

方管\工业焊管\矩形管\洁净卫生管\弯头配件



中国·三丰管业有限公司
CHINA·SANFENG STEEL TUBE CO., LTD.



中国·三丰管业有限公司

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方管\工业焊管\矩形管\洁净卫生管\弯头配件
Square tubes\Industrial pipes\Rectangular tube\Sanitary tubes\Elbow fittings

合作共赢

Win-win cooperation



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关于三丰

ABOUT SANFENG

中国·三丰管业有限公司是一家从事不锈钢研发到生产、加工、销售为一体的综合性厂家，专业生产各种牌号规格的不锈钢精密钢管，大口径工业焊管，矩形管及不锈钢管件等不锈钢制品的生产销售企业，产品广泛使用于食品、饮料、啤酒、制药、化工、环保、工业等行业中，材质主要有301、304、304L、321、316、316L、310S等，产品规格外径从Φ16mm~Φ2500mm，壁厚0.8mm~30mm。

公司引进德国等离子焊接生产线包括：智能分条、笼式成型、内外焊道处理及整形、测径设备，制造设备齐全、工艺科学先进，为确保产品质量，我们配备了完善的检测设备，水压测试设备、X射线探伤、涡流探伤、光谱分析、化学分析、机械性能测试等装置，以保证公司严格按照GB、HG、ASTM、DIN、JIS等标准生产高质量的不锈钢焊管。

公司本着“质量为先、诚信为本”的宗旨，以“为客户创造价值”为经营理念向国内外客户提供优质的产品和服务！



About us

China. Sanfeng Steel Tube CO., Ltd.is a company engaged in stainless steel development to production, processing and sales of integrated manufacturers, specializing in the production of various grades of stainless steel precision steel pipe specifications, large caliber industrial pipe, rectangular pipe and stainless steel pipe and stainless steel products production and marketing enterprises, the products are widely used in food, beverage, beer, pharmaceuticals and the chemical industry, environmental protection, industry and other industries, the main material have 301, 304, 321, 316, 304L, 316L, 310S, product specifications from the outer diameter of phi 16mm~ Phi 2500mm, the wall thickness of 0.8mm~30mm.

German company to introduce the plasma welding production line include: intelligent slitting, cage shape, both inside and outside the weld and plastic handle, measuring equipment, manufacturing equipment, advanced science and technology, to ensure the quality of products, the new force is equipped with a sound detection equipment, test equipment, X ray inspection, eddy current testing, spectral analysis, chemical analysis, mechanical properties testing equipment, to ensure the company strictly in accordance with GB, HG, ASTM, DIN, JIS and other standards of production of high quality stainless steel welded pipe.

Based on the purpose of "quality first and sincerity based", the company provides quality products and services to customers both at home and abroad based on the concept of "creating value for customers".



CHINA · SANFENG CORRECT CHOICE 中国·三丰的正确选择

我们不仅通过超前的技术引领潮流，我们还注重客户未来的需要，我们超前的设计、思考与客户一起寻找从长远来看最实用、最经济的解决方案，一旦和三丰建立业务关系就意味着您找到了最可信赖的伙伴，您将得到长期来自三丰的支持。

在不同的工业领域，针对特定的腐蚀环境，我们选用不同的材料，对我们的材料专家，焊接技师和生产人员来说，特定方案中的新材料和加工过程中的新技术是他们对工作不断精益求精的新动力。

We not only through advanced technology to lead the trend, we also focus on the future needs of customers, design, and thinking of our customers ahead in the long run together to find the most practical and most economical solution, once the SANFENG force of establishing business relations and means to find the most reliable partner, you will get a long-term, from the new steel industry support force.

In different industrial fields, aiming at the specific corrosive environment, we use different materials, the material of our experts, welding technicians and production personnel, new materials and new technologies and process specific programs in the new power of work they continue to lean new.

