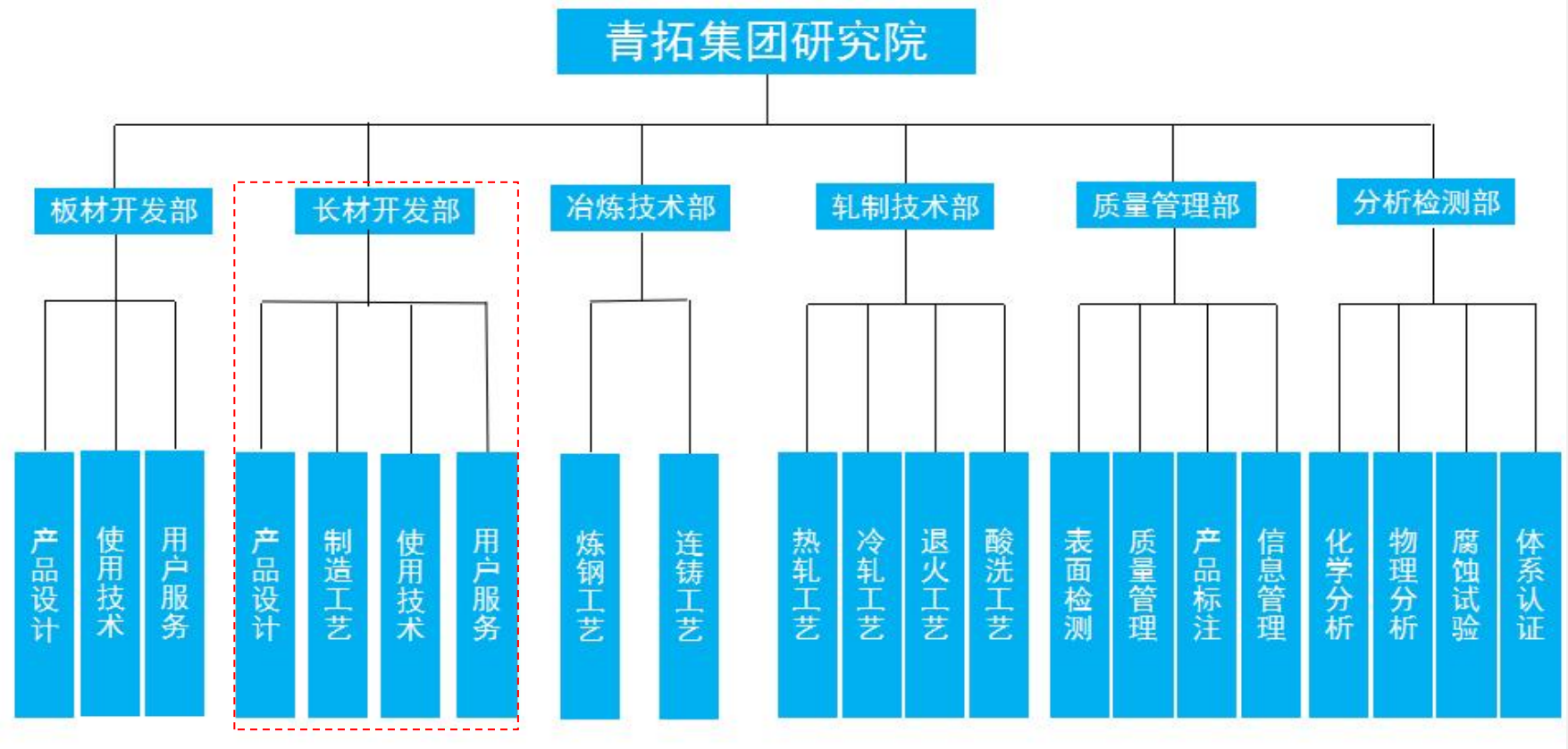
产品技术Product Technology

- 研发能力 Research & Development ability
- 产品介绍 Product introduction
- 生产规格 Product specification
- 产品特色 Product features
- 市场客户 Market customer

研发团队R&D team

青拓集团研究院成立于2016年3月，专业从事不锈钢新工艺、新产品开发、质量持续改进及产品使用技术研究。由板材开发部、长材开发部、冶炼技术部、轧制技术部、质量管理部和分析检测部等六大部门组成。聘请行业内有影响力的技术专家担任院长、部长及首席工程师等重要职位。

