



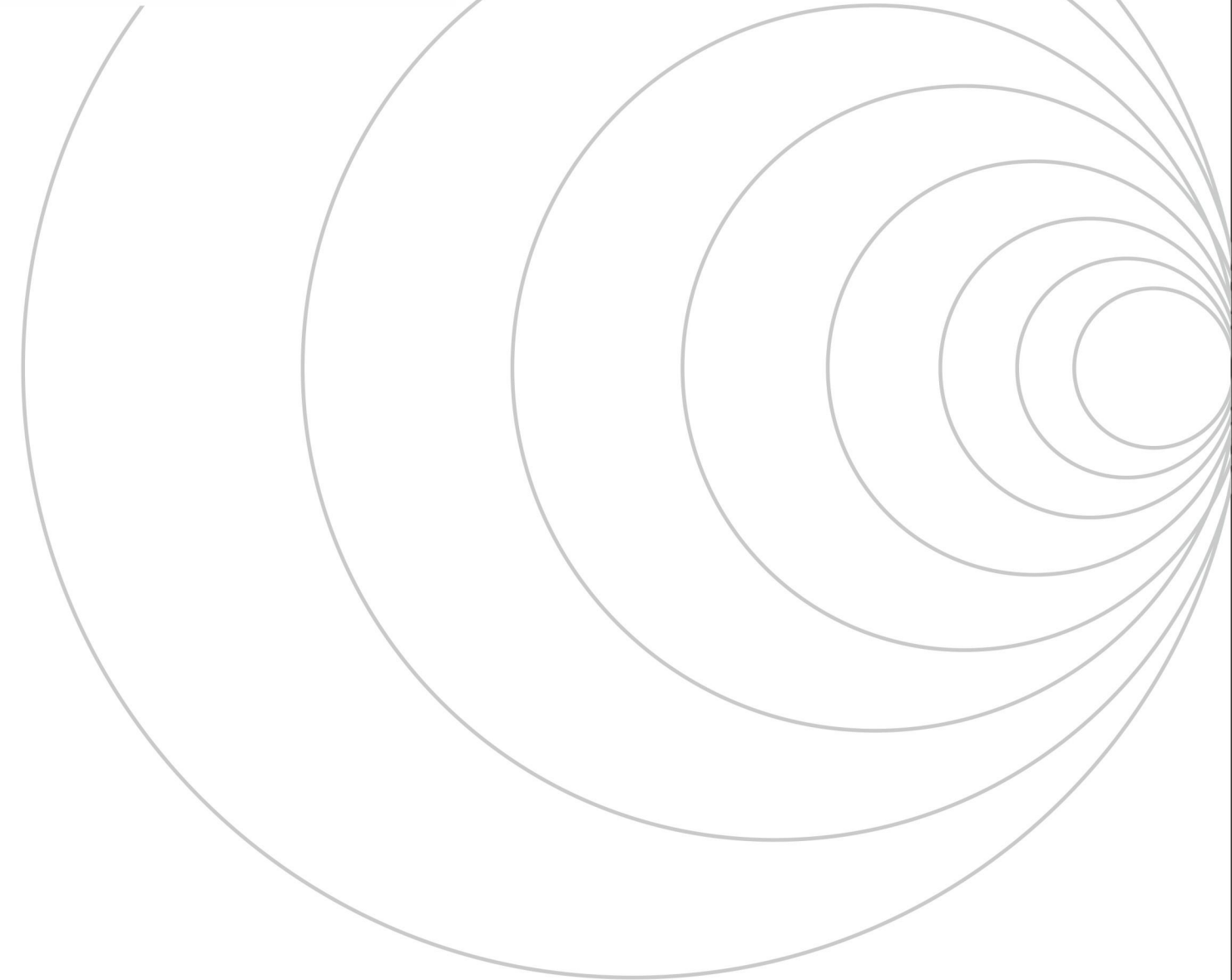
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吴忠仪表

Since 1959

日天忠

铸就控制阀第一品牌

吴忠仪表

吴忠仪表集团

Since 1959

Creating The First Brand Of Control Valves



Directory

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FOOTPRINTS OF CROSS-CENTURY

跨世纪的足迹

吴忠仪表经过六十多年的发展，在立足自主创新的基础上，通过引进消化吸收再创新，产品技术水平具备国际竞争力，始终引领民族企业参与国内外项目竞争，系国家振兴装备制造业的骨干企业之一。

After more than 60 years of development, on the basis of independent innovation, Wuzhong Instrument has achieved international competitiveness in product technological level through introduction, digestion, absorption and innovation. We have always led national enterprises to participate in the competition of domestic and foreign projects. Our company is one of the backbone enterprises that invigorate China's equipment manufacturing industry.



Wuzhong Instrument Co., Ltd. 吴忠仪表有限责任公司

承载历史之使命的控制阀专业制造商
六十多年不懈努力是我们对品质最好的承诺
探索超越自我，为您提供更好的选择

A professional manufacturer of control valves carrying historical missions
More than 60 years of unremitting efforts are our commitment to the best quality
Surpassing ourselves to provide you with better options

Building a world-class control valve production
base and control valve scientific research base
with international competitiveness

建设具有国际竞争力的
世界级控制阀生产基地和控制阀科研基地



Company Profile

企业概况

吴忠仪表有限责任公司始建于1959年，是中国控制阀行业的龙头企业，在60多年的发展过程中，始终坚持“专业、专注、创新、超越”的发展理念，通过科技创新和管理创新，实现了企业的转型发展和智能制造。

公司产品主要服务于（石油、天然气、煤、盐、碱）化工、冶金、电站、油气储运、轻工、船舶、水系统等流程工业自动控制领域。在我国2000万吨/年炼油，120万吨/年乙烯，1000万吨/年炼钢，100万KW火电，西气东输、中俄东线等重大装备制造中发挥着重要作用，实现多类控制阀产品的进口替代。

未来，公司将继续以科技创新为引领，创新服务模式，提升品质管理，加大人才培养，实现新产品的产业化，加快推进吴忠仪表阀门在核电、水下作业、船用、LNG等领域的应用，力争在高端阀门应用领域取得新突破，把我国控制阀产业做精做强。



吴忠仪表有限责任公司
 Wuzhong Instrument Co., Ltd.

Founded in 1959, Wuzhong Instrument Co., Ltd. is a leading enterprise in China's control valve industry. During its development for more than 60 years, by always adhering to the development concept of "professionalism, devotion, innovation, and transcendence", our company has realized its transformation and development and intelligent manufacturing through technological innovation and management innovation.

Our products are mainly used in (petroleum, natural gas, coal, salt, alkali) chemical industries, metallurgy, power station, oil & gas storage and transportation, light industry, ship, water system and other process industrial automatic control fields. Our company plays an important role in the manufacturing of key equipment in such projects as 20,000,000 tons/year oil refining project, 1,200,000 tons/year ethylene project, 10,000,000 tons/year steelmaking project, 1,000,000 KW thermal power project, West-East Gas Pipeline Project, China-Russia East-Route Pipeline Project, etc., realizing the replacement of various imported control valves.

In the future, our company will continue to take technological innovation as the guide, innovate service modes, improve quality management, strengthen talent training, so as to realize the industrialization of new products and accelerate the application of Wuzhong Instrument's valves in nuclear power, underwater operations, marine, LNG and other fields, striving to make new breakthroughs in the field of high-end valve applications and make China's control valve industry more specialized and stronger.

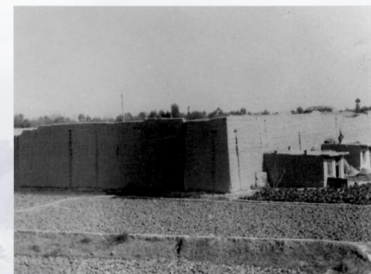


Development History

发展历程

半个多世纪凝聚了几代吴仪人的辛劳和心血，通过不懈拼搏，吴忠仪表励精图治发展成为国内控制阀研发、生产、销售、技术服务于一体的大型现代化企业。

Through hardworking and unremitting efforts of Wuzhong Instrument personnel for more than half a century, Wuzhong Instrument has been making great efforts to develop into a large-sized modern enterprise in China integrating R&D, production, sale and technical service of control valves.



成立吴忠仪表厂
In 1959, Wuzhong Instrument Factory was established.



**三线建设期间
由上海搬迁至宁夏**
In 1965, our company was moved from Shanghai to Ningxia during the period of the Third Front Movement.



从日本引进控制阀技术，开始第一次引进技术再创新
In 1980, our company introduced control valve technology from Japan, and started technical innovation for the first time.



国家主席江泽民来公司考察，成为西部大开发主要力量
In 2000, former Chinese President Jiang Zemin visited our company and our company was appointed as a main force in the Western Development.



李克强总理到公司参观考察
In 1997, Premier Li Keqiang visited our company.



与宁夏发电集团重组
In 2006, our company was reorganized with Ningxia Power Generation Group.



从德国引进控制阀技术，进行第二次引进技术再创新
In 2002, our company introduced control valve technology from Germany, and started technical innovation for the second time.



全面建成控制阀智能制造新工厂
In 2016, a new factory for intelligent manufacturing of control valves was fully built.



成为中国自动化集团全资子公司
In 2010, our company became a wholly-owned subsidiary of China Automation Group.



荣获中国标杆智能工厂，揭榜中国智能制造示范工厂
Winning such honors as Chinese Model Smart Factory and Chinese Model Factory for Smart Manufacturing

1959

1965

1980

1997

2000

2002

2006

2010

2016

2021

Research And Development Platform

研发平台

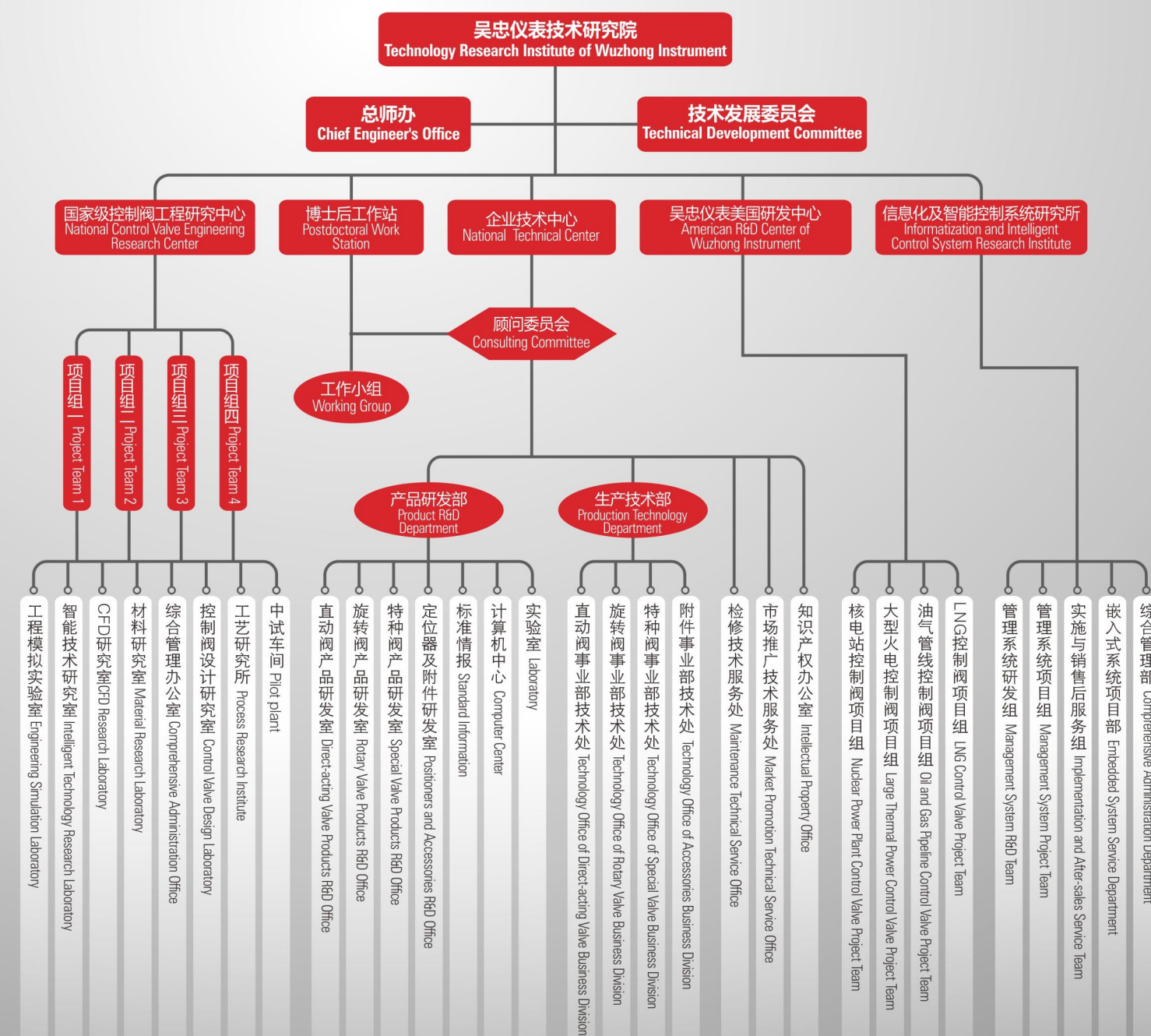


Projects at national, provincial and ministerial levels undertaken and achievements

承担国家/省部级项目课题及取得的成果

吴忠仪表技术研究院，聚集了中国流体控制系统行业的技术精英和优秀专家。数项科研成果填补了国内空白，多项控制阀技术达到世界先进水平，实现了国产关键控制阀产品的进口替代。

Wuzhong Instrument Technology Research Institute gathers technical elites and outstanding experts in China's fluid control system industry. Several scientific research achievements have filled domestic blanks, and many control valve technologies have reached the world's advanced level, realizing the replacement of imported products by homemade key control valves.



