

盛仕达钢铁股份有限公司
SHINESTAR STEEL INDUSTRIES CORPORATION

湖南佰仕达钢管有限公司
BESTAR STEEL CO., LTD



无缝钢管
SMLS PIPE
CATALOGUE



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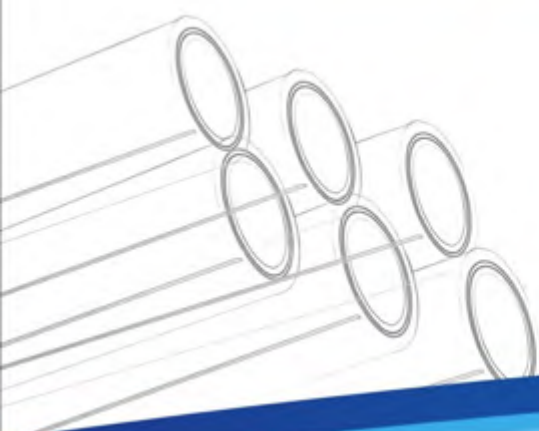
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善待客户，服务创新
善待员工，培养人才

customer well-treated, service innovated,
employee kindly-treated and talents cultivated.



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公司介绍 INTRODUCTION

盛仕达钢铁股份

盛仕达钢铁股份有限公司从1993年开始专营于钢铁产业，致力于为客户提供高科技含量和高附加值的钢铁产品。同时公司还开发了碳素钢和特种钢两条生产线。公司主要涉及三大产业：钢铁、高科技产业和国际贸易。我们的钢铁产品不仅迎合国内市场的需求，而且受到国外市场的广大欢迎。我们已经出口于全世界40多个国家和地区。我们公司拥有强大的营销网络，产品主要应用于汽车、家庭用品、石油化学产品、制药、能源、交通、金属制造和航空航天工程、核能以及电子仪器等领域。

公司下属无缝钢管工厂生产油气用管、压力容器用管、机械加工用管等各种用途的碳钢、合金钢无缝钢管，公司拥有19条冷拔钢管生产线，4条热轧钢管生产线，4条热扩钢管生产线，4条油套管加工生产线，1条钻杆加工生产线，2条钢管热处理生产线。无缝钢管生产加工规格范围覆盖 $\phi 8$ - $\phi 1200$ mm，壁厚为1-200mm，年生产钢管能力55万吨，石油专用管加工生产能力25万吨，热处理生产能力15万吨。

2005年后公司斥巨资兴建了 $\phi 114$ 、 $\phi 219$ 、 $\phi 660$ 等3条HFW直缝高频电阻焊钢管生产线， $\phi 813$ 、 $\phi 1422$ 等2条JCOE大口径直缝双面埋弧焊SAWL钢管生产线， $\phi 219$ - $\phi 4064$ 高钢级SAWH螺旋埋弧焊钢管生产线，FBE/2PE/3PP/3PE内外防腐生产线两条，焊管生产覆盖规格范围： $\phi 10.3$ - $\phi 4064$ mm，壁厚为1-80mm，年生产各类焊管能力50万吨，防腐管年生产能力200万平方米。进一步完善了产品结构，提升了产品科技含量，有效摆脱了低端产品的恶性竞争，为企业长远发展开拓出更广阔的空间。

佰仕达

佰仕达钢管有限公司是盛仕达钢铁股份有限公司旗下专业从事钢管出口业务的外资企业。为您提供各种钢级高性价比的无缝和焊接钢管。佰仕达已经建立了广泛的国际销售网络，客户遍及中东、东南亚、非洲及美洲等区域。我们是中国主要的石油专用管（OCTG）和石油天然气输送用管线的出口商之一，近年来我们钢管出口总量一直保持中国湖南省外贸行业钢管出口之冠。而我们将会通过不断扩展国际市场以实现持续增长。我们的目标是为客户提供专业优质的服务，并成为钢管行业的最可靠的合作伙伴。我们期待与您的合作！