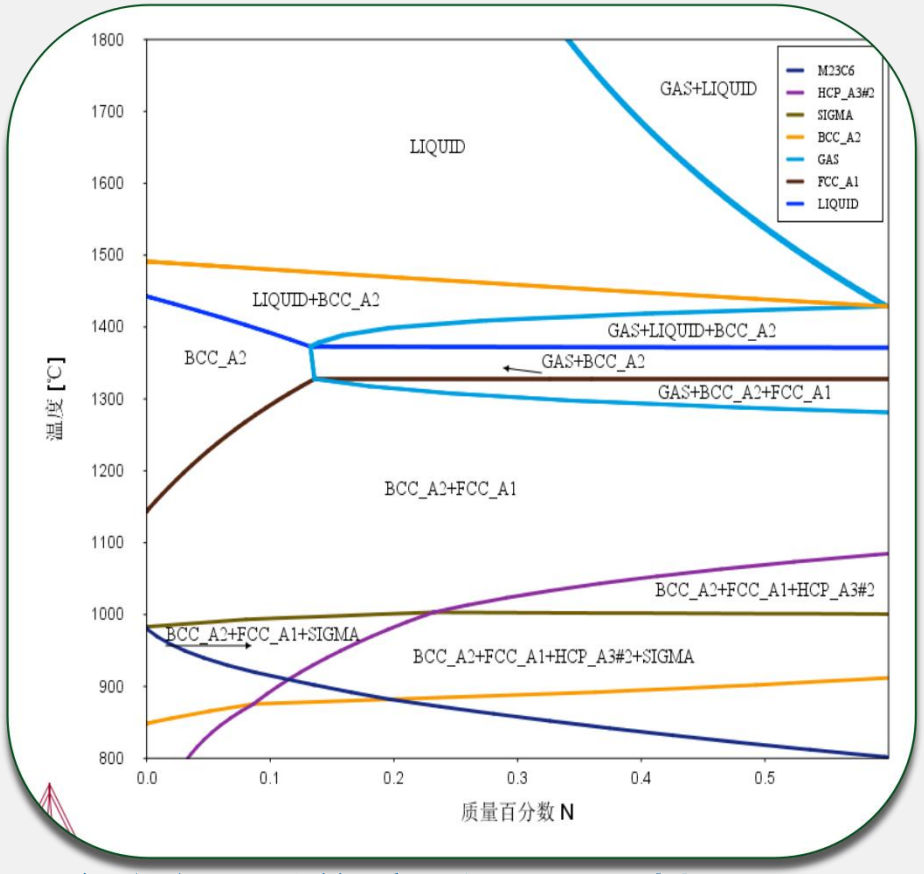
The Research Institute of Tinto Group was established in March 2016. It specializes in the research of new stainless steel technology, new prod uct development, continuous quality improvement and product use technology. It is compos-ed of six departments, such as strip development dep artment, long product development department, steel making technology department, rolling technology department, quality management depart ment, analysis and testing department. To employ influential technical experts in the industry as chief, Minister and chief engineer.



技术开发Technology development

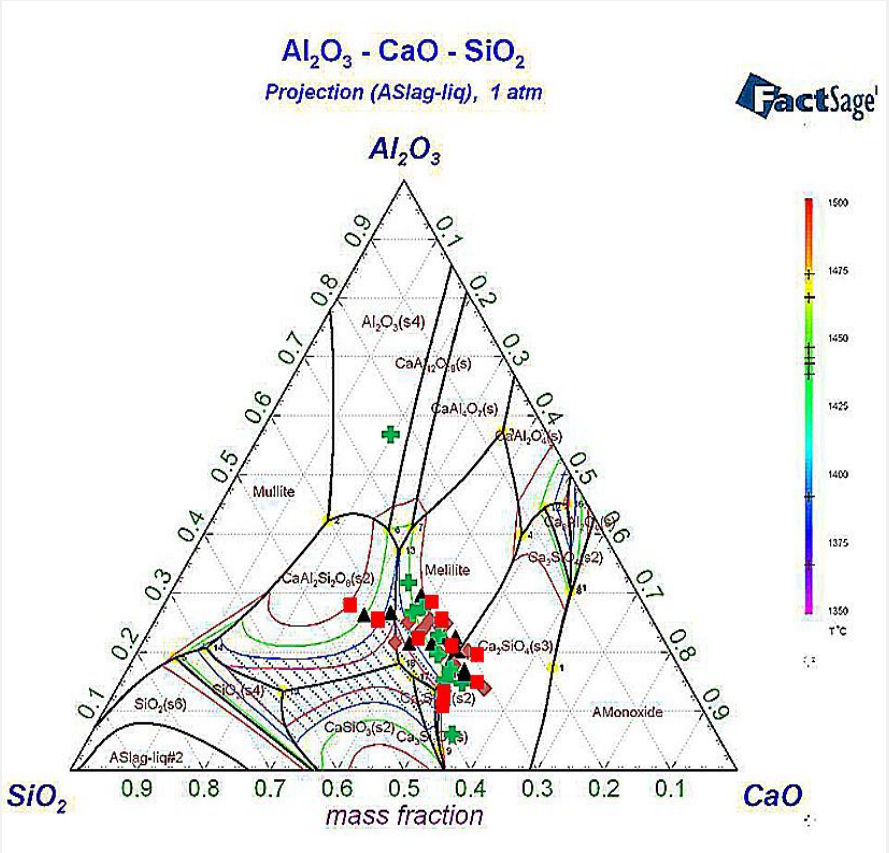
开发了高成型性的常规奥氏体不锈钢、节镍奥氏体不锈钢、铁素体不锈钢、马氏体不锈钢、双相不锈钢以及沉淀硬化不锈钢等。

The conventional austenitic stainless steel, low-nickel-austenitic stainless steel, ferritic stainless steel, martensitic stainless steel , duplex stainless steel and precipitation hardening stainless steel are developed.



氮合金化不锈钢产品设计及制造技术

Design and manufacturing technology of nitrogen alloyed stainless steel products



低熔点夹杂物控制技术

Low melting point inclusion control technology

研发设备R&D equipment

研发设备包括：EPMA场发射电子探针、蔡司扫描电镜、EBSD衍射分析仪，金相显微镜、多功能材料试验机、直读光谱仪等先进仪器。

R&D equipment includes: EPMA field emission electron probe, Zeiss scanning electron microscope , electron back-scattered diffraction analyzer , metallographic microscope, multifunctional material testing machine, direct reading spectrometer, and other advanced instruments.