获国家科技进步奖 **2** 项
省部级科技进步奖 **21** 项
Awarded 2 national scientific and technological progress prizes
21 scientific and technological progress prizes at provincial and ministerial levels

取得授权专利 **600** 多项
Granted more than 600 patents

承担国家重点研发计划，国家“863”项目，
国家重大专项，国核重大专项等。
Undertaking national key R&D programs, national “863” program,
national major projects, national nuclear major projects, etc.

现有工程技术人员280人，其中：正高级工程师16人，
高级工程师60人，工程师117人，高级技师16人，博士8人，
硕士36人。中国工程院院士1人，享受国务院及自治区政府津贴10人，
塞上英才3人，国家级及自治区青年拔尖人才10人。
Now we have 280 engineering technicians, including: 16 professor-level senior engineers,
60 senior engineers, 117 engineers, 16 senior technicians, 8 doctors and 36 masters.
1 academican of Chinese Academy of Engineering, 10 experts enjoying special allowances
of the State Council and the autonomous region government, 3 outstanding talents,
and 10 young top-notch talents at national and autonomous region levels.

Enterprise Honors

企业荣誉

近年来吴忠仪表先后荣获多项国家及省部级科学技术进步奖：

国家科学技术进步一等奖：400万吨/年煤间接液化成套技术创新开发及产业化项目

国家科学技术进步二等奖：高端控制阀关键技术自主创新和产业化项目

中石油和化工科学进步特等奖：400万吨/年煤间接液化关键技术与重大装备开发及应用项目

中国机械工业科学技术一等奖：粉煤气化工艺高压浓相粉煤控制阀关键技术及应用

中国机械工业科学技术一等奖：深海高性能海水液压元件关键技术及应用

宁夏科学技术重大贡献奖：煤炭间接液化核心技术及关键技术装备重大创新

宁夏科学技术进步一等奖：APTS煤化工用温压调节装置项目

宁夏科学技术进步一等奖：高参数智能新型对流降压系列调节阀研究开发及产业化

宁夏科学技术进步一等奖：超大口径高硬度全金属密封高性能蝶阀设计制造工艺攻关及产业化

宁夏科学技术进步一等奖：天然气调压系统关键控制阀

宁夏科学技术进步二等奖：V2200全压差耐磨防堵V型调节阀

In recent years, Wuzhong Instrument has won a number of scientific and technological progress prizes at national, provincial and ministerial levels:

First Prize of National Scientific and Technological Progress Award: 4,000,000 tons/year indirect coal liquefaction packaged technology innovation, development and industrialization project.

Second Prize of National Scientific and Technological Progress Award: high-end control valve key technology independent innovation and industrialization project.

Special Prize of China Petroleum and Chemical Industry Federation Scientific Progress Award: 4,000,000 tons/year indirect coal liquefaction key technology and major equipment development and application project.

First Prize of China Machinery Industry Science and Technology Award: key technology and application of high-pressure dense-phase pulverized coal control valve in pulverized coal gasification process.

First Prize of China Machinery Industry Science and Technology Award: key technology and application of deep sea high-performance seawater hydraulic components.

Ningxia Science and Technology Major Contribution Award: core technology and major innovation in key technology and equipment for indirect coal liquefaction.

First Prize of Ningxia Scientific and Technological Progress Award: APTS coal chemical temperature and pressure control device project.

First Prize of Ningxia Scientific and Technological Progress Award: research, development and industrialization of high-parameter intelligent new convection pressure-reducing series control valve.

First Prize of Ningxia Scientific and Technological Progress Award: design, manufacturing and industrialization of large-diameter, high-hardness, all-metal-sealed, high-performance butterfly valves.

First Prize of Ningxia Scientific and Technological Progress Award: key control valves of natural gas pressure control systems.

Second Prize of Ningxia Scientific and Technological Progress Award: V2200 full differential pressure wear-resistant and anti-blocking V-type control valve.



Enterprise Qualification

企业资质

体系认证:

GB/T 19001-2016 / ISO 9001:2015 质量管理体系认证
GB/T 24001-2016 / ISO 14001:2015 环境管理体系认证
GB/T 45001-2020 / ISO 45001:2018 职业健康安全管理体系认证
民用核安全设备设计和制造许可证

产品认证:

TS特种设备生产许可证
辐射安全许可证
API 6FA/API 607防火认证
API 6A/ API 609/API 6D/API 6DSS/API 17D产品认证
SIL安全功能认证
挪威船级社DNV认证
法国船级社BV认证
阀门微泄漏 ISO15848
CE欧洲压力容器认证
CCC认证 (定位器、行程开关、电磁阀等)

材料认证: PED指令

实验室认证: CNAS认证

System Certification:

GB/T 19001-2016 / ISO 9001:2015 Quality Management System Certificate
GB/T 24001-2016 / ISO 14001:2015 Environmental Management System Certificate
GB/T 45001-2020 / ISO 45001:2018 Occupational Health And Safety Management System Certificate
License for the design and manufacture of civil nuclear safety equipment

Product Certifications:

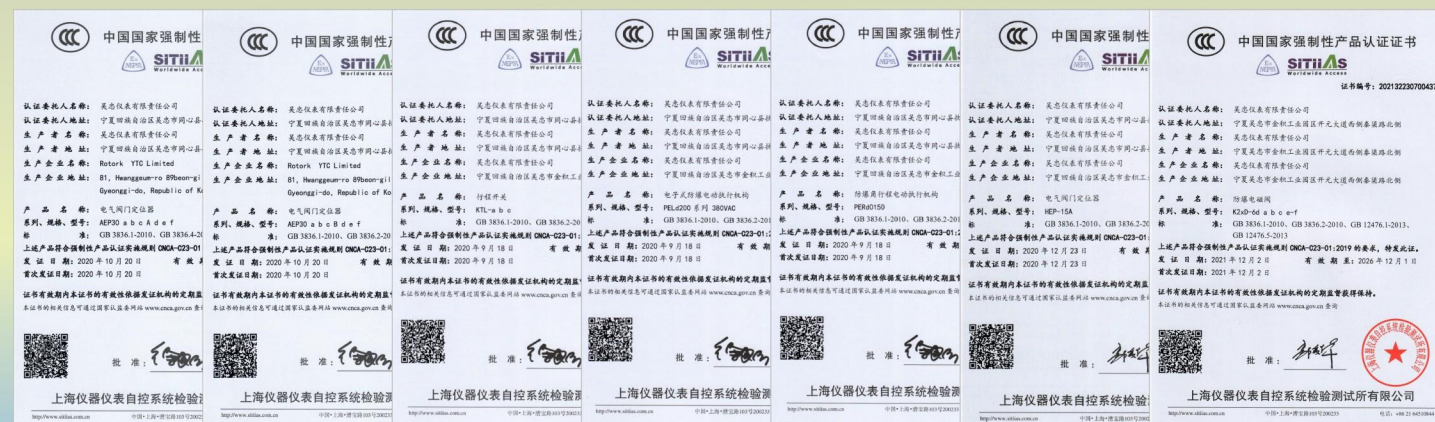
TS Special equipment production license
Radiation Safety License
API 6FA/API 607 Fire Certification
API 6A/ API 609/API 6D/API 6DSS/API 17D Product Certifications
SIL Certification of safety functions
DNV certified
BV Certified by the French Bureau of Shipping
Valve micro-leakage ISO15848
CE European Pressure Vessel Certification
CCC certification (Positioners, Limit switches, solenoid valves, etc)

Material Certification: PED Directive

Laboratory certification: CNAS certification

More than 60 years of unremitting efforts
are our commitment to the best quality

六十多年不懈努力是
我们对品质最好的承诺



Inspection & Testing

检验测试

吴忠仪表采用精益化生产的6S管理模式，以生产高精度的控制阀为目标，以装备自动化为基础，采用先进多功能流量试验台、试验检测设备精心检测，现有各类型试验室12个，面积2000多平方米，拥有各工段、各类型试验、实验、测试仪器设备2000余台，确保产品质量稳定可靠。

Wuzhong Instrument adopts the 6S management mode of lean production, aims to produce high-precision control valves, takes equipment automation as the basis, and uses advanced multi-functional flow test benches and inspection and testing equipment to carry out careful testing. With 12 laboratories of various types covering an area of more than 2,000 square meters, our company is provided with more than 2,000 sets of experimental and testing equipment of different types for different work sections to ensure stable and reliable product quality.



First class inspection equipment ensures excellent quality.
一流检测设备确保一流的品质



产品生产制造全流程检验试验

Inspection and testing during the whole product manufacturing process



Key laboratory for fluid control equipment and technology,
Obtaining the CNAS Accreditation Certificate.

流体控制装备及技术重点实验室，
荣获CNAS实验室认可证书。



Test Conditions

试验条件



01 超大口径阀门流量测试装置 (国内最大)

Large-diameter valve flow testing device (the largest in China)

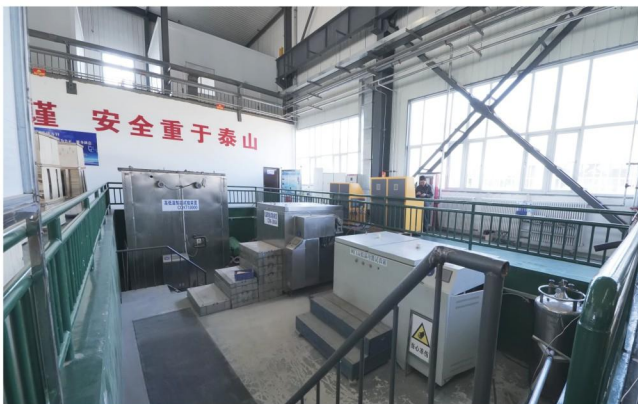
试验标准: GB17213.10、JB/T5296、BSEN1267:1999
试验阀门公称口径: DN15~DN1000
测试流量范围: 0.005 m³/h~15000 m³/h
循环水池容积: 2500m³
试验阀门公称压力: Class150~Class2500
测试压差: 0.035~0.40Mpa
可调比: 50:1~300:1
测量误差: (流量)<±1%, 重复性0.5%以内。
Testing standard: GB17213.10, JB/T5296, BSEN1267:1999
Tested valve nominal diameter: DN15~DN1000
Testing flow range: 0.005 m³/h ~ 15000 m³/h
Circulating pool volume: 2500 m³
Tested valve nominal pressure: Class150~Class2500
Testing pressure difference: 0.035~0.40Mpa
Rangeability: 50:1~300:1
Measurement error: (flow) < ± 1%, repeatability within 0.5%.