About Shonestar Industries Corporation

Shonestar Steel Industries Corporation specializes in the line of iron and steel since 1993. The company produces premium iron and steel products with high technology contents and added value. Besides, we have fostered two major product lines—carbon steel and special steel. Our company mainly engages in three industries, iron and steel, hi-tech industries, and international trade. These steel products not only cater to the domestic demands but also enjoy overseas market welcome. We have exported to more than forty countries and regions all over the world. The company has extensive marketing network for different fields such as automobile, household appliances, petrochemical, manufacture of machinery, energy, transportation, metalwork, aeronautics and astronautics, nuclear power and electronic instruments.

The seamless pipe factories under Shonestar mainly produce various carbon seamless steel pipes, alloy seamless steel pipes, such as Oil and Gas Transmission Pipe, Pressure Use Pipes, Mechanical Tubing and so on. The company has 19 cold draw steel pipes lines, 4 hot rolled steel pipes lines, 4 hot expansion steel pipes lines, 4 tubing and casing processed steel pipes lines, 1 drilling pipes processed lines, 2 steel pipes heat treatments lines. The specification of seamless steel pipes outer diameter is $\phi 8$ - $\phi 1200$ mm, wall thickness is 1-200mm. The annual production capacity is 550 000 tons, tubing and casing processed pipes is 250 000 tons and the heat treatment pipes is 150 000 tons.

After 2005, the company founded 3 HFW lines of specification $\phi 114$, $\phi 219$, $\phi 660$, 2 JCOE SAWL lines of specification $\phi 813$, $\phi 1422$. And some SAWH lines of specification $\phi 219$ - $\phi 4064$; 2 inner and outer anti-corrosion lines of FBE/2PE/3PP/3PE. The outer diameter of welded pipes is $\phi 10.3$ - $\phi 4064$, the wall thickness is 1-80mm. The annual production capacity of every kind welded pipes is 500 000 tons, and the anti-corrosion annual capacity is 2000 000 square meters. These actions improve the production structure, enhance the production's scientific and technology, and avoid the low-end products' fierce competition and create a broader space for our enterprise long-term and far-reaching development.

About Bestar

As one of the subsidiary companies under Shonestar Steel Industries Corporation, Bestar is a dedicated provider and exporter for high performance-price ratio welded and seamless steel pipes covering various steel grades. Bestar has set up extensive international sales network covering Middle East, Southeast Asia, South Africa, Europe, the Americas etc. As one of the major exporters of OCTG and line pipe for crude oil and natural gas delivery in China, Bestar's exports of steel pipe has remained top in Hunan Province for years. And we will keep growing and expanding the global market. Our goal is to provide clients with professional & customized service, and become the most reliable solution in steel pipe trade. We look forward to co-operating with you!