JXA 8530F,Japanese electronics



Zeiss scanning electron microscope



EBSD analyzer



Direct reading spectrometer



Zwick Z250,Germany



Axio Imager A2m

创新发展之路Innovation of Development

TSING TUO

RKEF-AOD双联法工艺流程创新

2010

The world's first RKEF+AOD dual production line, reducing the cost of ferronickel smelting greatly.



组建集团研究院

2016

Founded the research institute of the Tsingtuo Group, promoting the innovation of the group.

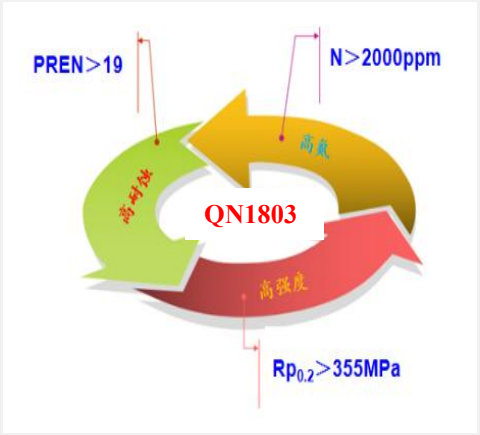
青拓集团研究院

- 板材开发部
- 长材开发部
- 冶炼技术部
- 轧制技术部
- 质量管理部
- 分析检测部
- 智能制造部

高氮高耐蚀不锈钢品种创新

2018

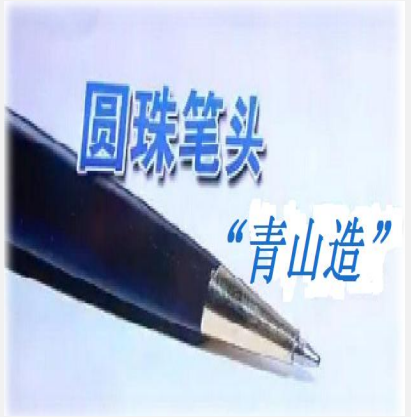
QN series was developed, marking the era of leading instead of following in stainless steel grades innovation.



环保易切削超纯铁素体笔尖钢创新

2020

The Pb-free pen nib steel, QF24Sn, was developed, which Solved the bottleneck problem of the country.



经济型双相不锈钢创新

2020～

The lean duplex stainless steel S32001 and S32304 was developed, which greatly enhanced the product competitiveness of the group.



持续的工艺创新、产品创新，使青拓集团在全球的不锈钢产业竞争力方面处于领先地位。

With the continuous innovation of production process and products, Tsingtuo Group has been in the leading position in the global competitiveness of the stainless steel industry.

长材产品介绍Long product introduction

A 产品种类Product types

长材主导产品分棒型材、线材两大类，其中棒型材包括棒材，角钢，槽钢，六角钢，方钢，螺纹钢，线材包括盘条和大盘卷。
The main products are divided into two categories: Bars(including section steel) and wire, The Bars include square bar, I beam, rebar, hexagonal steel, channels, angles. The wire includes wire rod and bar in coil.



线材
Wire rod



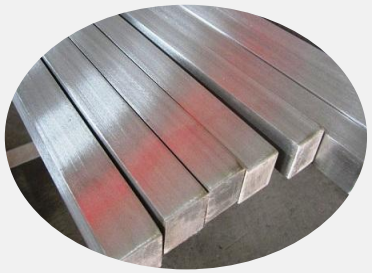
大盘卷
Bar in coil



棒材
Bars



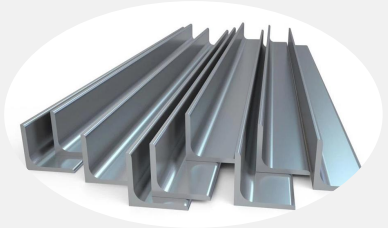
六角钢
Hexagonal steel



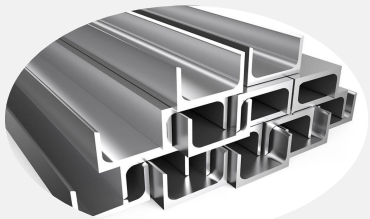
方钢
Cube rod



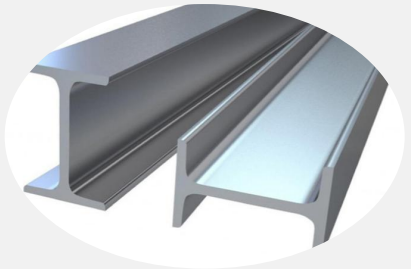
扁钢
Rectangular bar



角钢
Angles



槽钢
Channels



工字钢
I beam



螺纹钢
Rebar

线材产品牌号及标准 Steel grades and standards of wire

B 产品牌号 Steel grades

类别 Type		牌号 Steel Grades	执行标准 Execution Standard
奥氏体 Austenitic Grades	Cr-Mn系 Cr-Mn series	200Cu,201Cu,202B,808B,D665A,D665ANY,D666,D667,D669	美标ASTM 欧标DIN 日标JIS 国标 GB 企标QB
	Cr-Ni系 Cr-Ni series	301,302,303,303Cu,303F,SUS303C,S30401,304,304B,304L,304H,304C1,304M2,304M,304MC,304BT, 304TM,304BK,304MD,304HC,304HC1,304HC2,304HC3,316,316L,316LCu,1.4571,310S,314 ER308,ER308HSi,ER308L,ER309,ER309HSi, ER309L,ER310,ER310HSi,ER316L,ER316LHSi，	
	QN系 QN series	QN1401,QN1601,QN1602,QN1701(xm-28), QN1706,QN1803,QNM2600,QN1804B,QN1906,QN2109	
铁素体 Ferritic Grades		0Cr11,00Cr11,0Cr13,00Cr13,00Cr17,0Cr17,430,430L,416, 022Cr18Ti,QF24Sn,ER439，430F，430FR	
马氏体 Martensitic Grades		12Cr13,20Cr13,30Cr13,40Cr13	
双相钢 Duplex Grades		S32001,S32304,S32205,S32750,S32760	
沉淀硬化型 Precipitation Hardening Grades		SUS630,SUS631	