欲善其事，先利其器 FOR GOOD WORK, THE FIRST OF ITS PROFITS

中国·三丰国际领先的生产及检测设备，匹配您世界级的眼光，在三丰，每一套先进设备，每一道独特的工艺，都凝结了我们精益求精的精神，三丰深深懂得，只有近乎完美的产品品质，才能始终如一地保证您的利益和价值，才是三丰承诺“成就您的价值”为内心涵。

三丰拥有多条焊管生产线，配备有在线固溶处理，水压机，涡流探伤，理化分析室。

三丰愿以优良的设备为您提供优质的产品。



China SANFENG international leading production and testing equipment, matching your world class vision, in the new force, every set of advanced equipment, each unique process, has condensed our spirit of excellence, SANFENG deeply understand, only near the perfect product quality, can always ensure your interests and value. That is the core connotation of new Cheng Li's commitment to "achieving your value".
SANFENG has a number of welded pipe production lines, equipped with online solid solution treatment, hydraulic press, eddy current testing, physical and chemical analysis room.
SANFENG is willing to provide excellent products with excellent equipment.



1. 原材料品质检测

原材料复检 (100% PMI)

原材料材质报告书检查

每炉批次化学成分复检

尺寸、公差检验

厚度检验

表面品质

1. Raw Material Control

Identity and marking of material
(PMI test 100%)

Conformity of material test
reports

Interior lab re-checking
(chemical&physical)
for each heat number

Dimensions&tolerance
Thickness checking

Surface quality

3. 成品检验

可进行无损探伤检验和破坏性检
测PMI检测 (100%的化学成分复核)

公差尺寸检查

唛头标识检查

X-射线检测检验

硬度检测

晶间腐蚀测试

超声波检测

光谱仪检测

金相检测

其他

3. Final Inspection

PMI test(100%)Tolerance test

Marking checking

X-ray examination

Hardness test

IGC corrosion testing

Ultrasonic test

Spectrum analysis

Metallographic tests

Others



2. 制造过程品质控制

生产流程卡的跟踪控制尺寸、
公差检验、控制

热处理 (炉温、时间) 控制

严格执行ISO和5S标准要求

炉号追踪体系

2. Manufacturing Control

Process procedure flowing
card(each lot)