02 深冷工况用阀门测试装置

Valve testing device for cryogenic service

试验标准: GB/T24925、MSS SP-134-2006、BS6364:1998
试验阀门公称口径: DN15 ~ DN1000
最低试验温度: -196℃(连续控温)
最大试验压力: 25Mpa
冷却介质: 液氮
试验介质: 氮气
控温精度: 0.1%
Testing standard: GB/T24925, MSS SP-134-2006, BS6364:1998
Tested valve nominal diameter: DN15 ~ DN1000
Minimum testing temperature: -196℃ (continuous temperature control)
Maximum testing pressure: 25Mpa
Cooling medium: liquid nitrogen
Testing medium: helium
Temperature control accuracy: 0.1%



03 高低温环境循环试验装置

High and low temperature environment cycle testing device

试验标准: API6A、API17D
试验阀门公称口径: DN15~DN1000
试验温度范围: -60℃~+180℃
设备有效容积: 长宽高2500x2200x4500mm
冷却介质: 液氮
控温精度: 0.1%
Testing standard: API6A, API17D
Tested valve nominal diameter: DN15~DN1000
Testing temperature range: -60℃~+180℃
Effective volume of equipment: length, width and height 2500x2200x4500mm
Cooling medium: liquid nitrogen
Temperature control accuracy: 0.1%



04 深水环境压力模拟高压舱试验装置

Deep water environment pressure simulation hyperbaric chamber testing device

模拟水深: 2000m
高压舱内径及高度: Φ3.5m x 6m
设计压力: 22MPa
舱内内压: 20MPa
测试通道: 20个
升降压精度: 0.1MPa
试验介质: 常温水
Simulated water depth: 2000m
Inner diameter and height of high pressure chamber: Φ3.5m x 6m
Design pressure: 22MPa
Internal pressure in the chamber: 20MPa
Testing channel: 20
Pressure increasing and decreasing accuracy: 0.1MPa
Testing medium: normal temperature water

05 高温试验装置

High temperature testing device

试验标准: GB17213.10、JB/T5296、BSEN1267:1999
试验阀门公称口径: DN15~DN1000
测试流量范围: 0.005 m³/h~15000 m³/h
循环水池容积: 2500m³
试验阀门公称压力: Class150~Class2500
测试压差: 0.035~0.40Mpa
可调比: 50:1~300:1
测量误差: (流量)<±1%, 重复性0.5%以内。
Tested valve nominal diameter: DN15~DN600
Tested valve nominal pressure: Class150~Class2500
Testing temperature and range: MAX 800℃, room temperature~+650℃
continuous and adjustable control
Heating and cooling rate: MAX 30℃/min adjustable control
Effective volume of equipment: length, width and height 2200x1400x1700mm
Testing medium: helium
Testing pressure: MAX 25MPa; measurement error: (pressure) < ± 0.01MPa
Control accuracy: constant temperature error < ± 2℃



06 高压试验装置 (高压水强度试验、高压气体流量模拟试验等)

High pressure testing device (high pressure water strength test, high pressure gas flow simulation test, etc.)

试验标准: API 6D、ANSI 16.37
试验阀门公称口径: DN15~DN600
试验阀门公称压力: Class150~Class2500
试验压力: MAX75MPa
试验介质: 水、氮气
测量误差: (压力)<±0.01MPa
Testing standard: API 6D, ANSI 16.37
Tested valve nominal diameter: DN15 ~ DN600
Tested valve nominal pressure: Class150~Class2500
Testing pressure: MAX75MPa
Testing medium: water, nitrogen
Measurement error: (pressure) < ± 0.01MPa



07 阀门噪音测试平台

Valve noise testing platform

测试噪音范围: 30~120dBA
试验阀门公称口径: DN25~DN350
试验介质: 氮气
介质压力: 0~10MPa
试验温度: 常温
控制精度: 0.1%
Test noise range: 30~120dBA
Tested valve nominal diameter: DN25~DN350
Testing medium: nitrogen
Medium pressure: 0~10MPa
Testing temperature: normal temperature
Control accuracy: 0.1%



08 高频次阀门带压测试装置

High frequency valve pressure testing device

试验阀门公称口径: DN15~DN600
试验阀门公称压力: Class150~Class600
试验温度: -29~+350℃
试验开关最大压差: 10MPa
试验介质: 氮气或水
动作频次: 4~10次/min
最高可达400万次/年的寿命试验需求。
Tested valve nominal diameter: DN15~DN600
Tested valve nominal pressure: Class150~Class600
Testing temperature: -29~+350℃
Testing switch maximum pressure difference: 10MPa
Testing medium: nitrogen or water
Action frequency: 4~10 times/min
Meeting the need for up to 4 million times/year life test



Equipment Strength

装备实力

深化设计（4CP）+制造（MES）+管理（ERP）+服务（Services）综合集成应用。开发制造执行系统、产品数字化设计工具、产品生命周期管理系统、内部物联网、生产过程数据采集系统，建立工业数据安全体系、工厂仿真模型数据库、生产过程可视化监控系统、质量动态监测与控制、柔性物流、自动化装配和生产过程仿真，形成以智能制造为核心、以先进制造技术为支撑的控制阀新型制造体系。

We have strengthened comprehensive integrated application of 4CP + MES + ERP + Services. In addition, we have developed the manufacturing execution system, product digital design tool, product life cycle management system, internal Internet of things and production process data acquisition system, established the industrial data security system, plant simulation model database, production process visualized monitoring system, quality dynamic monitoring and control, flexible logistics, automatic assembly and production process simulation, and formed the new type control valve manufacturing system that focuses on intelligent manufacturing and relies on advanced manufacturing technology.



Strictly following the quality policy of
rigid process control and continuous improvement
严格遵守精控过程，持续改进的品质方针



科技是打造名牌的关键要素之一。为了增强企业的市场竞争力，公司基于自动化控制系统产业的特点和发展需求，将产业高新技术化和高新技术产业化作为经营目标，建立完善的技术研发体系，明确技术定位和产品发展方向，抓好技术创新的机制建设，提供坚实的装备保证。在硬件建设上，通过滚动投入已建立了设备配套、体系完整的科研新格局，拥有了行业领先的研究开发、检测分析设备和中间试验条件。通过采用新技术、新工艺、新材料、新设备和新的元器件，着力提升高科技含量、高附加值、高竞争优势的产品，使企业在新一轮国际竞争中抢占先机，赢得市场主动权，从而走出了一条以高新技术改造提升传统产业的新路子。科技为“吴忠仪表”注入了强大的生命力。

Technology is one of the key factors for building brands. In order to enhance enterprise competitiveness in the market, based on the features and development demands of the automatic control system industry, our company has taken high-tech development of the industry and the industrialization of high-tech as our operation goals, established a perfect technical research and development system, defined technical orientation and product development direction, done a good job of the system building of technical innovation to provide solid equipment guarantee. In the aspect of hardware building, we have established a new pattern of technical research with matching equipment and perfect system through successive investment, and owned industry leading research, development, inspection and analysis equipment and pilot-scale test conditions. By adopting new technologies, new techniques, new materials, new equipment and new parts, we strive to promote products of high technological content, high added value and high competition advantages, so as to make our enterprise grasp decisive opportunities in the new round of international competition, win market initiative and blaze a new trail in promoting traditional industries through high-tech transformation. Science and technology impregnates powerful vitality for "Wuzhong Instrument".

Equipment Strength

装备实力

吴忠仪表建有国际先进水平的柔性制造中心，拥有卧式/立式加工中心、五轴联动高速铣削中心、车铣中心、数控球面车磨中心，各类大型数控车床、球芯研磨专机和各种数控设备200多台，由于采用了先进的工艺设备和实行了严格的管理，极大地提高了工作效率，保证了产品质量。

Wuzhong Instrument has built an internationally advanced flexible manufacturing center and is equipped with horizontal/vertical machining centers, five-axis high-speed simultaneous milling centers, turning and milling centers, CNC ball face lathing and grinding centers, various large-sized CNC lathes, ball grinding machines and more than 200 sets of various CNC equipment. Due to the use of advanced process equipment and strict management, the work efficiency is greatly improved and the product quality is ensured.



● 热处理加工中心
Heat Treatment Machining Center



● 执行器组装生产线
Actuator Assembly Line



● 密封件加工中心
Seal Machining Center



● FMS柔性加工线
FMS Flexible Machining Line

Core technology creates a new experience
of excellent industrial fluid control
核心技术创造出色工业流体控制新体验



● 数控立式车床
CNC Vertical Lathe



● 数控镗床
CNC Boring Machine



● 龙门钻铣加工中心
Gantry Drilling and Milling Center



● 球体研磨加工中心
Ball Grinding Center



● 数控镗铣加工中心
CNC Boring and Milling Center



● 高速铣削加工中心
High-speed Milling Center

Equipment Strength

装备实力

吴忠仪表采用数字化集成智能制造系统，拥有数字化铸造中心、智能加工中心、智能涂装生产线、数字化组装线、智能巡检分装线、智能仓储等，集成了产品制造过程和工厂模型的数据库，实现工厂内部和外部的互联、智能生产、实时监控、质量追溯，解决企业核心环节的两化融合问题，充分发挥信息技术与工业技术的优势，提高生产管理及产品质量的有效控制。

01 铸造中心 Casting Center

吴忠仪表建有20000m²的铸造中心承担阀体及相关铸件的制造。拥有铸造CAE辅助技术；VRH法造型专利技术；树脂砂铸造系统；快速光谱分析仪技术；精密铸造流水线、树脂砂生产线、大型抛丸机、铸件清理中心等。严格的质量控制、确保控制阀高端铸件满足苛刻工况要求。

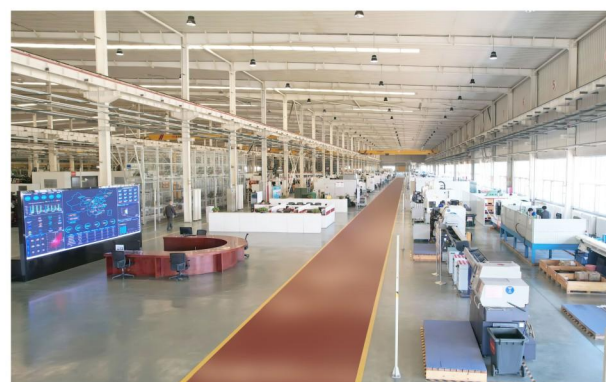
Wuzhong Instrument has a 20,000m² casting center that manufactures valve bodies and related castings. It is provided with CAE technology for casting, VRH method moulding patented technology, resin sand casting system, fast spectrum analyzer technology, precision casting line, resin sand production line, large shot blasting machine, casting cleaning center, etc. Strict quality control ensures that the high-end castings of control valves meet the requirements of severe service conditions.



02 智能制造 Intelligent Manufacturing

吴忠仪表实现了加工制造的自动化、生产设备的网络化、过程管理的数字化、计划调度的智能化。在中国仪器仪表行业率先全面实现了智能控制阀数字化工厂。

Wuzhong Instrument has realized the automation of machining and manufacturing, the networking of production equipment, the digitization of process management, and the intelligence of planning and scheduling. In China's instrumentation industry, we have taken the lead in realizing a digital factory of intelligent control valves in an all-round way.

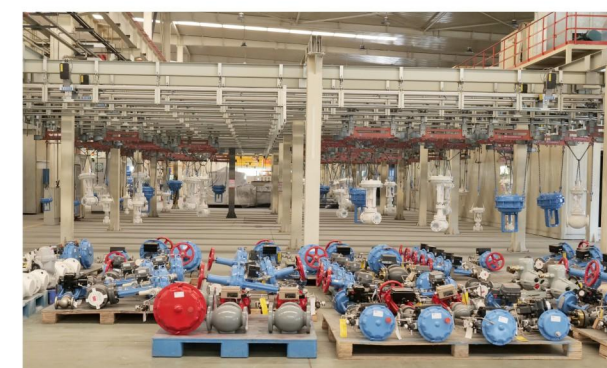


03 数字化组装生产线 Digital Assembly Line



Wuzhong Instrument adopts digital integrated intelligent manufacturing system, and is provided with digital casting centers, intelligent machining centers, intelligent coating production lines, digital assembly lines, intelligent in-process check and assembly line, intelligent warehousing and storage, etc. It integrates the database of product manufacturing process and factory model to realize interconnection inside and outside the factory, intelligent production, real-time monitoring and quality traceability, solves the problem of combination of informatization and industrialization in the core links of the enterprise, gives full play to the advantages of information technology and industrial technology, and improves effective control of production management and product quality.