棒型材产品牌号及标准 Steel grades and standards of bars

B 产品牌号 Steel grades

类别 Type	牌号 Steel Grades	执行标准 Execution Standard
高强度含氮奥氏体钢 High-strength nitrogen-containing Austenitic steels	QN1401,QN1601,QN1602,QN1701(xm-28),QN1706,QN1803,QN1804,QN1906,QN2109 202B,808B,QNM2600	美标ASTM 欧标DIN 日标JIS 国标 GB 企标QB
奥氏体钢 Austenitic steels	302,303,303M,304,SUS304,304L,304H, 0Cr18Ni9Ti,06Cr18Ni11Ti,321H,316L, 1.4404,1.4571,317L,347H,310S	
铬-镍-锰-氮奥氏体钢 Cr-Ni-Mn-N Austenitic steels		
铁素体钢 Ferritic steels	0Cr13,430,430F	
马氏体钢 Martensitic steels	12Cr13,20Cr13,30Cr13,40Cr13,431,20Cr17	
奥氏体-铁素体钢 Austenitic-ferritic steels	S32001,S32304,S32205,S32750,S32760	
沉淀硬化钢 Precipitation hardening steels	SUS630,SUS631	

棒材产品用途 Application of bars

C 棒材 Bars

用途 Application	通用管坯 Pipe & Tube Blank	易切削棒材 Free-cutting	机加工材和锻材 Machining & Forging
奥氏体型 Austenitic Grades	302,304,304L,304H,0Cr18Ni9Ti,06Cr18Ni11Ti, 321H,316L,1.4404,1.4571,347H,310S， QN1701(xm-28),QN1803,QN1906,QN2109	303,303A,S30401,316L01,SUS304	302 0Cr18Ni9 304 304L 304H 310S 316L 317L 316Ti 347H
双相系列 Duplex grades	S32001 S32304 S32205 S32750 S32760	-	S32001
铁素体 Ferritic Grades	-	430F	0Cr13,430,430F
马氏体 Martensitic Grades	-	-	12Cr13,20Cr13,30Cr13,40Cr13,431,20Cr17
沉淀硬化型 Precipitation Hardening Grades	-	-	SUS630，SUS631

型材产品用途Application of section steel

TSING TUO

C 型材 Section steel

类别 Application		角钢 Angles	槽钢 Channels	六角钢 Free-cutting	方钢 Square bars	工字钢 I beam	螺纹钢 Rebar
奥氏体 Austenitic Grades	Cr-Ni系列 Cr-Ni Series	302,S30400, 304L,316L, 06Cr18Ni11Ti	302,S30400,304L 0Cr18Ni9Ti,316L 06Cr18Ni11Ti	303 SUS304 316L	SUS304 316L	S30400	-
	QN系 QN series	QN1401 QN1803 QN1906 QN2109	QN1401 QN1803 QN1906 QN2109	-	-	QN1701(xm-28) QN1803 QN1906 QN2109	QN1701(xm-28) QN1803 QN1906 QN2109
双相系列 Duplex Grades		S32001 S32205 S32304	S32001 S32205 S32304	S32001 S32205 S32304	S32001 S32205 S32304	S32001 S32205 S32304	S32001 S32205 S32304

线材产品用途Application of wire

C 盘条Stainless Steel Wire Rod

用途 Application	五金线 Hardware Wire	冷镦 Cold Heading	焊接 Welding	易切削 Free-cutting
Cr-Mn系 Cr-Mn Series	D666 202B 201Cu1 D669	D667 201Cu	-	-
Cr-Ni系 Cr-Ni Series	S30400 304B 304L 304H 304M 304N 304M3 310S 316L 317L 314 316Ti 321 321H	S30400 304B 304HC 304HC1 304HC2 304HC3 316L 316LCu 302HQ 321	ER308,ER308HSi, ER308L,ER309,ER309HSi ER309L, ER310, ER310HSi,ER316L,ER316LHSi	303,303F 303Cu S30401 304L01 31601 316L01
QN系 QN series	QN1401,QN1601,QN1602, QN1701(xm28),QN1706,QN1803, QNM2600,QN1804B,QN1906,QN2109	QN1804B	-	-
Cr系 Cr Series	00Cr17(430L) 00Cr13 0Cr13(410S)	00Cr17(430L) 00Cr13 0Cr13(410S)	-	416 QF24Sn 430F 430FR
双相 Duplex Grades	S32001、S31803 S32205 S32750	S32001 S31803 S32205 S32750	ER2209	-
沉淀硬化型 Precipitation Hardening Grades	–	SUS630，SUS631	-	-

生产规格(棒材)Product specification(Bars)