工厂设备
Facilities & Equipments

热轧生产线 >>>
Hot Rolling Production Line



冷拔/冷轧生产线 >>>
Cold-drawn/Cold-rolled Production Line





钻杆加工生产线 >>>
Drill Pipe Threading Line



防腐生产线 >>>
Anti-corrosion Coating Production Line

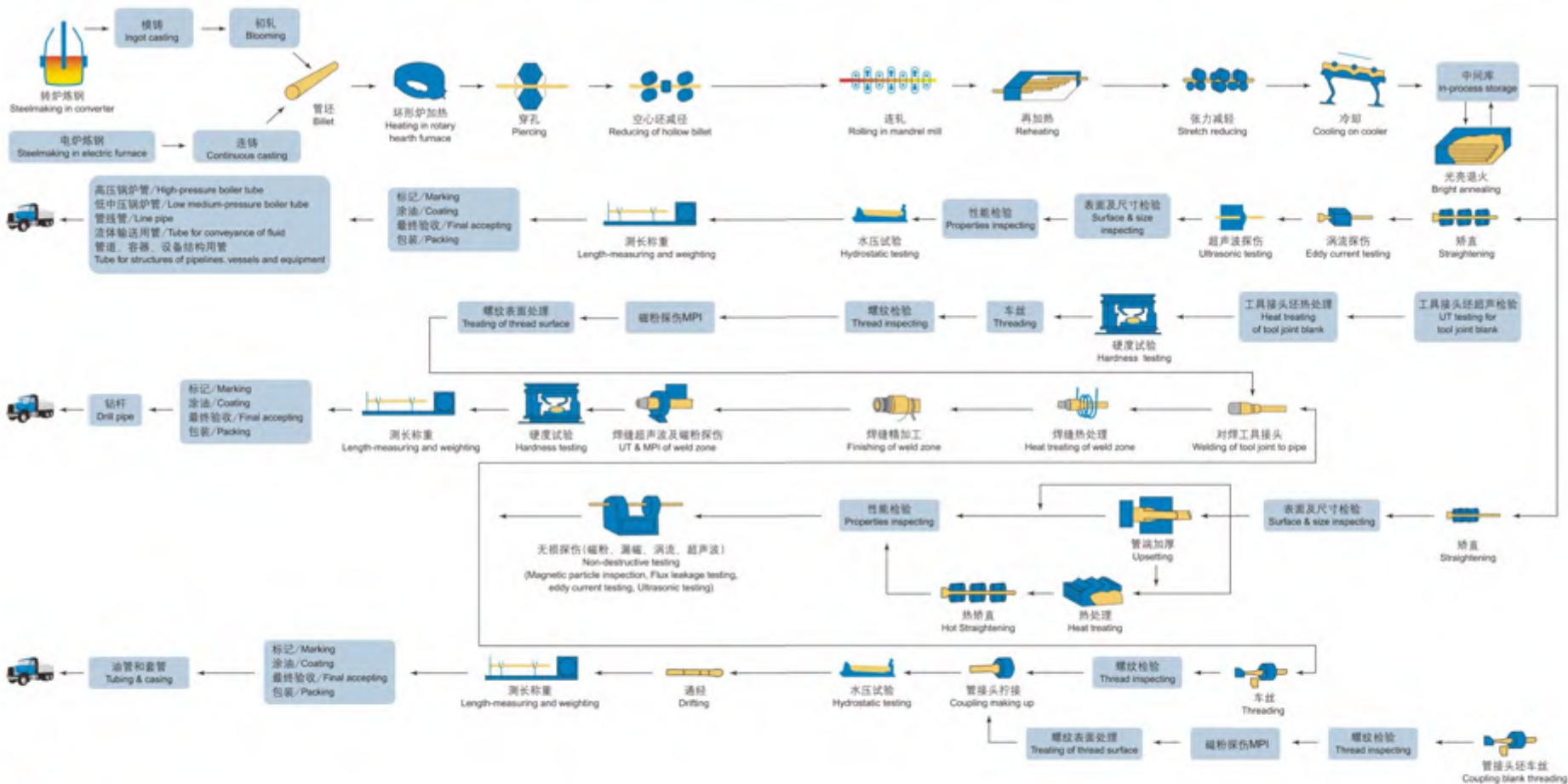


油套管加工生产线 >>>
Tubing and Casing Pipe Threading Line



生产工艺流程

Production Process Flow Chart



产品介绍

Product Introduction



油套管/Tubing and Casing

适用标准及供货技术条件

Standards and technical conditions for supply
API SPEC 5CT
ISO 13680

用途 Uses:

油管用于油井中抽取石油或天然气。
套管用作油气井的井壁。

Tubing is used for extracting oil and gas from wells, while casing for sidewall.
Casing serves as walls of a well.

规格 Dimension:

油管规格 Dimension of Tubing: OD 48.26~114.3mm WT 3.18~16mm
套管规格 Dimension of Casing: OD 114.3~508mm WT 5.21~16.13mm

钢级 Grade:

J40, J55, K55, M65, N80, C90, T95, C95, P110, Q125.