04 智能涂装线 Intelligent Coating Line



05 智能巡检分装线 Intelligent In-process Check and Assembly Line



06 智能仓储 Intelligent Warehousing and Storage



Advanced Manufacturing Technology

先进制造技术

吴忠仪表拥有超音速火焰喷涂技术、激光熔敷技术、喷熔和喷焊技术、火焰熔敷技术；QPQ复合盐浴氮化处理、不锈钢固体渗硼技术、表面扩散真空镀膜技术。堆焊、喷涂、整体硬质合金等超高硬度表面独特加工技术；进口精密阀杆滚压；球芯研磨中心。

Wuzhong Instrument is provided with HVOF technology, laser cladding technology, spray fusing and spray welding technology, flame cladding technology, QPQ complex salt bath nitriding treatment, stainless steel solid boriding technology, surface diffusion vacuum coating technology, as well as overlaying welding, spray coating, overall hard alloy and other ultra-high hardness unique surface machining technology, imported precision stem rolling machine and ball grinding center.



工业机器人辅助数控精密加工系统主要是将工业机器人、数控机床、精密数控工艺等多种元素融合在一起，构建集物料工艺模型、数据采集处理、精密加工制造于一体的制造生产流程，摆脱传统制造方式的弊端，提高数控加工的精确性与高效性。

The industrial robot-assisted CNC precision machining system mainly integrates various elements such as industrial robots, CNC machine tools and precision CNC technology to build a manufacturing process that integrates material process models, data acquisition and processing, and precision machining and manufacturing, gets rid of the disadvantages of traditional manufacturing methods, and improves the accuracy and efficiency of CNC machining.



火焰熔敷
Flame cladding

两步法或一步法火焰熔敷，适合于自溶性合金，制备冶金结合涂层。
Two-step type or one-step type flame cladding is suitable for self-fluxing alloy to make metallurgical bonding coating.



激光熔敷
Laser cladding

激光熔敷，粉末适应性强，变形小，可实现局部修复和再制造。
Laser cladding is featured by good powder adaptability, low deformation and being able to realize local repair and remanufacturing.



氧煤油超音速火焰喷涂HVOF
Oxygen-kerosene HVOF

零件表面采用超音速火焰喷涂技术制备涂层，具有材料可选性多、结合力高、孔隙率低、耐腐蚀耐磨性强等特点，结合力可达70MPa以上，硬度可达1100HV1以上。

The surface of parts is coated by adopting HVOF technology, with such features as multiple material options, high bonding force, low porosity, strong corrosion and wear resistance, etc. The bonding force can reach more than 70MPa, and the hardness can reach more than 1100HV1.



真空熔覆炉及冲刷磨损测试平台
Vacuum cladding furnace and erosive wear testing platform

WESCO系列复相增韧超硬堆焊及喷涂工艺用真空熔覆炉，保证硬化层与基体的结合及控制复相层基体温度与硬化层热膨胀的同步；WESCO系列复相增韧超硬堆焊及喷涂工艺性能检测用模拟介质冲刷磨损测试平台，可实现30M/秒及不同冲刷角度的调整试验。

The vacuum cladding furnace used for WESCO series complex phase toughening ultra-hard overlaying welding and spray coating process ensures the combination of hardening layer and base and controls the complex phase layer base temperature to synchronize with thermal expansion of hardening layer. The testing platform with simulation of medium erosive wear used for performance testing of WESCO series complex phase toughening ultra-hard overlaying welding and spray coating process can realize the testing at 30M/s and different erosion angles.



PTA等离子堆焊和TIG自动堆焊
PTA plasma overlaying welding and TIG automatic overlaying welding

用于阀内件密封面及易冲刷部位的合金堆焊。
Used for alloy overlaying welding on trim sealing face and other parts that are easy to erode.



球体高精度智能加工中心
Ball high precision intelligent machining center

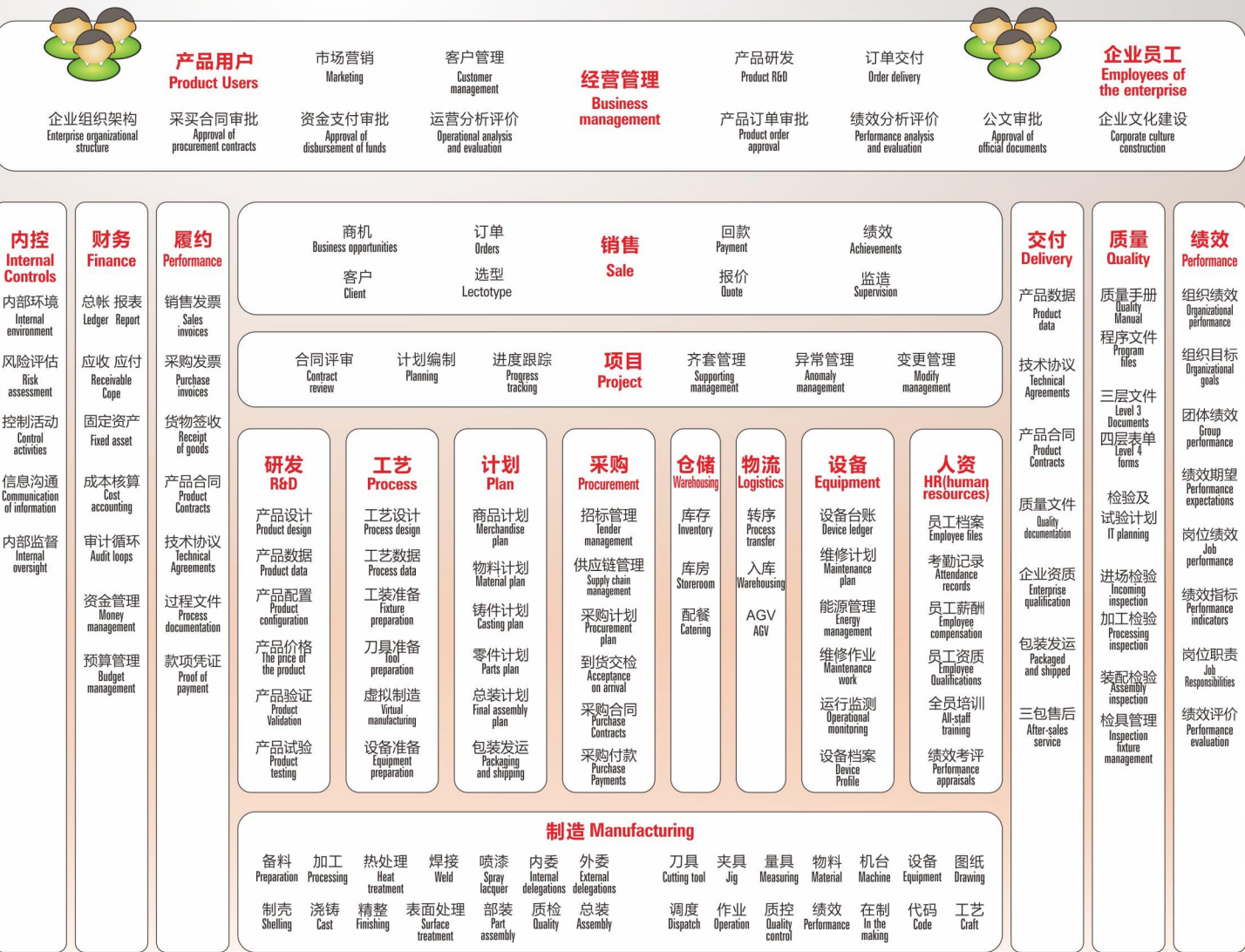
4至24寸球体高精度智能加工中心，球面加工圆度<3um；
The 4"-24" ball high precision intelligent machining center reaches a ball face machining roundness of less than 3um.

Intelligent Manufacturing Goals And Frameworks

智能制造目标及框架

智能制造解决制造过程中设计、工艺、质量控制、生产组织、过程管理等业务痛点，终极目标是在实现质量更好的同时使得成本更低，效率提高的同时效益也提高。

Intelligent manufacturing solves the pain points of design, process, quality control, production organization and process management in the manufacturing process. The ultimate goal is to achieve better quality while lowering costs, enhancing efficiency and improving benefits.



Intelligent Manufacturing Practice Ideas

智能制造实践思路

吴忠仪表针对企业在质量、成本、效率等竞争力需求，从技术、管理、装备、物料和制造五个维度整体实施智能制造，在五个维度全面实施的基础上，从自动化、数字化、信息化、精益化、柔性化、网络化、可视化和智能八个方面推进。

Wuzhong Instrument implements intelligent manufacturing from five dimensions such as technology, management, equipment, materials and manufacturing in order to meet the competitiveness requirements of enterprises in terms of quality, cost and efficiency. On the basis of comprehensive implementation of the five dimensions, it is advanced from eight aspects: automation, digitization, informatization, leanness, flexibility, networking, visualization and intelligence.



The Diversified Product Lines

丰富的产品线

High standard, high requirement, high quality and high pursuit

高标准、高要求、高品质、高追求

A 系列调节阀 A Series Control Valves



压力平衡式笼式调节阀
Pressure Balanced Caged Control Valve



快速更换单座调节阀
Quick-exchange Single Seated Control Valve



压力平衡式笼式调节阀
Pressure Balanced Caged Control Valve



高温压力平衡式笼式调节阀
High temperature Pressure Balanced Caged Control Valve



高温压力平衡式笼式调节阀
High temperature Pressure Balanced Caged Control Valve



压力平衡式笼式调节阀
Pressure Balanced Caged Control Valve



低温高压压力平衡式笼式调节阀
Cryogenic and High Pressure Balanced Caged Control Valve



串式多级减压调节阀
Bunch Multistage pressure reducing Regulating Valve



多转角多通道调节阀
Multi-corner and Multi-channel Regulating Valve



三通调节阀
Three Way Control Valve



低温高压锻造角阀
Cryogenic and High Pressure Forged Angle Control Valve



电动快换式单座调节阀
Electric Quick-exchange Single Seated Control Valve



高压电动调节角阀
Electric and High Pressure Angle Control Valve



高压压力平衡式笼式调节阀
High Pressure Balanced Caged Control Valve



The Diversified Product Lines

丰富的产品线

Focusing on product details and
creating competitive products in the industry

专注产品细节 打造行业精品

G系列球阀 G Series Ball Valves



高压球阀
High Pressure Ball Valve



硬密封球阀
Metal Sealed Ball Valve



硬密封球阀
Metal Sealed Ball Valve



硬密封球阀
Metal Sealed Ball Valve



电动软密封球阀
Electric Non-metallic
Ball Valve



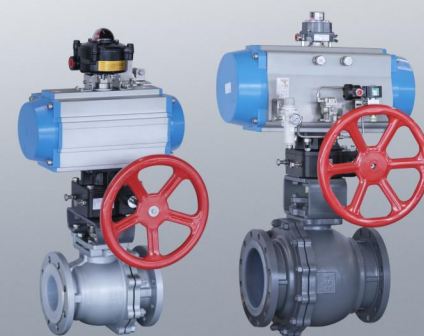
气动软密封球阀
Pneumatic Non-metallic
Ball Valve



气动软密封球阀
Pneumatic Non-metallic
Ball Valve



衬塑球阀
Anti Corrosion Lined
Plastic Ball Valve



衬塑球阀
Anti Corrosion Lined
Plastic Ball Valve



保温夹套球阀
Temperature Protection
Jacket Ball Valve



高压球阀
High Pressure
Ball Valve



高压球阀
High Pressure
Ball Valve



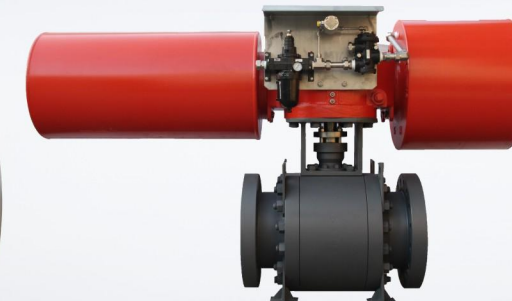
高压球阀
High Pressure
Ball Valve



高压球阀
High Pressure
Ball Valve



大口径高压调节球阀
Large Caliber High-pressure
Ball Valve



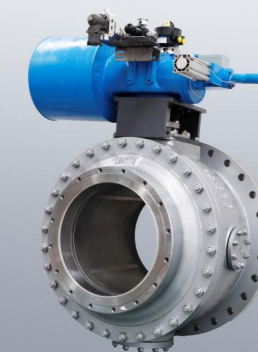
高压球阀
High Pressure
Ball Valve



高压球阀
High Pressure
Ball Valve



三通球阀
Three Way Ball Valve



锅盖球阀
Digester feed ball valve



管线球阀
Piping Ball Valve

The Diversified Product Lines

丰富的产品线

High quality products need careful design,
elaborate manufacturing and constant pursuit of improvement
高品质产品要求精心设计、精心制造、精益求精