TSING TUO

D 棒材 Bar

类别 Type	常 规 尺 寸 Normal Sizes (mm)							
棒材 Bars	Φ18	Φ19	Φ20	Φ21	Φ22	Φ23	Φ25	Φ26
	Φ27	Φ28	Φ29	Φ30	Φ31	Φ32	Φ33	Φ35
	Φ36	Φ37	Φ38	Φ39	Φ40	Φ42	Φ45	Φ47
	Φ48	Φ50	Φ52	Φ55	Φ57	Φ60	Φ65	Φ70
	Φ75	Φ80	Φ85	Φ90	Φ95	Φ100	Φ105	Φ110
	Φ115	Φ120	Φ125	Φ130	Φ150	-	-	-
角钢 Angles	∠30×3	∠30×4	∠40×3	∠40×4	∠40×5	∠50×3	∠50×4	∠50×5
	∠50×6	∠60×5	∠60×6	∠63×5	∠63×6	∠70×5	∠70×6	∠70×7
	∠70×8	∠75×5	∠75×6	∠75×7	∠75×8	∠80×6	∠80×8	∠80×10
	∠100×8	∠100×10	-	-	-	-	-	-
槽钢 Channels	[5	[6	[8	[10	[12	[14a	[16a	-
六角钢 Hexagonal steel	H18	H19	H21	H24	H26	H29	H32	H34
	H36	H38	H40	H43	H48	H52	H57	-
方钢 Square bars	S22×22	S24×24	S27×27	S29×29	S42×42	S44×44	S53×53	-
工字钢 I beam	I10	I12	I14	I16	I18	I20	-	-
螺纹钢 Rebar	10	15	20	25	30	35	45	55

生产规格(线材)Product specification(Wire)

D 盘条Stainless Steel Wire Rod

类别 Type	盘重 Coil Weight	常规尺寸 Normal Sizes（mm）							
线材 Wire rod	500kg ~ 2500kg	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
		8.5	9	9.5	10	11	11.5	12	13
		15	16	17	18	19	20	-	-
大盘卷 Bar in coil	500kg ~ 2500kg	21	22	23	24	25	26	28	30
		32	34	38	-	-	-	-	-

产品特色Product features

品质优良 Excellent Quality

从原料到最终产品，科学、严谨的质量一贯制管理技术，保证了公司产品成分精准、性能稳定、表面优良。

From raw materials to final products, scientific and rigorous quality management technology is applied, ensuring the precision, stable performance and excellent surface of the products.

品种齐全 Rich in Grades Variety

钢种覆盖常规奥氏体不锈钢、节镍奥氏体不锈钢、铁素体不锈钢、马氏体不锈钢、双相不锈钢以及沉淀硬化不锈钢等。

The steel grade is covered with conventional austenitic stainless steel, low-nickel-austenitic stainless steel, ferritic stainless steel, martensitic stainless steel , duplex stainless steel and precipitation hardening stainless steel.

快捷服务 Quick service

快速响应用户需求，为用户提供选材咨询、使用技术指导，并可根据用户的特殊需求进行个性化质量设计。

Responding rapidly to user requirements, provide users with suggestions on material selection and technical guidance. And providing users with personalized quality design according to the special requirements.

稳定供货 Stable supply

拥有稳定原材料采购渠道，使得各大生产系统稳定进行，同时支撑市场稳定供货。

The procurement of raw materials is stable, which stabilized the major production system and the market supply system.

长材客户群 Market customer

2016.12	2017.6	2017.9	2019.2	2019.9	2021.5	2021.5	2023.1
2507/S32760	347	303Cu	304MC	S30401	QN1803	S32001	304HC3
超级双相	奥氏体	奥氏体	奥氏体	奥氏体	奥氏体	经济型双相	奥氏体
不锈钢管	不锈钢管	不锈钢棒	不锈钢盘条	不锈钢棒	不锈钢棒材	不锈钢棒材	不锈钢线材
石油管线	锅炉钢管	汽车轴	紧固件	涡轮增压配件	汽车配件	C型槽道	汽车配件












4 质量保证 Quality Assurance

- 体系认证 System certification
- 质量保证 **Quality assurance**

体系认证System certification



2016年成功通过CNAS实验室认证

CNAS laboratory certification, 2016



2014年通过ISO9001国际质量管理体系认证

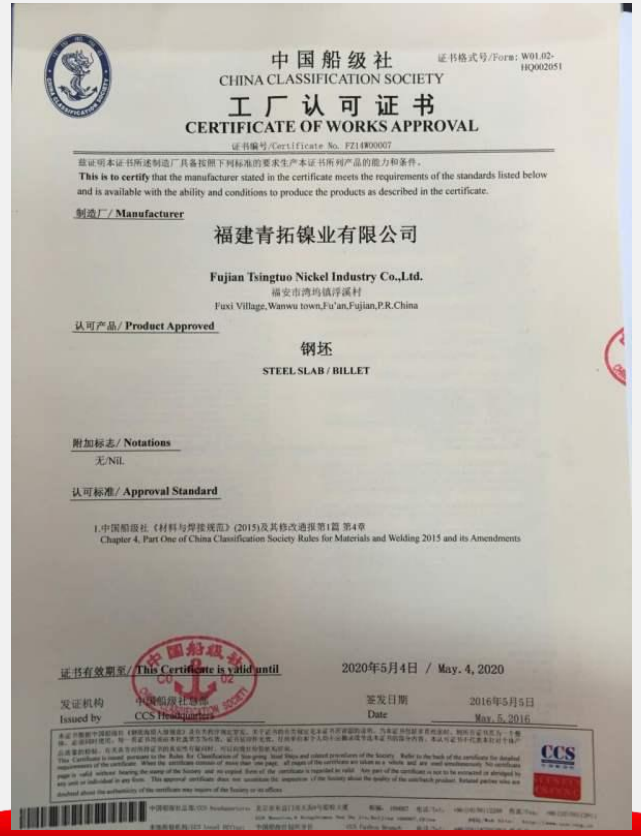
ISO9001 Quality Management System certification,2014