Dimensional and tolerance
inspection

Heat treatment(temperature&time)control

Strictly following the ISO&5S requirements

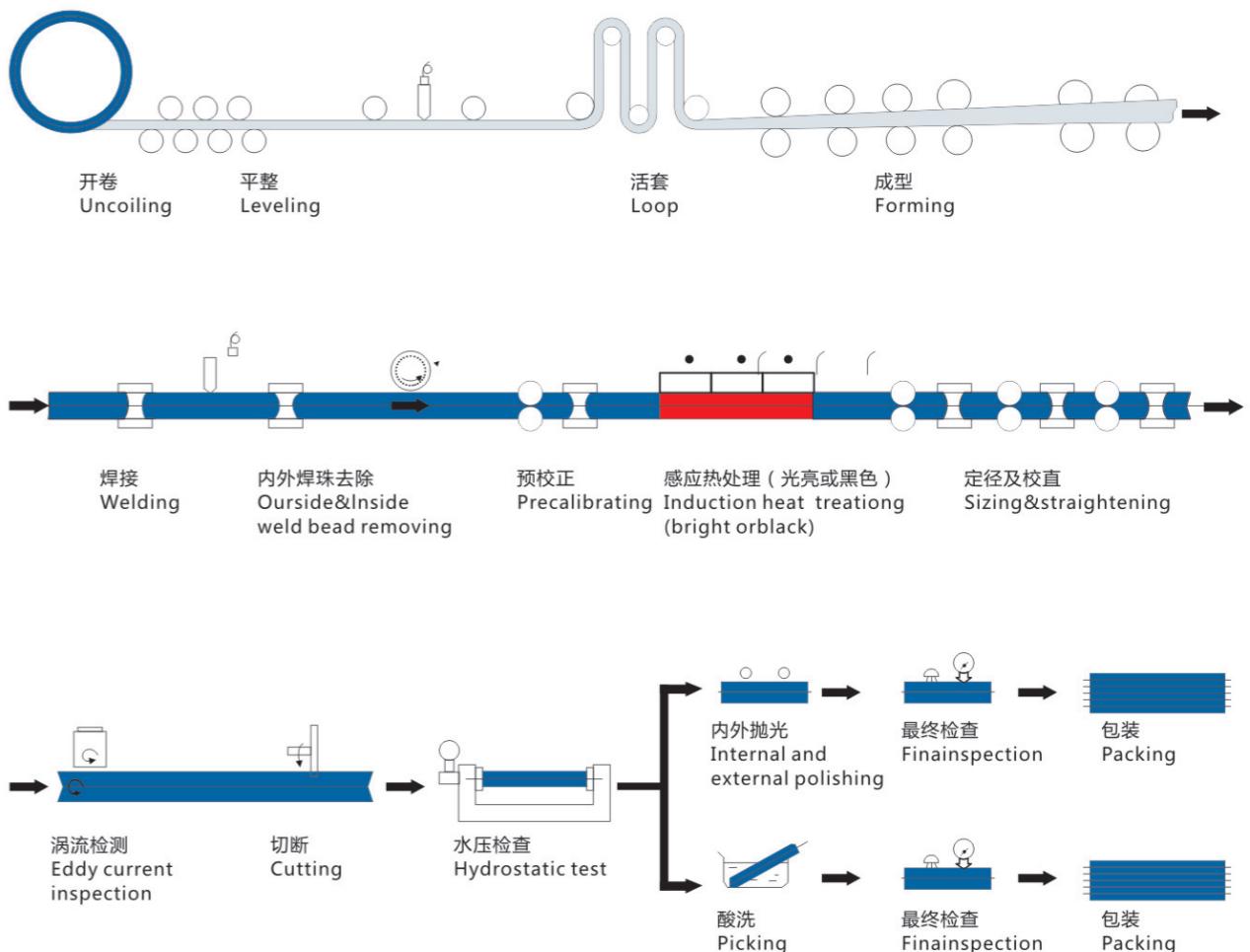
Furnace NO.Tracking System



精密焊管

PRECISION WELDED PIPE

■ 产品工艺流程图 Product crafts flow chart





Large Diameter Pipe Industry 大口径工业焊管

生产规格 (mm) : Φ6~325-0.5~12
成品长度 (m) : 0~15
产品材质 : 304、321、304L、316L、317L、304H、TP347、
KY704、2520、S32205等。
该产品主要适用于石油、化工、医药、化纤、核电和机械制造等行业。

Production specification (mm): 6~325-0.5~12
Finished product length (m): 0~15
Product material: 304, 321, 304L, 316L, 317L, 304H, TP347, KY704, 2520, S32205 etc...
The product is mainly used in oil, chemical, pharmaceutical, chemical fiber, nuclear power and machinery manufacturing industries.

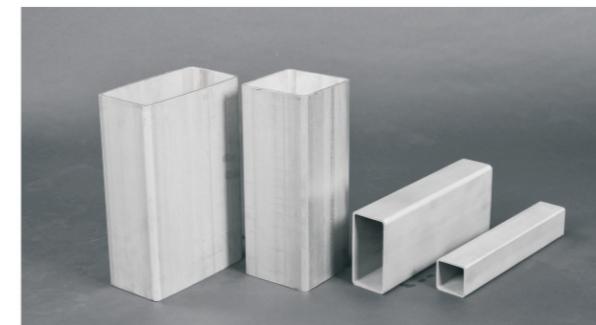


方形管、矩形管是以热轧或冷轧带钢或卷板为坯料经冷弯曲加工成型后再经高频焊接制成的型钢，广泛应用于建筑、机械、煤矿、化工、铁道车辆、汽车工业、公路、桥梁、集装箱、体育设施、农业机械、石油机械、探矿机械等制造工业。

方管执行标准：

1. 可执行GB6728-2002结构用冷弯空心型钢标准。
 2. 可执行JISG3466-88日本一般构造方矩管适应范围标准。
- 矩形管执行标准：GB/T12770