WB系列蝶阀 WB Series Butterfly Valves



大口径气动三偏心蝶阀
Large Caliber Pneumatic triple
eccentric Butterfly Valve



对夹式衬塑蝶阀
Wafer Anti Corrosion
Lined Plastic Butterfly Valve



法兰式衬塑蝶阀
Flange Anti Corrosion
Lined Plastic Butterfly Valve



对夹式高性能蝶阀
Wafer High Performance
Butterfly Valve



法兰式高性能蝶阀
Flange High Performance
Butterfly Valve



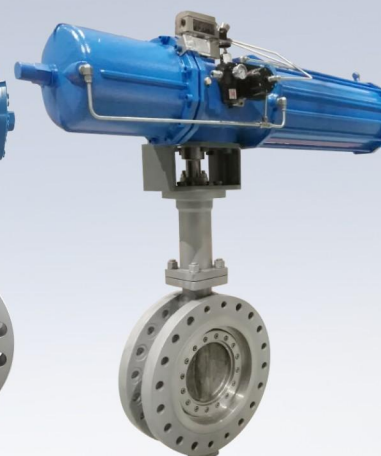
高性能蝶阀
High Performance
Butterfly Valve



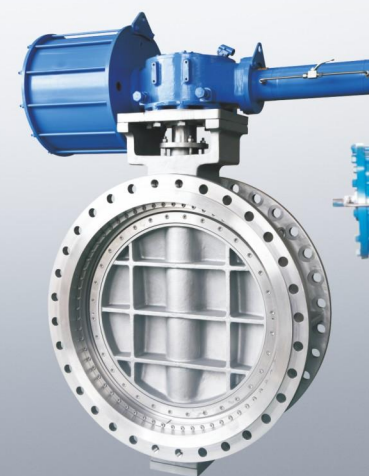
气动三偏心蝶阀
Pneumatic Triple Eccentric
Butterfly Valve



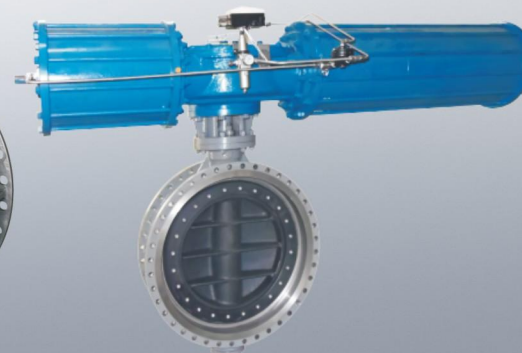
气动三偏心蝶阀
Pneumatic Triple Eccentric
Butterfly Valve



低温三偏心蝶阀
Cryogenic Triple eccentric
Butterfly Valve



气动三偏心蝶阀
Pneumatic triple eccentric
Butterfly Valve



气动三偏心蝶阀
Pneumatic triple eccentric
Butterfly Valve



低负载全焊接法兰式蝶阀
Low load fully welded
flange butterfly valve



电动三偏心蝶阀
Electric Triple eccentric
Butterfly Valve



电动三偏心蝶阀
Electric Triple eccentric
Butterfly Valve

The Diversified Product Lines

丰富的产品线

Confidence comes from strength and strength creates perfection
信心源于实力、实力铸造完美

其他类控制阀 Other Control Valves



气动柱塞提留阀
Pneumatic Flush
bottom ram valve



气源引气系统
压力关断调节阀
Air Conditioning System
Pressure Shut-off Control Valve



微小流量调节阀
Micro Flow Control Valve



强制硬密封球阀
Forced Metal Sealed
Ball Valve



V型调节阀
V-type Control Ball Valve



凸轮挠曲调节阀
Rotary Eccentric
Control Valve



波纹管调节阀
Bellows Control Valve



波纹管调节阀
Bellows Control Valve



氮封阀
Nitrogen Sealing Valve



自力式调节阀
Self-operated
Control Valve



自力式调节阀
Self-operated
Control Valve



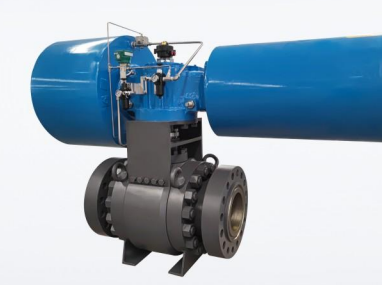
自力式调节阀
Self-operated
Control Valve



高压强制硬密封球阀
High Pressure Forced
Metal Sealed Ball Valve



气动疏水调节阀
Pneumatic Regulated
Drain Valve



燃料气压缩机高压切断阀
Fuel gas compressor
high pressure Ball valve



气动轴流阀
Pneumatic Axial
Control Valve



罐底调节阀
Bottom valve



罐底调节阀
Bottom valve



罐底调节阀
Bottom valve



蒸汽管束用阀
Steam Pipeline
Fixed Valve



衬塑波纹管调节阀
Lining Bellows
Control Valve



气动截止阀
Pneumatic
Globe Valve



保温夹套调节阀
Temperature Protection
Jacket Control Valve



不锈钢截止阀
Stainless Steel
Globe Valve



保温夹套放料阀
Temperature Protection
Jacket Discharge Valve

The Diversified Product Lines

丰富的产品线

Brave in pursuing excellence and keeping improving
勇于追求 精益求精

空分装置&LNG用控制阀 Control Valves for Air Separation Plant & LNG Plant



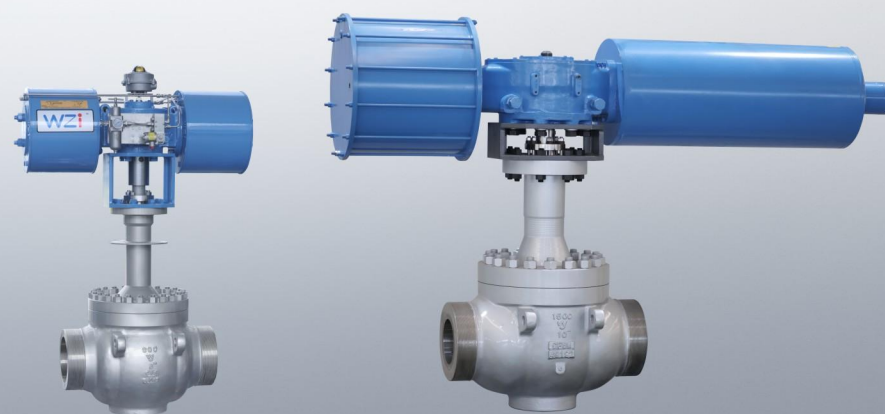
大口径低温压力平衡笼式调节阀
Large Caliber and Cryogenic Pressure
Balanced Caged Control Valve



超低温球阀
Cryogenic Ball valve
超低温球阀
Cryogenic Ball valve
高压单座式低温调节阀
Cryogenic and High Pressure
Single Seated Control Valve
超低温调节阀
Cryogenic
Control Valve



低温调节阀
Cryogenic
Control Valve
超低温单座调节阀
Cryogenic Single Seated
Control Valve
超低温调节阀
Cryogenic
Control Valve
低温高压压力平衡式调节阀
Cryogenic and High Pressure
Balanced Control Valve
蒸汽放空阀
Steam
Vent Valve



超低温上装式球阀
Cryogenic Top Mounted
Ball Valve
超低温高压上装式球阀
Cryogenic and High Pressure
Top Mounted Ball Valve



超低温三偏心蝶阀
Cryogenic triple eccentric
Butterfly Valve
蒸汽放空阀
Steam Vent Valve
超低温侧装式蝶阀
Cryogenic triple eccentric
Butterfly Valve
分子筛切换阀
Molecular Sieve
Changeover Valve

The Diversified Product Lines

丰富的产品线

Enhancing competitiveness by ensuring good quality

坚持以质取胜，提高竞争实力

电站&动力站用控制阀

Control Valves for Power Plant & Power Station



核电常规岛汽轮机旁路阀
Main Steam Turbine Bypass Valve
For Nuclear Power Conventional Island



高压减温喷水阀
High pressure Spray
Desuperheating Valve

动力站副给水调节阀
Auxiliary Feedwater Regulating
Valve For Power Station

锅炉给水泵再循环阀
Recirculating Valve of
Boiler Feedwater Pump



锅炉给水泵再循环阀
Recirculating Valve of
Boiler Feedwater Pump



锅炉给水泵再循环阀
Recirculating Valve of
Boiler Feedwater Pump



汽水分离再热系统蒸汽调节阀
Steam Regulating Valve for
Moisture Separator Reheater



多级降压式调节阀
Multistage Step-down
Regulating Valve



全锻造环喷减温减压阀
Full-forged Ring Spray Temperature
and pressure reducing Valve



核电常规岛STR到SES补充控制阀
STR to SES Supplementary Control Valve
For Nuclear Power Conventional Islands

核电常规岛辅助蒸汽控制阀
Auxiliary Steam Control Valve For
Nuclear Power Conventional Island

核电常规岛APD控制阀
APD Control Valve For
Nuclear Power Conventional Island



电动蒸汽控制阀
Steam Control Valve
with Electric Actuator



火电汽轮机旁路阀
Main Steam Turbine Bypass Valve
For Power station



锅炉连续排污调节阀
Boiler Continuous Blowdown
Regulating Valve



迷宫式高压差蒸汽减压阀
Labyrinth High pressure Differential
steam Reducing Valve



The Diversified Product Lines

丰富的产品线

The advanced high-tech, refined and sophisticated equipment guarantees high-quality products

先进的高、精、尖设备保证了高品质的产品

煤化工用控制阀

Control Valves for Coal Chemical Industry



煤粉输送阀
Pulverized Coal
Transporting Angle Valve



氧气切断球阀
Oxygen Ball Valve



程控球阀
Program Control
Ball Valve



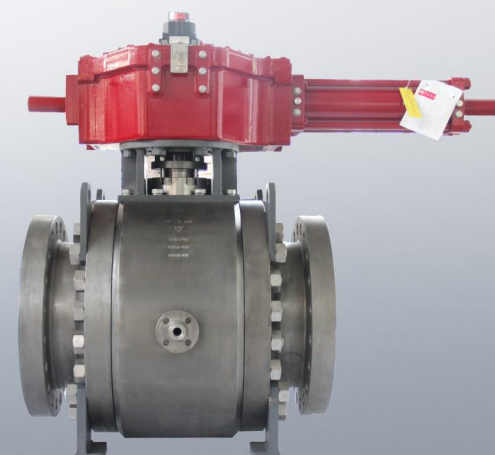
锁渣球阀
Slag Lock hopper
Ball Valve



高压偏心旋转阀
High pressure Eccentric
Rotary Valve



PDS球阀
Discharge System
PDS Ball Valve



锁渣球阀
Slag Lock hopper
Ball Valve



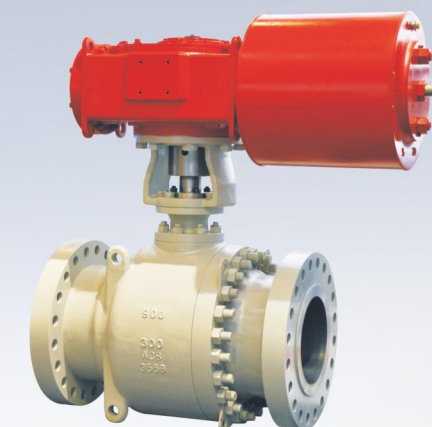
对夹式偏心旋转阀
Wafer Eccentric
Rotary Valve



法兰式偏心旋转阀
Flange Eccentric
Rotary Valve



高频次耐磨球阀
High Frequency
Wear-resistant Ball Valve



锁渣球阀
Slag Lock hopper
Ball Valve



高压氧气调节阀
High pressure
Oxygen Control Valve



灰水角阀
Grey water
Angle Valve



黑水角阀
Black water
Angle Valve



黑水角阀
Black water
Angle Valve



黑水角阀
Black water
Angle Valve

The Diversified Product Lines

丰富的产品线

Winning the market through sincerity
and building famous brands with quality

以诚信赢得市场，以质量铸造品牌

油气开采&储运用控制阀

Control Valves for Oil & Gas Exploitation, Storage and Transportation



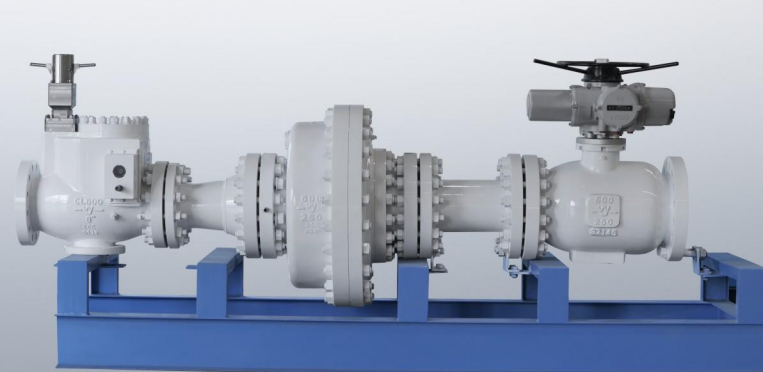
油气田井口气动Choke阀
Oil And Gas Field Well-head
Pneumatic Choke Valve