2014年通过测量管理体系认证

Measurement Management System certification,2014

体系认证 System certification



中国船级社 CHINA CLASSIFICATION SOCIETY

工厂认可证书 CERTIFICATE OF WORKS APPROVAL

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 as described in the certificate.

制造厂/ Manufacturer

福建青拓镍业有限公司

Fujian Tsingtuo Nickel Industry Co.,Ltd.

Fuxi Village,Wanwu town,Fu'an,Fujian,P.R.China

认可产品/ Product Approved

钢坯

STEEL SLAB / BILLET

附加标志/ Notations

无/Nil.

认可标准/ Approval Standard

Chapter 4, Part One of China Classification Society Rules for Materials and Welding 2015 and its Amendments

This Certificate is valid until 2020年5月4日 / May. 4, 2020

Issued by CCS Headquarters

Date 2016年5月5日 / May. 5, 2016

2016年通过中国船级社认证

China Classification Society certification, 2016



DNV·GL

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMMM000006R

This is to certify:

That

Fujian Dingxin Nickel Industry Co,. Ltd

Fuan, Fujian, China

is an approved manufacturer of

Steelmaking

in accordance with

Det Norske Veritas' Rules for Classification Pt. 2

and the following particulars:

Product: Semi-finished products: Blooms and ingots for rolling and forging stock

Steel type: Austenitic stainless

Steelmaking: Electric arc furnace, Continuous casting

Manufacturer approved by this certificate is accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until 2019-11-05.

Issued at Høvik on 2015-11-06

DNV GL local station: China South CMC/ SIO

Approval Engineer: Dechun Lou

for DNV GL

Hanne Anita Hjerpetjønn

Head of Section

2015年通过挪威船级社认证

Norwegian Classification Society certification,2015



ABS

CERTIFICATE NUMBER FDRY-T1404881-1

ISSUING OFFICE CN Shanghai SED B

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

FUJIAN TSINGTUO NICKEL CO., LTD

FUXI VILLAGE, WANWU TOWN, FU'AN, China, 355006

attend its facilities as indicated in the ABS CN Fuzhou Station port office survey report number 2912077 dated 14 July 2015 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Stainless Steel Casting components for marine applications

in accordance with the ABS Approval letter (Reference T1404881), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 13 July 2020 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland

Chief Metallurgist, ABS

ISSUE DATE: 14 July 2015

EXPIRY DATE: 13 July 2020

FIRST ANNUAL ENDORSEMENT:

SECOND ANNUAL ENDORSEMENT:

THIRD ANNUAL ENDORSEMENT:

FOURTH ANNUAL ENDORSEMENT:

MAR A CERT R1

2015年通过美国船级社认证

American classification society certification,2015

体系认证System certification



ZERTIFIKAT

Die Notifizierte Stelle - Kennnummer 0036 -
der TÜV SÜD Industrie Service GmbH

bescheinigt, dass die Firma

Tsingtuo Group Co., Ltd.
Wanwu Economic Development Zone,
Fu'an City, Fujian Province, 355006,
P. R. China

als Werkstoffhersteller für

Rundstäbe und Band aus austenitischen und Duplex Stählen

über ein zertifiziertes Qualitätsmanagementsystem
entsprechend Anhang I, Absatz 4.3 der Druckgeräterichtlinie 2014/68/EU,
AD 2000-Merkblatt W 0 sowie EN 764-5, Absatz 4.2

verfügt und dieses anwendet.

Der Geltungsbereich ist aus der Anlage ersichtlich.
Weitere Einzelheiten sind im Bericht Nr. 248068 genannt.

Das Unternehmen ist daher berechtigt, in Übereinstimmung mit der Druckgeräte-richtlinie 2014/68/EU Bescheinigungen über spezifische Prüfungen an den Werkstoffen im o.g. Geltungsbereich auszustellen. Eventuell weitergehende Anforderungen aus den angewandten technischen Spezifikationen zur Erfüllung des Anhanges I bleiben unberührt.

Das Zertifikat ist gültig bis Januar 2020.

Zur Aufrechterhaltung der Gültigkeit ist ein jährliches Überwachungsaudit erforderlich.

Zertifikat-Nr.: DGR-0036-QS-W 784/2017/MUC
München, 22. Februar 2017

Notified Body, Nr. 0036

(M. Strobel)
Zertifizierungsstelle
Werkstoff- und Schweißtechnik

EQ2740528 TÜV SÜD Industrie Service GmbH, Westendstraße 199, 80 686 München, Deutschland

2017年通过TUV AD2000认证

TUV AD2000 certification,2017



CERTIFICATE

The Notified Body - 0036 -
of TÜV SÜD Industrie Service GmbH

certifies that

Tsingtuo Group Co., Ltd.
Wanwu Economic Development Zone,
Fu'an City, Fujian Province, 355006,
P. R. China

has implemented, operates and maintains a

Quality Assurance System in accordance with the
Pressure Equipment Directive 2014/68/EU, Annex I, Section 4.3,
AD 2000-Merkblatt W 0 as well as EN 764-5, Para. 4.2

as a material manufacturer for the scope of

round bars and strip in austenitic and duplex stainless steel.