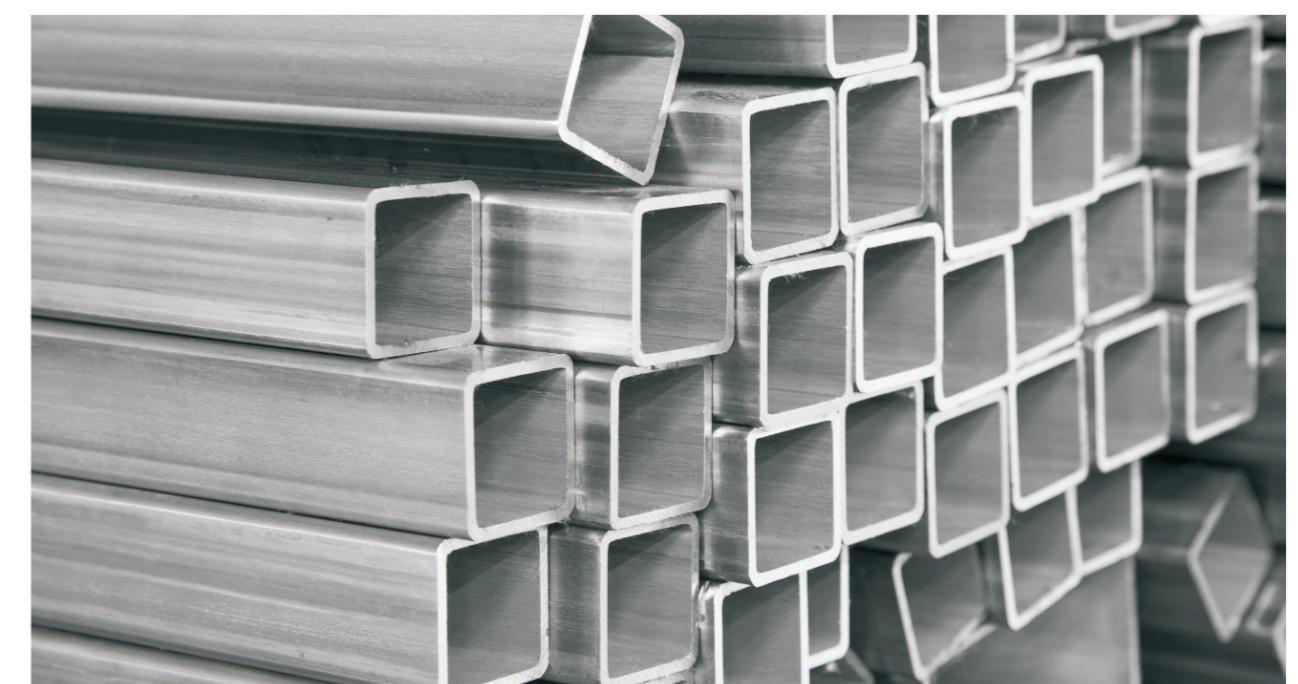
■ 方形/矩形管 Square/ Rectangular Tube

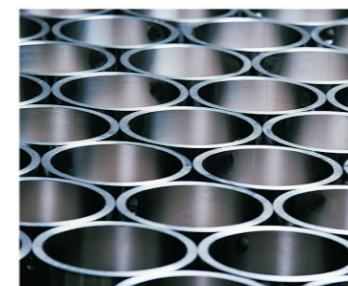


Square tube and rectangular tube are welded by hot rolling or cold rolled strip or rolling plate for cold bending and then high frequency welding. The formed steel is widely used in construction, machinery, coal mine, chemical industry, railway vehicle, automobile industry, highway and bridge. The manufacturing industries such as beams, containers, sports facilities, agricultural machinery, petroleum machinery, prospecting machinery and other manufacturing industries.

Square Tube Standard:

1. the GB6728-2002 structure can be used for cold bending hollow steel standard.
 2. the JISG3466-88 Japanese general construction square moment tube adaptation range can be implemented.
- Rectangular tube execution standard: GB/T12770





CHINA · SANFENG

中国·三丰管业

■ 卫生管配件 Sanitary Pipe-fittings

中国·三丰生产的各种管件连接系列产品有DIN、3A、SMS、ISO/DF、BS-RJT、DS等各标准系列，各系列管件配件有焊接、快装、螺纹与法兰四种常用连接方式与您的管道系统标准连接。

中国·三丰为配合客户的需求，致力于制造耐腐蚀、耐久性，焊接和组合可靠并有最高强度的安装材料，在每个制造过程都有严格误差控制，且管道连接件有多种表面处理方法，还有均一的外壳厚度。

CHINA · SANFENG The series of pipe fittings produced are DIN, 3A, SMS, ISO/DF, BS-RJT, DS and other standard series. Each series of fittings has four common connections with welding, fast loading, thread and flange connection with your pipe system standard.

CHINA · SANFENG In order to meet the customer's needs, it is committed to the manufacture of corrosion resistance, durability, reliable welding and combination with the highest strength of the installation material, with strict error control in each manufacturing process, and a variety of surface treatment methods for pipe connections, and the uniform thickness of the shell.