接箍 Coupling:

1. 标准接箍 Standard Coupling
2. 特殊间隙接箍 Special Clearance Coupling
3. 特殊倒角接箍 Special Bevel Coupling
4. 改进型带密封环接箍 API Modified Seal-Ring Coupling(SR13)
5. 组合接箍或异径接箍 Combination Coupling or Reducing Coupling

短节或连接管 Pup Joint or Connector:

包括所有油管规格、螺纹或其他组合。
All kind of sizes, thread or other combination of tubing and casing are supplied.



长度

Lengths
(m)

范围1/Range 1	范围2/Range 2	范围3/Range 3
油管/Tubing	6.10-7.32	8.53-9.75 11.58-12.80
套管/Casing	4.88-7.62	7.62-10.36 10.36-14.63
短节/Pup joint	0.5-6	



钻杆/Drill Pipe

适用标准及供货技术条件

Standards and technical conditions for supply
API SPEC 5DP

用途 Uses:

用于钻井 For Well Drilling

注: 1. EU-外加厚;IEU-内外加厚;IU-内加厚;

2. 工具接头螺纹有左旋螺纹和右旋螺纹两种;

3. 螺纹镀铜或磷化。

Note:

1. EU-External Upset IEU-Internal-External Upset IU-Internal Upset
2. Threads of tool joints are left-hand or right-hand.
3. Threads are copper-plated or phosphated.

钢级 Grade:

E75, X95, G105, S135.

钻杆接头耐磨带 The wear-resistant belt of tool joint:

Armos 100XT, 200XT, 300XT, 400XT

钻杆内涂层 Internal coating drill pipe:

TK34, DPX, TC2000, TC3000



规格 Dimension:

规格外径 Size designation	公称重量 Calculate d weight	工具接头型号 Tool joint designation	计算重量 Calculated weight		钢级 Grade	壁厚 Wall thickness		加厚形式(备注) Upset ends, for weld-on tool joints(see note)
			lb/ft	Kg/m		in	mm	
2 3/8"	6.65	NC26	6.26	9.32	E,X,G,S	0.280	7.11	EU
2 7/8"	10.40	NC31	9.72	14.48	E,X,G,S	0.362	9.19	EU
3 1/2"	13.30	NC38	12.31	18.34	E,X,G,S	0.368	9.35	EU
3 1/2"	15.50	NC38,NC40	14.63	21.79	E,X,G,S	0.449	11.40	EU
4"	14.00	NC40,NC46	12.93	19.26	E,X,G,S	0.330	8.38	IU,IEU
4 1/2"	16.60	NC46,NC50	14.98	22.31	E,X,G,S	0.337	8.56	EU,IEU
4 1/2"	20.00	NC46,NC50	18.69	27.84	E,X,G,S	0.430	10.92	EU,IEU
5"	19.50	NC50,NC52	17.93	26.71	E,X,G,S	0.362	9.19	IEU
5"	25.60	NC50.5 1/2FH	24.03	35.79	E,X,G,S	0.500	12.70	IEU
5 1/2"	21.90	5 1/2FH	19.81	29.51	E,X,G,S	0.361	9.17	IEU
5 1/2"	24.70	5 1/2FH	22.54	33.57	E,X,G,S	0.415	10.54	IEU
6 5/8"	25.20	6 5/8FH	22.19	33.0	E,X,G,S	0.330	8.38	IEU
6 5/8"	27.70	6 5/8FH	24.21	41.0	E,X,G,S	0.362	9.19	IEU



管线管/Line Pipe

标准 Standard:
API SPEC 5L ISO 3183 GB/T 9711.1
GB/T 9711.2 GB/T 9711.3

用途 Uses:
用于石油、天然气工业中的气、水、油输送
For conveying gas, water and oil either
in the oil or natural gas industries