The scope of the approval is described in the annex to this certificate.
Further details are mentioned in report no. 248068.

The manufacturer is therefore authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 2014/68/EU. Possible additional requirements - specific to applied technical specifications to meet PED Annex I - are not affected.

This certificate is valid through January 2020.

In order to adhere the validity an annual surveillance audit is required.

Certificate No.: DGR-0036-QS-W 784/2017/MUC
Munich, February 22nd, 2017

Notified Body, No. 0036

(M. Strobel)
Certification Body
Material and Welding Technology

EQ2740528 TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

2017年通过TUV PED 4.3认证

TUV PED 4.3 certification,2017



CERTIFICATE FOR
PRODUCT CONFORMITY

Award to:

Tsingtuo Group Co., Ltd.

Wanwu Economic Development Zone, Fu'an City,
Fujian Province, 355006, P. R. China,

TÜV SÜD Industrie Service GmbH certifies that the above company has been assessed for Approval of its Production Facility for stainless steel round bar of S30400(304), S30403(304L), S31600(316), S31603(316L), S32100(321), S32205, S32750 and found that the products comply with the Standard: ASME SA479, SA484.
for stainless steel strip of S30400(304), S30403(304L), S31600(316), S31603(316L), S32100(321), S32205 and found that the products comply with the Standard: ASME SA240, SA480.

Subject to the continued satisfactory operation of the company, and to annually audits as per annexed ATTESTATION.