■ 应用范围 Applications

中国·三丰在设备的设计、施工方面以多年实际经验和高度的技术开发能力，努力提高设备的安全性、合理性、卫生性从而受到用户的不断惠顾。以工业为中心被广泛应用于石油、化工、冶炼、天然气、食品、医药、生物、造船、造纸、水利、电力、交通、化纤、航空、建筑等领域，并博得用户的无限依赖。

CHINA · SANFENG In terms of equipment design and construction, with many years of practical experience and high technology development capability, we strive to improve the safety, rationality and hygiene of the equipment, so that users are constantly patronizing. Centered on industry, it is widely used in petroleum, chemical industry, smelting, natural gas, food, medicine, biology, shipbuilding, papermaking, water conservancy, electric power, transportation, chemical fiber, aviation, architecture and other fields, and has gained users. The infinite dependence.



企业方针：

以管理的规范为基石，市场的拓展为平台，
产品的创新为砥柱，技术的进步为横梁，
品质的卓越为保障，构筑坚实辉煌的企业大厦。

Policy of enterprise

Take normative management as cornerstone, development of markets as platform, innovation of products as an indispensable role, advancement of technology as cross beam, excellent quality as assurance to build firm and splendid enterprise building.



■ 不锈钢化学成分 Chemical Composition of Stainless Steel

钢号 steel NO	标准 standard	碳C ≤	硅 Si≤	锰 Mn≤	磷 P≤	硫 S≤	镍 Ni	铬 Cr	钼 Mo	钛 Ti
06Cr19Ni10	GB	0.070	1.00	2.00	0.040	0.030	8.00-11.00	18.00-20.00		
SUS304	JIS	0.080	1.00	2.00	0.045	0.030	8.00-10.50	18.00-20.00		
304	AISI	0.080	0.75	2.00	0.045	0.030	8.00-10.50	18.00-20.00		
0Cr19Ni10	GB	0.030	1.00	2.00	0.035	0.030	8.00-12.00	18.00-20.00		
304L	AISI	0.030	0.75	2.00	0.045	0.030	8.00-12.00	18.00-20.00		
0Cr17Ni12Mo2	GB	0.080	1.00	2.00	0.035	0.030	10.00-14.00	16.00-18.50	2.00-3.00	
0Cr17Ni12Mo2	GB	0.030	1.00	2.00	0.035	0.030	12.00-15.00	16.00-18.00	2.00-3.00	
316L	JIS	0.030	1.00	2.00	0.045	0.030	12.00-15.00	16.00-18.00	2.00-3.00	
316L	AISI	0.030	0.75	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00	
OCr18NiOTi	GB	0.080	1.00	2.00	0.035	0.030	9.00-12.00	17.00-19.00		≥5xC%
SUS321	JIS	0.080	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00		≥5xC%

■ 温室力学性能 Greenhouse Mechanical Properties (according to ISO 2640/2 and 2640/5)

牌号 Item	屈服强度 N/mm ² ≥ Yield strength		抗拉强度 Tensile strength N/mm ²	伸长度 Elongation rate ≥% (5.65S ₀)	压扁试压 常数 C Flattening	弯曲试验 Bending D≤	扩口或卷边试验 (D0 的增量) %			洛氏硬度 hardness test HB ≤
	Rp0.2	Rp1.0					D1/D0比			
	≤0.6	>0.6≤0.8	>0.8							
TP340						-				
TP340L	195	235	490~690	30	0.09	3α	9	15	17	B90
TP316	205	245	510~710	30	0.09	-	9	15	17	B90
TP316L						3α				

注 : 1) 上述牌号的不锈钢管的参考热处理制度为淬火 , 温度 950-1100°C , 空冷或水冷。

2) 弯曲试验的弯芯直径不小于 6mm 。

3) 表中符号说明 : Rp0.2 : 0.2% 屈服强度 ; Rp1.2 : 1.0% 屈服强度 ; D : 弯芯最大直径 ; a: 试样厚度 ; Di 内径 ; D0 外径。

Note: 1) the referenc grade stainless steel heat treatment system as puenching temperature of 950-1100°C, air-cooled or water cooled.

2) Flexural bending test core diameter not less than 6mm.