规格 Dimension:
无缝管 SMLS: $\Phi 10.3-1016 \times 1.7-52\text{mm}$
焊管 WELD: $\Phi 219-2134 \times 5-52\text{mm}$

标准 Standard	钢管种类 Type of pipe	等级 Class	钢级 Grade
API SPEC 5L ISO 3183	无缝管 SMLS	PSL1	L245B, L290 X42, L320 X46, L360 X52 L390 X56, L415 X60, L450 X65, L485 X70
		PSL2	L245N BN, L290N X42N, L320N X46N L360N X52N, L390N X56N, L415N X60N L360Q X52Q, L390Q X56Q, L415Q X60Q L485Q X70Q
		PSL2 酸性环境 PSL2 Sour service	L245NS BNS, L290NS X42NS, L320NS X46NS, L360NS X52NS, L390NS X56NS, L415NS X60NS, L360QS X52QS, L390QS X56QS, L415QS X60QS, L485QS X70QS
	焊管 WELD	PSL1	L245B, L290 X42, L320 X46, L360 X52 L390 X56, L415 X60, L450 X65, L485 X70
		PSL2	L245M BM, L290M X42M, L320M X46M L360M X52M, L390M X56M, L415M X60M, L450M X65M, L485M X70M, L555M X90M
	GB/T 9711.1	无缝管 SMLS	-
焊管 WELD		-	L245, L290, L320, L360, L390 L415, L450, L485, L555
GB/T 9711.2	无缝管 SMLS	-	L245NB, L290NB, L360NB, L415NB
	焊管 WELD	-	L245MB, L290MB, L360MB, L415MB L450MB, L485MB, L555MB
GB/T 9711.3	无缝管 SMLS	非酸性环境 Non-sour service	L245NC, L290NC, L360NC
		酸性环境 Sour service	L245NCS, L290NCS, L360NCS
		非酸性环境 Non-sour service	L290MC, L360MC, L415MC L450MC, L485MC, L555MC
	焊管 WELD	非酸性环境 Non-sour service	L290MCS, L360MCS, L415MCS L450MCS, L485MCS
		酸性环境 Sour service	L290MCS, L360MCS, L415MCS L450MCS, L485MCS
		非酸性环境 Non-sour service	L290MCS, L360MCS, L415MCS L450MCS, L485MCS



防腐涂层/Anti-corrosion coating

目前公司从事钢管各类外涂层的项目,包括单双层FBE, 2PE, 3PE, 3PP或其他防腐层;公司执行DIN30670, DIN30671, DIN30678, CAN/CSA-Z245.21-M92, SY/T4013-2002, SY/T0315-97等标准。

Various steel pipe external coating projects are currently implemented by our company including single-layer/double-layer FBE, 2PE, 3PE, 3PP and other anti-corrosion coatings with the performed standards such as DIN30670, DIN30671, DIN30678, CAN/CSA-Z245.21-M92, SY/T4013-2002, SY/T0315-97 etc.

涂层类别 Coating Type	涂层 Coating Layer	涂层厚度 Coating thickness
3PP(三层聚乙烯) Three layer polyethylene	第一层: 环氧粉末 (绿色) Inside layer: epoxy(Green)	2.0-4.5mm
	中间层: 胶粘剂 (白色) Mid layer: adhesive(White)	
	最外层: 聚乙烯 (黑色) Outer layer: polyethylene(Black)	
	第一层: 胶粘剂	
2PE(两层聚乙烯) Two layer polyethylene	最外层: 聚乙烯 Outer layer: polyethylene	2.0-4.5mm
	中间层: 胶粘剂 Mid layer: adhesive	
	最外层: 聚乙烯 Outer layer: polyethylene	
FBE(环氧粉末) FBE	环氧粉末 Epoxy	200-400um
	环氧粉末 (绿色) Epoxy(Green)	
2FBE(双层环氧粉末) Two layer FBE	最外层: 增强型环氧粉末 (灰绿色) Outer layer: intensity epoxy(Sage green)	400-800um
	中间层: 环氧粉末 (绿色) Mid layer: epoxy(Green)	
	最外层: 增强型环氧粉末 (灰绿色) Outer layer: intensity epoxy(Sage green)	
3PP(三层聚丙烯) Three layer polypropylene	第一层: 环氧粉末 (绿色) Inside layer: epoxy(Green)	2.5-3mm
	中间层: 胶粘剂 (白色) Mid layer: adhesive(White)	
	最外层: 聚丙烯 (白色) Outer layer: polypropylene(White)	
	最外层: 聚丙烯 (白色) Outer layer: polypropylene(White)	