This Certificate is valid from : February 22nd, 2017

For a period of three years, ending : February 21st, 2020

Certificate No. : IS-SHA-250192

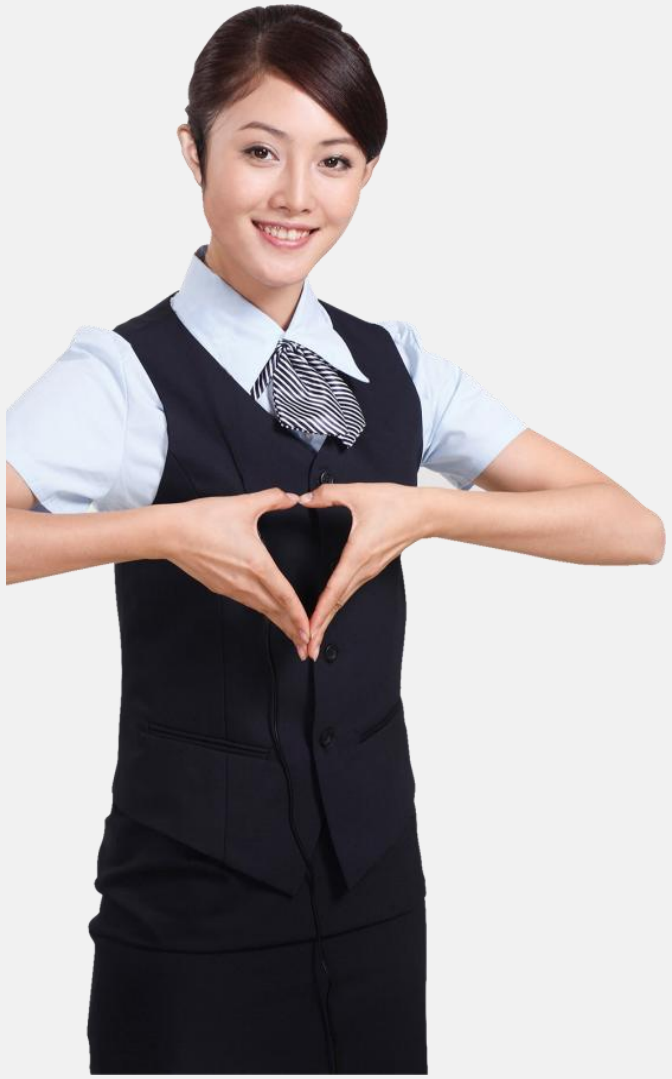
At: Shanghai, P. R. C
On: 2017-02-22

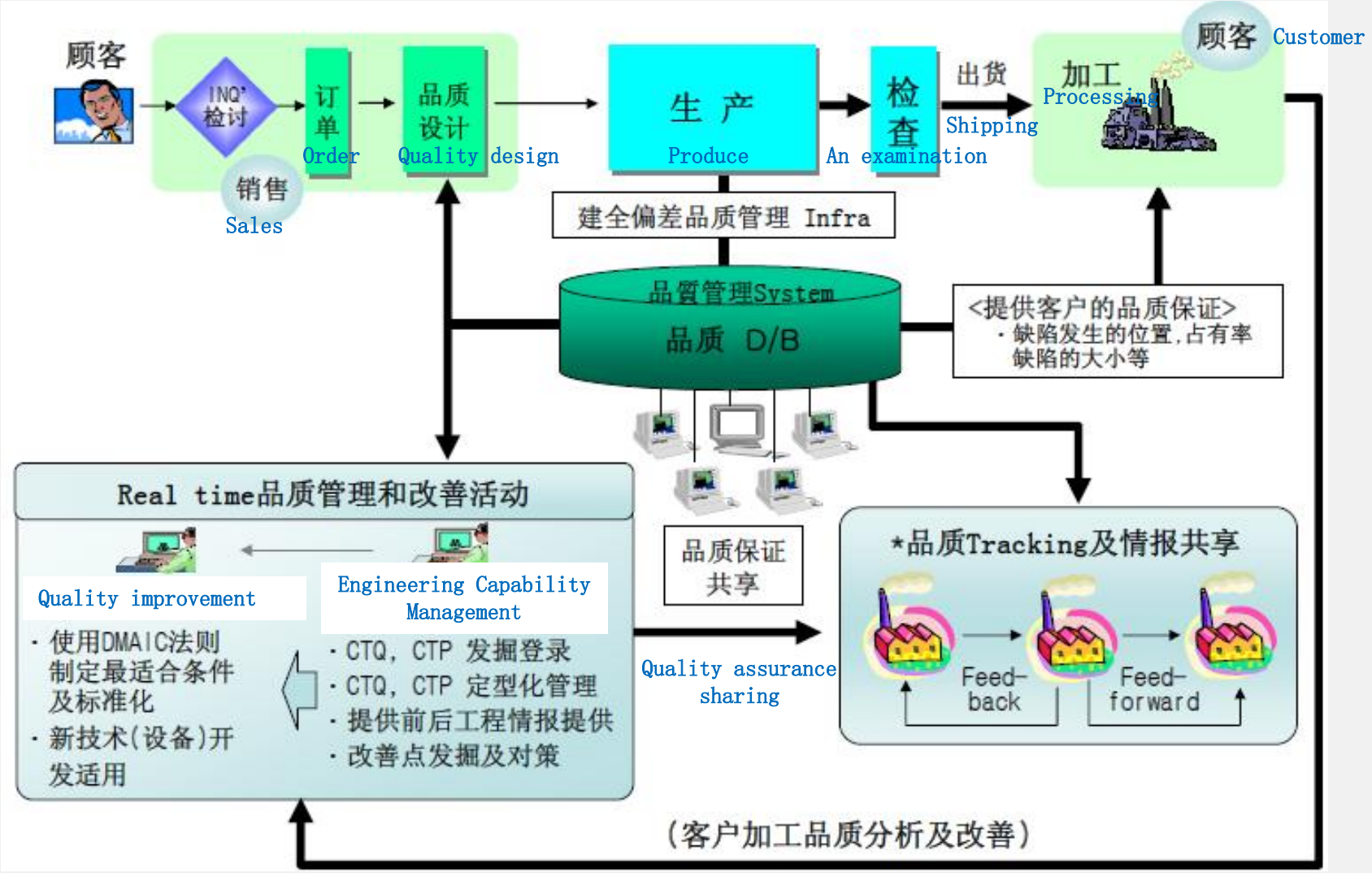
Signature:

2017年通过ASME认证

ASME certification,2017

质量保证Quality assurance







5

企业文化 Corporate Culture

- 企业文化
  Corporate Culture
- 团队风彩
  Team Life
- 联系我们
  Contact Information

企业文化Corporate Culture

打造成为百年青山，矢志成为世界知名不锈钢企业。

Build lofty mountain,Become a famous stainless steel enterprise in the world.

青山愿景

TsingShan's target

青山精神

TsingShan's mental

大胆创新、敢为天下先的超前意识。

Bold innovation, dare to be the first advance consciousness.

青山道德

TsingShan's moral

简单和谐、清廉正气的人际关系。

Simple, harmonious and honest interpersonal relationship



企业文化

青山团队

TsingShan's team

协同、合作、共赢的战略思想。

Cooperation and win-win strategy

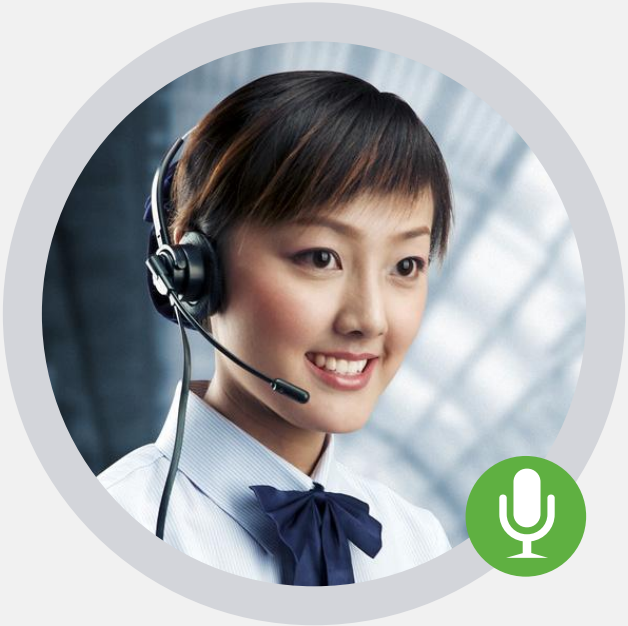
青山速度

TsingShan executive force

讲究速度和效益的执行力。

Pay attention to efficient execution.

联系我们Contact Information



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型材业务联系人（Section steel business）：王晓慧　　电话(Tel)：138 5889 3707

线材业务联系人（wire business）：　　王映潮　　电话(Tel)：139 6886 0811

地址：福建省福安市湾坞经济开发区

Address: Wanwu economic development zone, fu’an city, Fujian province

电话：0593-6600503

Telephone:0593-6600503

传真：0593-6600503

Fax:0593-6600503