天然气调压撬
Natural Gas Regulator Skid



自力式安全切断阀
Self-operated Safety Shutoff Valve



天然气调压撬
Natural Gas Regulator Skid



自力式监控调压阀
Self-operated Monitoring
Pressure Regulating Valve



油气田超高压注气控制阀
Oil and Gas Field Ultra-high Pressure
Gas Injection Control Valve



油田洗井车用阀
Oil Field Well Washing
Vehicle Valve



油气田井口手动Choke阀
Oil and gas field Well-head
Manual Choke Valve



气动轴流式安全切断阀
Pneumatic Axial Flow
Safety Shutoff Valve



轴流式天然气压缩机防喘阀
Anti-surge Valve For
Axial Gas Compressor



气动轴流式工作调压阀
Pneumatic Axial Flow Operating
Pressure Regulating Valve



电动轴流式工作调压阀
Electric Axial Flow Operating
Pressure Regulating Valve



气液联动管线球阀
Gas-liquid Linkage
Pipeline Ball Valve



输油管线调节阀
Oil Pipeline
Control Valve

The Diversified Product Lines

丰富的产品线

Standardized production creates enterprise strength and brand
规范化的生产铸就企业实力和品牌

炼油&石化用控制阀

Control Valves for Oil Refining & Petrochemical Industry



船舶动力用控制阀

Control Valves for Marine Power Plant

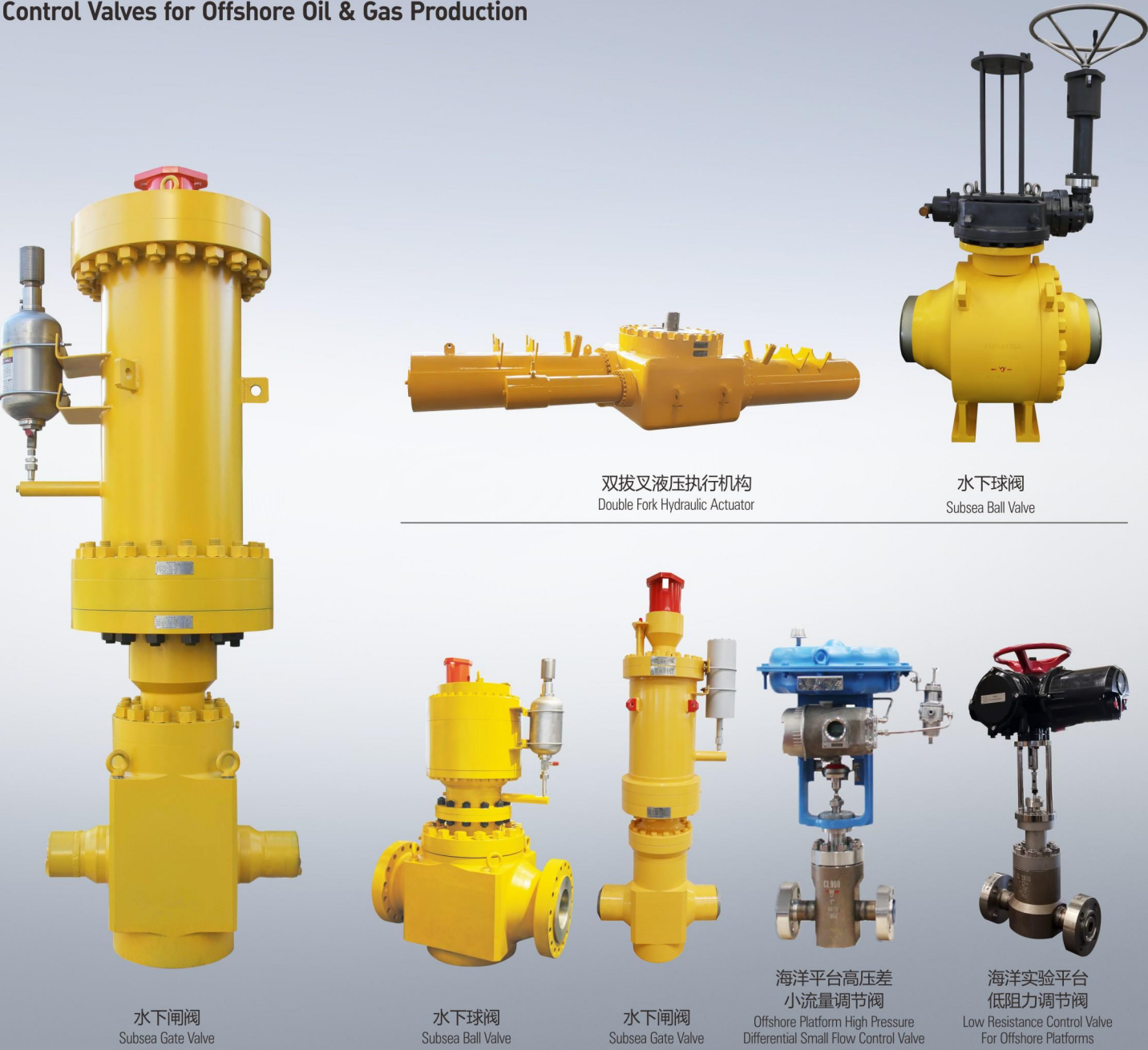


The Diversified Product Lines

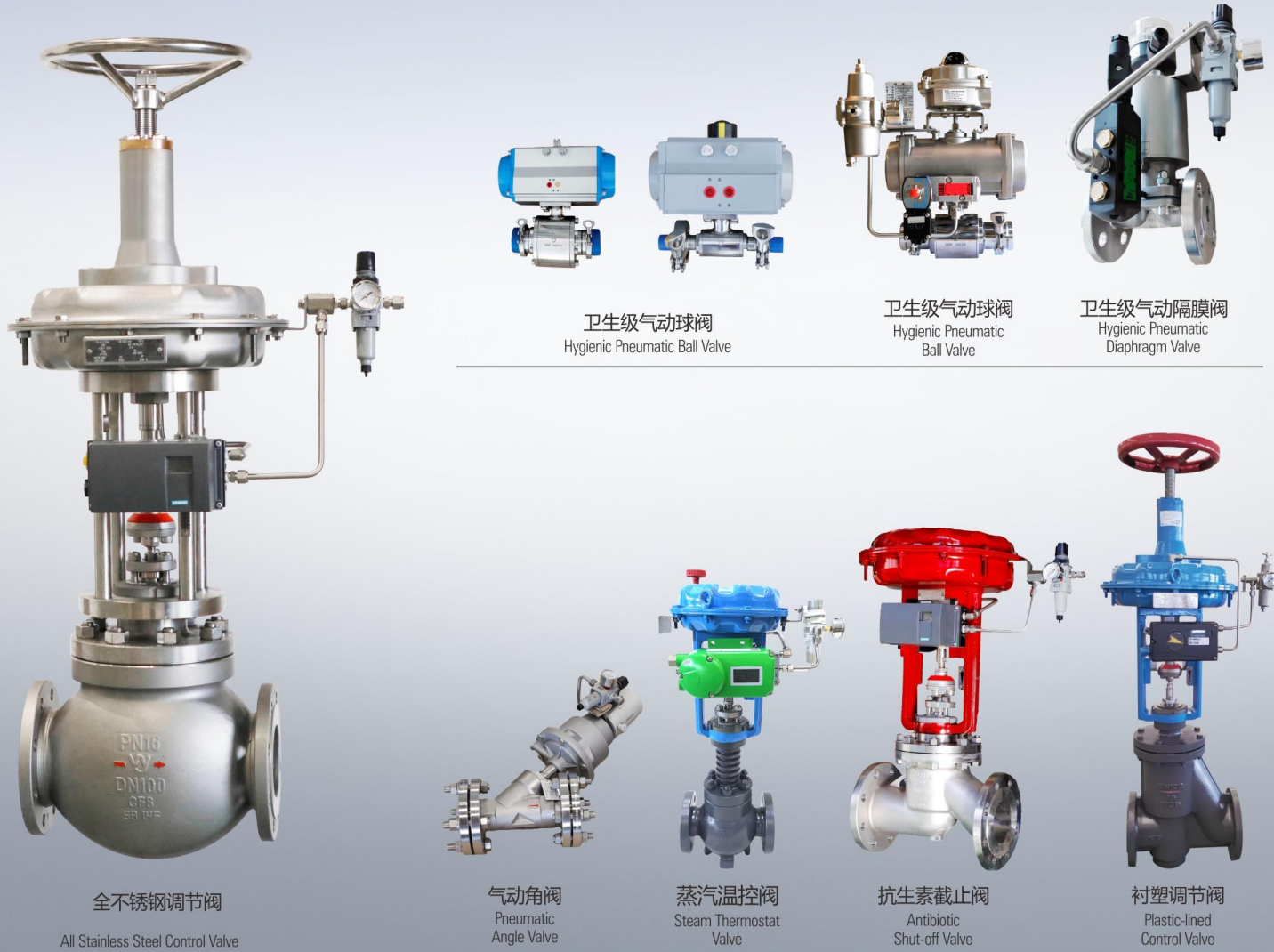
丰富的产品线

Strengthening independent innovation
and leading the development of the industry
强化自主创新 引领行业发展

海洋油气用控制阀 Control Valves for Offshore Oil & Gas Production



生物制药&精细化工用控制阀 Control Valves for Biopharmaceutical Industry & Fine Chemical Industry



The Diversified Product Lines

丰富的产品线

A well-established brand is your best partner
一个成熟的品牌，是您最佳的合作伙伴

仪控附件

Instrument And Control Accessories



智能阀门定位器(本安/隔爆)
Intelligent Valve Positioner
(Intrinsically Safe/Flameproof)

电气阀门定位器
Electrical Valve
Positioner

KZ系列空气过滤减压阀
KZ Series Air Filter
Pressure Reducing Valve

K系列电磁阀
K Series
Solenoid Valve



KTL系列行程开关
KTL Series Limit Switch

KTS系列行程开关(隔爆/本安)
KTS Series Limit Switch (Flameproof/Intrinsically Safe)

气动加速器
Pneumatic Accelerator

稳压器
Voltage Regulators



ZPA系列保位阀
ZPA Series
Retaining Valve

ZPB系列闭锁阀
ZPB Series
Latching Valve

三通气控阀
Three-way
Pneumatic Valve

五通气控阀
Five-way
Pneumatic Valve

三断保护装置
Three-break
Protection Device

指挥器
Commander

执行机构

Actuator



气缸活塞式执行机构
Pneumatic Cylinder
Piston Actuator

角行程电动执行机构
Quarter-turn
Electric Actuator

直行程电动执行机构
Linear Electric
Actuator

多弹簧气动薄膜式执行机构
Multi-spring Pneumatic Diaphragm Actuator



多弹簧气动薄膜式执行机构
Multi-spring Pneumatic Diaphragm Actuator

气动拨叉式执行机构
Pneumatic Fork Actuator

气缸活塞式执行机构
Pneumatic Cylinder Piston Actuator



Application Fields

应用领域

服务于炼油、石油石化、煤化工、精细化工（盐、氯碱、树脂）、LNG、环保及水处理系统、医药与生物化工、冶金（钢铁、多晶硅、有机硅）、电力、装备制造、油气开采及储运、新能源及新材料、海洋平台及水下阀门等行业。



Creating a leading brand and
an innovation leader in the control valve industry
打造控制阀系统业界领先品牌、控制阀行业创新领导者

Serving oil refining industry, petroleum and petrochemical industry, coal chemical industry, fine chemical industry (salt, chlor-alkali, resin), LNG industry, environmental protection and water treatment systems, medicine and biochemical industry, metallurgy (steel, polysilicon, silicone) industry, power industry, equipment manufacturing industry, oil & gas exploitation, storage and transportation industry, new energy and new material industry, offshore platform and underwater valve industry, etc.