According to the different applications and customers' requirements, we can provide various coating and lining types conforming to various international standards.



流体输送用管/Tube for Conveyance of Fluid

标准 Standard:

ASTM A 53M
ASTM A 106M
JIS G 3454 JIS G 3455 JIS G 3456

用途 Uses:

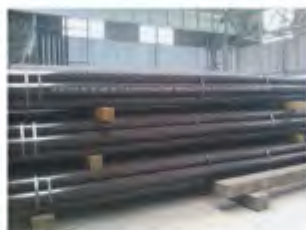
用于石油、天然气输送以及其他流体输送
For conveying oil, gas and other fluids

钢级 Grade:

标准 Standard	钢级 Grade
ASTM A 53 M	A, B
ASTM A 106M	A, B, C
JIS G 3454	STPG 370, STPG 410
JIS G 3455	STPG370, STPG410, STPG480
JIS G 3456	STPG.370, STPG410, STPG480

注: 经协商, 也可供应其他牌号的钢管。

Note: Other grades of steel pipe can be made available through consultations.



机械加工用管及其他 Machining Tube and others

机械用管和结构用管 Mechanical Tubing and Tube for Structures

标准 Standard:

Mechanical Tubing: ASTM A519 美国材料试验协会标准 ASTM A519
American Society for Testing Material
Tube for Structures: DIN 1629 德国工业标准 Deutsches Institut für Normung

用途 Uses:

Mechanical Tubing: 用于机械加工 Using for machining
Tube for Structures: 用于制造管道, 容器, 设备, 管件及钢结构 For
manufacture of pipelines, vessels, equipment, pipe fittings and steel structures.

钢级: Grade

Mechanical Tubing: 1010, 1020, 1045, 1518, 4118, 4130, 4135, 4140
Tube for Structures: S37.0, S44.0, S455, S452.0

钢级 Grade:

标准 Standard	钢级 Steel grade
DIN 17175	S355, S455, 15Mo3, UC/Mo44 10CrMo910, 14MoV63, 12Cr1MoV
ASTM A106M ASME SA-106	A106 B SA-106C
ASTM A192M ASME SA-192M	A192 SA-192
ASTM A179 ASME SA 179	A179 SA 179
ASTM A209M ASME SA-209M	A 209T1, A209T1b, A 209T1a SA-209T1, SA-209T1b, SA-209T1a
ASTM A 210M ASME SA-210M	A 210A1, A 210C SA-210A1, SA-210C
ASTM A335 ASME SA335	P1, P2, P5, P9, P11, P12, P21, P22, P23, P91, P92
ASTM A 213M ASME SA-213M	A 213 T2, A213 T11, A213 T12, A213 T22, A213 T23 SA-213 T2, SA213-T11, SA213-T12, SA213-T22, SA213-T23 A 213 T24, A213 T91, A213 T911, A213 T92, A213 T122 SA-213 T24, SA213-T11, SA213-T91, SA213-T92, SA213-T122 TP304H, TP321H, TP347H, S30432, TP310HC3N
EN 10216-2	P195GH, P235GH, P265GH, 16Mo3 10CrMo5-5, 13CrMo4-5, 10CrMo9-10, X10CrMoVNb9-1
JIS G 3461	STB 340, STB410, STB510
JIS G 3462	STBA12, STBA13, STBA20C, STBA22 STBA23, STBA24, STBA26
JIS G 3463	SUS304HTB, SUS321HTB