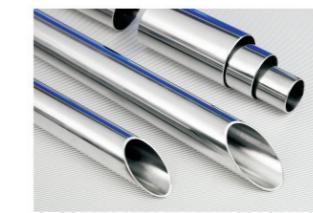
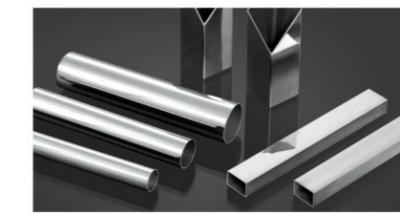
3) the symbol table shows : Rp0.2:0.2%yield strength;Rp1.2:1.0% yield strength; D:bending core diameter; a:the sample thickness;Di diameter;D0 diameter.

■ 不锈钢材料类型 Stainless Steel Materials

材料/material	美国	法国	德国	欧洲标准		中国 GB
	USA			Euroean Norm En 10217-7		
	钢号	AFNOR	DIN	分子式	钢号	
	Steel No			Symbolical	Steel No	
奥氏体 Austenitic	304	TSZ6 CN 18-09	WST 1.4301	X5CrNi18-10	1.4301	06Cr19Ni10
	304L			X2CrNi18-9		00Cr19Ni10
	304L	TSZ2 CN 18-10				
	304L		WST 1.4306	X2CrNi19-11	1.4306	
	316	TSZ6 CND 17-11	WST 1.4401	X5CrNiMo17-12-2	1.4401	0Cr17Ni12Mo2
	316L	TSZ2 CND 17-11	WST 1.4404	X2CrNiMo17-12-2	1.4404	00Cr17Ni14Mo2
			WST 1.4435	X2CrNiMo18-14-3	1.4435	
			WST 1.4436	X3CrNiMo17-13-3	1.4436	
	316Ti	TSZ6 CNDT 17-12	WST 1.4571	X6CrNiMo17-12-2	1.4571	
	317L		WST 1.4438		1.4438	
	321	TSZ6 CNT 18-10	WST 1.4541	X6CrNiTi18-10	1.4541	0Cr18Ni10Ti
	309S	X15CrNi24-13	WST 1.4833			
	310S	X8CrNi25-20	WST 1.4845			0Cr25Ni20

■ 表面亮度 Surface Finish

项目 Item	圆管 Circle Pipes		方管、短管 Foursquare&Rectangular Pipes	
	表面	说明	表面	说明
表面亮度 Surface finish	Mill finish	As weld	Mill finish	As weld
	180#	Buffed after polishing by 180#	180#	Buffed after polishing by 180#
	400#	Buffed after polishing by 400#	400#	Buffed after polishing by 400#
	600#	Buffed after polishing by 600#	180# Hairline	Hairling finished after polishing 180#
	180# Hairline	Hairling finished after polishing 180#	240# Hairline	Hairling finished after polishing 240#
	240# Hairline	Hairling finished after polishing 240#		





■ 营销领域 Marketing field

经营之道，战略为首。三丰企业以品牌兴业、现代化管理机制为战略，不断改革创新、与时俱进，立创不锈钢行业一流品牌。

在积累人才、技术、品牌和规模优势的基础上，重点加强了市场的建设，并逐步地由一、二级市场的基础上重点开拓三级市场。目前，三丰在全国二十多个省、市建立了完善的销售网络及专卖网络，并远销中东、东南亚、欧美等国家和地区。

Business takes the strategy as first. SANFENG Enterprise develops with brand, regards modern management system as strategy, and continuously reforms and innovates with the times to create the top brand in stainless steel industry.

On the basis of accumulating talents, technology, brands and dimensions, SANFENG also strengthens the construction of markets, and develops the third class markets on the basis of first-class and secondary markets. At present, XINZHENG has already established perfect marketing nets and monopolization nets. The products are exported to the countries and areas of Middle East, Southeast Asia and occident etc.



展望未来 *looking into the future*

放眼未来，我们已做好充分的准备，将未来十年中实现卓
越发展，我们的产品具有前所未有的强大，我们已提高了满足
客户需求的能力，在新产品、技术和服务方面将继续加大投入，
我们服务的许多关键行业都存在广阔的市场前景：生物工程、
啤酒、制药、食品、饮料、轻纺、石化等行业。

Looking ahead, we are fully prepared to achieve excellence in the development for the next ten years, our products have hitherto unknown strong, we have improved the ability to meet customer demand, in new products, technology and services will continue to increase investment in key industries, many of our services have broad market prospects: biological engineering, beer, food, beverage, pharmaceutical, textile, petrochemical and other industries.