Company Achievements (Part)

公司业绩（部分）

炼油行业 Oil Refining Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	浙石化4000万吨/年炼油一体化项目二期 Phase II of 40-million-tons/year oil refining integrated project of Zhejiang Petrochemical Co., Ltd.
2	阿巴斯气体凝析物炼油厂 Abbas Gas Condensate Refinery	360000桶/天炼油项目（1500万吨/年炼油） 360,000 barrels/day oil refining project (15 million tons/year oil refining)
3	中海石油炼化有限责任公司惠州炼化分公司 CNOOC Refining & Chemical Co., Ltd. Huizhou Refining & Chemical Company	惠州炼化二期1200万吨/年炼油及100万吨/年乙烯项目 Phase II of 12-million-tons/year oil refining and 1-million-tons/year ethylene project of Huizhou Refining & Chemical Company
4	中石油云南石化有限公司 PetroChina Yunnan Petrochemical Co., Ltd.	云南1000万吨/年炼油项目 10 million tons/year oil refining project of Yunnan
5	中国寰球工程公司辽宁分公司 China Huanqiu Contracting & Engineering Corporation Liaoning Branch	云南1000万吨/年大炼油 10-million-tons/year oil refining project of Yunnan
6	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	广东石化一体化项目-柴油成品油罐区调节阀 Control valves at tank areas of finished diesel oil in the integrated project of Guangdong Petrochemical Company
7	中国石油工程建设有限公司广东石化分公司 China Petroleum Engineering & Construction Corporation Guangdong Petrochemical Company	广东石化项目常减压装置I\常减压装置II Atmospheric and vacuum distillation plant I \ atmospheric and vacuum distillation plant II in the project of Guangdong Petrochemical Company
8	中国石油工程建设有限公司广东石化分公司 China Petroleum Engineering & Construction Corporation Guangdong Petrochemical Company	广东石化一二联合延迟焦化装置II Delayed coking plant II of No. 1 complex and No. 2 complex of Guangdong Petrochemical Company
9	中国石油工程建设有限公司广东石化分公司 China Petroleum Engineering & Construction Corporation Guangdong Petrochemical Company	广东石化炼化一体化项目、四联合柴油加氢装置I等 Diesel oil hydrogenation plant I of No. 4 complex of refining and chemical integrated project of Guangdong Petrochemical Company, etc.
10	中国石油工程建设有限公司大连设计分公司 China Petroleum Engineering & Construction Corporation Dalian Design Company	中国石化呼和浩特石化公司国V汽油质量升级改造和全厂含氢尾气氢气回收改造项目 Project for state V gasoline quality upgrading and transformation and for transformation of hydrogen recovery in whole factory hydrogen-containing tail gas of PetroChina Hohhot Petrochemical Company
11	辽宁缘泰石油化工有限公司 Liaoning Yuanlai Petrochemical Co., Ltd.	350万吨/年常减压项目 3.5-million-tons/year atmospheric and vacuum distillation project
12	济南康特尔工控技术有限公司 Jinan Kangteer Industrial Control Technology Co., Ltd.	广饶科力达化工120万吨/年油品升级项目 1.2-million-tons/year oil product upgrading project of Guangrao Kelida Chemical Company
13	中石油克拉玛依石化有限责任公司 PetroChina Karamay Petrochemical Co., Ltd.	100万吨/年催化装置油浆、中压上水系统调节阀 Control valves in oil slurry and medium pressure water feeding systems of 1 million tons/year catalyzing plant
14	温州海米特集团有限公司 Wenzhou Haightech Meter Group Co., Ltd.	中捷石化81万吨/年柴油加氢精制 810,000 tons/year diesel oil hydrotreating of Zhongjie Petrochemical Co., Ltd.
15	山东海科化工集团有限公司 Shandong Haikie Chemical Group Co., Ltd.	80万吨/年油品升级改造项目 800,000-tons/year oil product upgrading and transformation project
16	新疆天正中广石化有限公司 Xinjiang Tianzheng Zhongguang Petrochemical Co., Ltd.	60万吨/年重油深加工联合装置及配套工程项目 600,000 tons/year heavy oil deep processing complex plant and supporting project
17	中国石化工程建设有限公司 Sinopec Engineering Incorporation	福建漳州古雷炼化一体化项目55万吨/年裂解汽油加氢装置 550,000 tons/year cracked gasoline hydrogenation plant in refining and chemical integrated project of Fujian Zhangzhou Gulei
18	山东龙港化工有限公司 Shandong Longgang Chemical Co., Ltd.	40万吨/年石脑油改质项目 400,000 tons/year naphtha upgrading project
19	山东龙源石油化工有限公司 Shandong Longyuan Petrochemical Co., Ltd.	30万吨/年润滑油精制项目 300,000 tons/year lubricating oil refining project
20	中石油克拉玛依石化有限责任公司 PetroChina Karamay Petrochemical Co., Ltd.	15万吨/年白油加氢项目 150,000 tons/year white oil hydrogenation project
21	神木县鑫义能源化工有限公司 Shenmu Xinyi Energy & Chemical Co., Ltd.	15万吨/年石脑油重整项目 150,000 tons/year naphtha reforming project
22	珠海精润石化有限公司 Zhuhai Jingrun Petrochemical Co., Ltd.	2万吨/年废润滑油综合利用及产品深加工工程 20,000 tons/year waste lubricating oil comprehensive utilization and product deep processing project
23	中海油惠州石化有限公司 CNOOC Huizhou Petrochemical Co., Ltd.	中海油惠州石化108单元增上柴油产品与原料油换热器调节阀 Control valves for diesel product and raw oil heat exchangers in unit 108 of CNOOC Huizhou Petrochemical Co., Ltd.
24	中国石化扬子石油化工有限公司 Sinopec Yangzi Petrochemical Co., Ltd.	南京扬子石化炼油厂 Nanjing Yangzi Petrochemical Refinery
25	中石化洛阳工程有限公司 Sinopec Luoyang Engineering Co., Ltd.	宁波镇海石化储运有限公司镇海炼化轻烃基地项目 Zhenhai Refining & Chemical Company Light Hydrocarbon Base Project of Ningbo Zhenhai Petrochemical Storage and Transportation Co., Ltd.
26	中国石化工程有限公司洛阳分公司 Sinopec Luoyang Company	火炬炼油二部催化航煤加氢炼油三部溶脱重整预加氢 Catalytic diesel oil and aviation fuel hydrogenation of torch oil refining No. 2 department and solvent deasphalting, reforming and pre-hydrogenation of oil refining No. 3 department
27	中海石油宁波大榭石化有限公司 CNOOC Ningbo Daxie Petrochemical Co., Ltd.	馏分油综合利用项目 Distillate oil comprehensive utilization project
28	中海石油大榭石化乙烯公司 CNOOC Daxie Petrochemical and Ethylene Company	一期轻质油加工改造项目 Phase I of light oil processing transformation project
29	中海石油东营石化有限公司 CNOOC Dongying Petrochemical Co., Ltd.	油品升级改造及配套工程项目 Oil product upgrading, transformation and supporting engineering project
30	新疆石油管理局有限公司 Xinjiang Petroleum Administration Bureau Co., Ltd.	石西原油密闭处理与原油稳定改造工程 Shixi crude oil airtight treatment and crude oil stabilizing transformation project
21	中国石化青海油田格尔木炼油厂 PetroChina Qinghai Oilfield Company Golmud Refinery	国IV汽油产品质量升级配套改造项目 State IV gasoline product quality upgrading and supporting transformation project
32	中国石化天然气股份有限公司大港石化分公司 PetroChina Dagang Petrochemical Company	大港石化常压增加温控阀 Atmospheric pressure temperature control valve of Dagang Petrochemical Company
33	大庆中蓝石化有限公司 Daqing Zhonglan Petrochemical Co., Ltd.	石脑油改质装置 Naphtha reformer
34	中海外能源科技（山东）有限公司 COVEC Energy Technology (Shandong) Co., Ltd.	重质油综合利用装置工艺技术提升项目 Heavy oil comprehensive utilization plant process technology improvement project
35	北京棋佳特科技有限公司 Beijing Qijiate Technology Co., Ltd.	盘锦北方沥青燃料有限公司产品质量升级项目 Product quality upgrading project of Panjin Northern Asphalt Fuel Co., Ltd.



石油石化行业 Petroleum And Petrochemical Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	400万吨/年蜡油加氢裂化装置 4 million tons/year wax oil hydrocracking plant
2	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	380万吨/年连续重整装置 3.8 million tons/year continuous reformer
3	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	360万吨/年石脑油加氢装置 3.6 million tons/year naphtha hydrogenation plant
4	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	90万吨/年C1C2分离装置 900,000 tons/year C1C2 separation plant
5	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	90万吨/年气体分离；PX装置 900,000 tons/year gas separation; PX plant
6	浙江石油化工有限公司 Zhejiang Petrochemical Co., Ltd.	80万吨/年EOEG装置 800,000-tons/year EOEG plant
7	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	五联合300万吨/年石脑油加氢装置 3 million tons/year naphtha hydrogenation plant of No. 5 complex
8	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	290万吨/年蜡油加氢裂化装置 2.9 million tons/year wax oil hydrocracking plant
9	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	80万吨/年全密度聚乙烯装置 800,000 tons/year full density polyethylene plant
10	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	40万吨/年高密度聚乙烯装置 400,000 tons/year high-density polyethylene plant
11	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	长庆乙烷制乙烯项目70万吨/年乙烯装置 700,000-tons/year ethylene plant in ethane-to-ethylene project of Changqing
12	中国石化集团南京化学工业有限公司 Sinopec Nanjing Chemical Industries Co., Ltd.	30万吨/年合成氨装置开关球阀 On-off ball valves of 300,000 tons/year synthetic ammonia plant
13	中国石化集团南京化学工业有限公司 Sinopec Nanjing Chemical Industries Co., Ltd.	6万吨/年环己酮罐区苯A紧急切断阀 Benzene A emergency shut-off valves in 60,000-tons/year cyclohexanone tank area
14	中国石化工程建设有限公司 Sinopec Engineering Incorporation	海南炼油乙烯及炼油改扩建项目260万吨/年连续重整装置 2.6 million tons/year continuous reformer in ethylene and oil refining reconstruction and expansion project of Hainan Refining
15	中国石化工程建设有限公司 Sinopec Engineering Incorporation	镇海炼化镇海基地项目120万吨/年乙烯装置调节阀 Control valves for 1.2 million tons/year ethylene plant in Zhenhai Refining & Chemical Company Zhenhai Base Project
16	中国石化工程建设有限公司 Sinopec Engineering Incorporation	镇海炼化镇海基地项目60万吨/年裂解汽油加氢装置调节阀 Control valves for 600,000 tons/year cracked gasoline hydrogenation plant in Zhenhai Refining & Chemical Company Zhenhai Base Project
17	中国石化工程建设有限公司 Sinopec Engineering Incorporation	福建漳州古雷炼化一体化项目55万吨/年裂解汽油加氢装置 550,000 tons/year cracked gasoline hydrogenation plant in refining and chemical integrated project of Fujian Zhangzhou Gulei
18	中国石化工程建设有限公司 Sinopec Engineering Incorporation	镇海炼化镇海基地项目16万吨/年丁二烯抽提装置调节阀 Control valves for 160,000 tons/year butadiene extraction plant in Zhenhai Refining & Chemical Company Zhenhai Base Project
19	中国石化天然气股份有限公司大港石化分公司 PetroChina Dagang Petrochemical Company	100万吨/年延迟焦化装置项目 1-million-tons/year delayed coking plant project
20	中国石化工程建设有限公司广东石化分公司 China Petroleum Engineering & Constuction Corporation Guangdong Petrochemical Company	300万吨/年延迟焦化装置石油焦密闭处理系统 Petroleum coke closed treatment system in 3 million tons/year delayed coking plant
21	盛虹炼化（连云港）有限公司 Shenghong Refining & Chemical (Lianyungang) Co., Ltd.	200万吨/年延迟焦化装置 2 million tons/year delayed coking plant
22	中石化洛阳工程有限公司 Sinopec Luoyang Engineering Co., Ltd.	120万吨/年焦化装置环保综合治理项目 1.2 million tons/year coking plant environmental protection comprehensive treatment project
23	中国石油化工股份有限公司南京阀门供应储备中心 Sinopec Nanjing Valve Supply and Reserve Center	中科项目240万吨/年S Zorb催化汽油吸附脱硫装置 2.4 million tons/year S Zorb catalytic gasoline adsorption desulfurization plant in Zhongke Project
24	中国石化工程有限公司南京阀门供应储备中心 Sinopec Nanjing Valve Supply and Reserve Center	镇海炼化公司120万吨/年乙烯项目3 1.2 million tons/year ethylene project 3 of Zhenhai Refining & Chemical Company
25	中国石油化工股份有限公司南京阀门供应储备中心 Sinopec Nanjing Valve Supply and Reserve Center	17万吨/年苯乙烯类热塑性弹性体项目 170,000 tons/year styrene thermoplastic elastomer project
26	中国石化工程有限公司武汉分公司 Sinopec Wuhan Company	150万吨/年S Zorb催化汽油吸附脱硫 1.5 million tons/year S Zorb catalytic gasoline adsorption desulfurization
27	一重集团大连核电石化有限公司 China First Heavy Industries Dalian Nuclear Power and Petrochemical Co., Ltd.	300万吨/年馏分油加氢装置高压阀门 High pressure valves for 3 million tons/year distillate oil hydrogenation plant
28	山东博石石油化工有限公司 Shandong Jingbo Petrochemical Co., Ltd.	60万吨/年高性能聚丙烯树脂及配套项目热水站和空分站调节阀 Control valves for hot water stations and air separation stations in 600,000 tons/year high-performance polypropylene resin and supporting projects
29	山东京博石油化工有限公司 Shandong Jingbo Petrochemical Co., Ltd.	60万吨/年高性能聚丙烯树脂及配套项目2#循环水场调节阀 Control valves for the circulating water field in 600,000 tons/year high-performance polypropylene resin and supporting project 2#
30	山东京博石油化工有限公司 Shandong Jingbo Petrochemical Co., Ltd.	36万吨/年改性乳化沥青和亚硫酸钠干燥包装项目调节阀 Control valves in 360,000-ton modified emulsified asphalt and sodium sulfite dry packaging project
21	山东玉皇盛世化工有限公司 Shandong Yuhuang Shengshi Chemical Co., Ltd.	160万吨/年柴油加氢改造项目 1.6 million tons/year diesel oil hydrogenation transformation project
32	一重集团大连核电石化有限公司 China First Heavy Industries Dalian Nuclear Power and Petrochemical Co., Ltd.	300万吨/年轻烃回收装置低分气脱重和富乙烷气提浓单元 Unit for dewighting of gas from low pressure separator and enrichment of ethane-rich gas in 3 million tons/year light hydrocarbon recovery plant
33	东营齐润化工有限公司 Dongying Qirun Chemical Co., Ltd.	160万吨/年汽油加氢项目 1.6 million tons/year gasoline hydrogenation project
34	东营华联石油化工有限公司 Dongying Hualian Petrochemical Co., Ltd.	160万吨/年催化裂化加制氢装置项目 1.6 million tons/year catalytic cracking hydrogenation and hydrogen production plant project
35	山东尚能实业有限公司 Shandong Super Energy Co., Ltd.	150万吨/年加氢裂化项目 1.5 million tons/year hydrocracking project