锅炉管/Boiler Tube

标准 Standard

美国机械工程师协会标准 American society of mechanical engineers
ASME SA-106, ASME SA-192M, ASME SA-209M, ASME SA-210M, ASME SA-213M, ASME SA-335M, ASME SA-179M
美国材料试验协会标准 American Society for Testing and Materials
ASTM A 106M, ASTM A 192M, ASTM A 210M, ASTM A 213M
欧盟标准 European Standards

EN 10216-2

德国工业标准 Deutsches Institut für Normung

DIN 17175

日本工业标准 Japanese industrial standards

JIS G 3456, JIS G 3461, JIS G 3462

用途 Uses

用于锅炉水冷壁, 省煤器, 再热器, 过热器和蒸汽管道的制造。
For manufacture wall panel, economizer, reheater superheater and
steam pipeline of boilers



注: 经协商, 也可供应其它牌号的钢管。

Note: Other grades of steel pipe can be made available through consultations.

产品规格 Available Dimension Range:

冷拔(冷轧)规格表 Cold Finished Seamless Tube and Pipe: Φ8-114.3 × 1-20mm

热轧规格表 Hot-rolled Steel Tube and

Pipe: Φ114.3-720 × 5-120mm

质量保证 Quality Assurance



公司获得了ISO9001质量管理体系证书
ISO14001环境管理体系证书
公司钢管产品获得的认证证书主要有:
油管、套管、钻杆和管线管等油田用管材获得美国石油协会API颁发的5CT、5DP、5L会标使用许可证
锅炉管获得压力管道元件特种设备制造许可证
结构管获得欧盟CE认证

Our company has been accredited with ISO9001 Quality Management System and ISO14001 Environmental Management System.
Main certifications for our steel pipe products comprise:
Oil tubing, casing, drill pipe and line pipe series branded with American Petroleum Institute's API Spec 5CT, API Spec 5DP and API Spec 5L respectively.
Boiler pipe licensed with National Pressure Pipe & Special Equipment Manufacturing Permit.
Structural pipe certified with CE.



检测设备 Detection equipment

公司为确保产品质量与合格产品出厂，斥巨资配置了一系列产品检测设备，如涡流探伤仪、在线超声波探伤仪、水压试验机，建立了检测中心、理化试验中心等，这些精密的检验设备，保证了合格产品的出厂。

Configured to ensure product quality and conformity of manufactured products, has invested heavily in a range of products testing equipments such as Universal Testing Machine, online ultrasonic flaw detector, tensile testing machine, the establishment of a testing center, physical and chemical test center, these sophisticated testing equipment to ensure that the qualified factory.



佰仕达已经建立了广泛的国际销售网络，客户遍及中东、东南亚、非洲及美洲等区域。我们是中国主要的石油专用管（OCTG）和石油天然气输送用管线的出口商之一，我们2010年、2011年的钢管出口总量创中国湖南省外贸行业钢管出口之最。而我们将会通过不断扩展国际市场以实现持续增长。

Bestar has set up extensive international sales network covering Middle East, Southeast Asia, South Africa, Europe, the Americas etc. As one of the major exporters of OCTG and line pipe for crude oil and natural gas delivery in China, Bestar's exports of steel pipe has remained top in Hunan Province for years. And we will keep growing and expanding the global market.



EGPC & Dublin Petroleum Project

Product Name	Standard	Grade	Size	Qty(MT)	Country
Tubing&Casing	API 5CT	N80Q	244.48*10.03 177.8*9.19 88.9*6.45	665	Egypt



ONGC Project

Product Name	Standard	Grade	Size	Qty(MT)	Country
Tubing&Casing	API 5CT	N80	88.9*6.45 177.8*9.19	1320	India



ONGC Project

Product Name	Standard	Grade	Size	Qty(MT)	Country
Casing	API 5CT	K55	508*12.7	1676	Nigeria



CPTDC Algeria Project

Product Name	Standard	Grade	Size	Qty(MT)	Country
Casing	API 5CT	K55	139.7*7.72	640	Algeria



CCED Pipeline Project: FARHA Water Injection

Product Name	Standard	Grade	Size	Qty(MT)	Country
SMLS	API 5L	Gr. B PSL2	114.3*8.56	335	Oman



Berths 8,9 Damietta Port Egypt

Product Name	Standard	Grade	Size	Qty(MT)	Country
SMLS	API 5L	Gr. B	168.3*4	496	Egypt



Construction of Seawater Cooling Pumphouse, Jubail

Product Name	Standard	Grade	Size	Qty(MT)	Country
SMLS	API 5L	X52 PSL2	4"-8" SCJ40/80	2000	KSA



Oman-Salah Port: Cargo & Liquid Terminal

Product Name	Standard	Grade	Size	Qty(MT)	Country
SMLS	API 5L	X52 PSL2	4"-8" SCJ40/80	2000	KSA

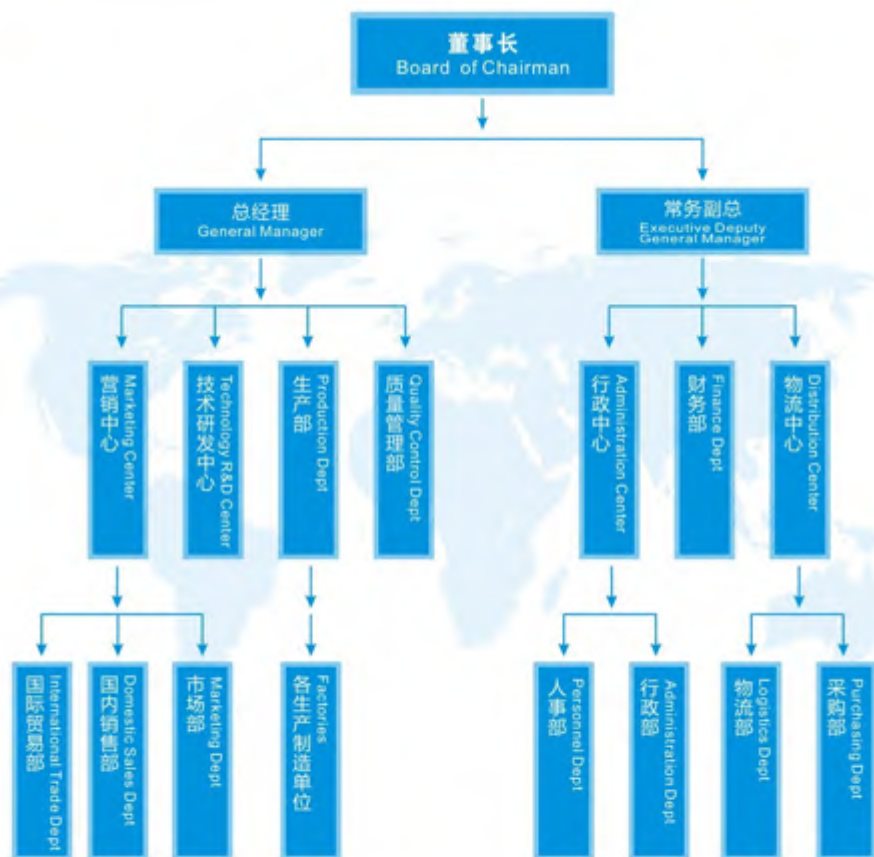




公司架构 Organization Framework

科学严密的组织结构，使得生产、销售、研发等每一环节构成系统化的作业流程，各工作团队高效率运转。

Under scientific organizational structure, producing, marketing and developing make up a systematical process, and the working staff running efficiently.



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