Company Achievements (Part)

公司业绩（部分）

煤化工行业 Coal Chemical Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	神华宁夏煤业集团有限责任公司 Shenhua Ningxia Coal Industry Group Co., Ltd.	400万吨/年煤炭间接液化项目 4 million tons/year indirect coal liquefaction project
2	宁夏宝廷新能源有限公司 Ningxia Baoting New Energy Co., Ltd.	500万吨/年煤焦化联产项目 5 million tons/year coal coking co-production project
3	宁夏宝廷新能源有限公司 Ningxia Baoting New Energy Co., Ltd.	60万吨/年精制煤焦油改制项目 600,000 tons/year refined coal tar reformation project
4	宁夏宝廷新能源有限公司 Ningxia Baoting New Energy Co., Ltd.	40万吨/年煤焦油加氢项目 400,000 tons/year coal tar hydrogenation project
5	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	陕煤集团榆林化学180万吨/年乙二醇工程公辅工程项目 Public auxiliary project of 1.8 million tons/year ethylene glycol project of Shaanxi Coal Group Yulin Chemical Co., Ltd.
6	中国寰球工程有限公司 China Huanqiu Contracting & Engineering Co., Ltd.	陕煤集团榆林化学180万吨/年乙二醇项目消防系统电动蝶阀 Electric butterfly valves for fire protection systems in 1.8 million tons/year ethylene glycol project of Shaanxi Coal Group Yulin Chemical Co., Ltd.
7	中国寰球工程公司 China Huanqiu Contracting & Engineering Corporation	神华宁煤400万吨/年煤炭间接液化项目 4 million tons/year indirect coal liquefaction project of Shenhua Ningxia Coal Industry Group
8	中国天辰工程有限公司 China Tianchen Engineering Corporation	300万吨/年煤焦化多联产项目焦化工程电动蝶阀 Electric butterfly valves for coking project of 3 million tons/year coal coking polygeneration project
9	中国天辰工程有限公司 China Tianchen Engineering Corporation	神华榆林化工有限公司180万吨/年甲醇生成40万吨/年乙二醇项目气化装置 Gasification plant in 1.8-million-tons/year methanol to 400,000-tons/year ethylene glycol project of Shenhua Yulin Chemical Co., Ltd.
10	中国五环工程有限公司 China Wuhuan Engineering Co., Ltd.	神华宁煤400万吨/年煤炭间接液化项目 4 million tons/year indirect coal liquefaction project of Shenhua Ningxia Coal Industry Group
11	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	中煤鄂能化100万吨/年甲醇技改项目 1-million-tons/year methanol technical transformation project of China Coal Ordos Energy Chemical Co., Ltd.
12	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	50万吨/年甲醇项目 500,000-tons/year methanol project
13	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	福马30万吨/年焦油包123阀门 Valves for 300,000 tons/year tar package 123 of Fuma
14	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	伊犁新天煤化工有限责任公司年产20亿Nm³煤制天然气项目 Coal-to-natural gas project with an annual output of 2 billion Nm³ of Yili Xintian Coal Chemical Co., Ltd.
15	中国化学工程第十三建设有限公司 CNCEC No. 13 Construction Co., Ltd.	内蒙古沪蒙能源实业有限公司300万吨/年焦化40万吨/年甲醇项目2 3-million-ton coking and 400,000-tons/year methanol project 2 of Inner Mongolia Humeng Energy Industry Co., Ltd.
16	中国化学工程第六建设有限公司 CNCEC No. 6 Construction Co., Ltd.	60万吨/年精制煤焦油改制技改项目 600,000 tons/year refined coal tar reformation and technical transformation project
17	中国化学工程第十一建设有限公司 CNCEC No. 11 Construction Co., Ltd.	80万吨/年二甲醚项目 800,000-tons/year dimethyl ether project
18	中国神华煤制油化工有限公司新疆煤化工分公司 China Shenhua Coal to Liquid and Chemical Co., Ltd. Xinjiang Coal Chemical Branch	神华新疆68万吨/年煤基新材料项目 680,000 tons/year coal-based new material project of Shenhua Xinjiang
19	中国神华煤制油化工有限公司 China Shenhua Coal to Liquid and Chemical Co., Ltd.	60万吨/年DMTO联合装置 600,000 tons/year DMT0 complex plant
20	宁夏宝丰能源集团股份有限公司 Ningxia Baofeng Energy Group Co., Ltd.	50万吨/年煤制烯烃项目 500,000 tons/year coal-to-olefin project
21	宁夏宝丰能源集团股份有限公司 Ningxia Baofeng Energy Group Co., Ltd.	50万吨/年烯烃项目标段五甲醇三厂调节阀 Control valves for methanol factory III of bidding section V of 500,000 tons/year olefin project
22	宁夏宝丰能源集团股份有限公司 Ningxia Baofeng Energy Group Co., Ltd.	50万吨/年烯烃项目标段五焦炉气调节阀 Control valves for coke oven gas of bidding section V of 500,000 tons/year olefin project
23	宁夏宝丰能源集团股份有限公司 Ningxia Baofeng Energy Group Co., Ltd.	40万吨/年焦油加工扩建项目 400,000 tons/year tar processing expansion project
24	中国三冶集团有限公司 China Third Metallurgical Group Co., Ltd.	30万吨/年煤焦油加氢装置制氢单元技术改造项目 Technical transformation project of hydrogen production unit of 300,000 tons/year coal tar hydrogenation plant
25	太原横河自控系统工程有限公司 Taiyuan Henghe Automatic Control System Engineering Co., Ltd.	280万吨/年焦化项目一期工程新建2X65孔7m焦炉 New 2X65 hole 7m coke oven of phase I of 2.8 million tons/year coking project
26	山东三维石化工程股份有限公司 Shandong Sunway Petrochemical Engineering Co., Ltd.	400万吨/年煤炭间接液化项目 4 million tons/year indirect coal liquefaction project
27	宁夏鲲鹏清洁能源有限公司 Ningxia Kunpeng Clean Energy Co., Ltd.	年产40万吨/年乙二醇项目 400,000 tons/year ethylene glycol project
28	神木富油能源科技有限公司 Shenmu Fuyou Energy Co., Ltd.	50万吨/年煤焦油全馏分加氢制环烷基油项目 500,000 tons/year naphthenic oil production from full range coal tar hydrogenation project
29	鄂尔多斯市西北能源化工有限责任公司 Ordos Northwestern Energy & Chemical Co., Ltd.	120万吨/年甲醇一期20万吨/年甲醇项目 200,000 tons/year methanol project (phase I of 1.2 million tons/year methanol project)
30	内蒙古广聚新材料有限责任公司 Inner Mongolia Guangju New Material Co., Ltd.	内蒙古东海能源实业有限公司300万吨/年焦化项目 3-million-tons/year coking project of Inner Mongolia Donghai Energy Industry Co., Ltd.
21	陕西榆能化学材料有限公司 Shaanxi Yuneng Chemical Materials Co., Ltd.	12万吨/年新型炭黑项目（一期） 120,000 tons/year new carbon black project (phase I)
32	山东凯威尔新材料有限公司 Shandong Chemview New Material Co., Ltd.	4万吨/年针状焦项目4 40,000 tons/year needle coke project 4
33	江苏焱鑫科技股份有限公司 Jiangsu Yanxin Technology Co., Ltd.	山西潞安焦化140万吨/年碳化室高度6.25米捣固焦炉项目 1.4 million tons/year stamp-charging coke oven project with a carbonization chamber height of 6.25 meters of Shanxi Lu'an Coking Co., Ltd.
34	康乃尔化学工业股份有限公司 Connell Chemical Industry LLC	60万吨/年甲醇制烯烃项目 600,000 tons/year methanol-to-olefin project
35	阳煤集团深州化工有限公司 Yangquan Coal Industry Group Shenzhou Chemical Co., Ltd.	22万吨/年乙二醇项目 220,000 tons/year ethylene glycol project



精细化工行业（盐、氯碱、树脂）Fine Chemical Industry (Salt, Chlor-alkali, Resin)

序号 Item	用户名称 Customer	项目名称 Project Name
1	山东肥城海晶盐业有限公司 Shandong Feicheng Haijing Salt Chemical Co., Ltd.	120万吨/年绿色生态精制盐项目 1.2 million tons/year green ecological refined salt project
2	淄博齐翔腾达化工股份有限公司 Zibo Qixiang Tengda Chemical Co., Ltd.	45万吨/年低碳烷烃脱氢装置项目 450,000 tons/year low-carbon alkane dehydrogenation plant project
3	鄂尔多斯市君正能源化工有限公司 Ordos Junzheng Energy & Chemical Co., Ltd.	60万吨/年聚氯乙烯 600,000 tons/year PVC project
4	山西信发化工有限公司 Shanxi Xinfu Chemical Co., Ltd.	60万吨/年烧碱项目 600,000 tons/year caustic soda project
5	辽宁华峰化工有限公司 Liaoning Huafeng Chemical Co., Ltd.	12万吨/年环己酮项目 120,000 tons/year cyclohexanone project
6	辽宁北化鲁华化工有限公司 Liaoning Beihua Luhua Chemical Co., Ltd.	6万吨/年顺丁橡胶项目 60,000 tons/year butadiene rubber project
7	盘锦远孚化工有限公司辽滨分公司 Panjing Yuanfu Chemical Co., Ltd. Liaobin Branch	40万吨/年异辛烷及10万吨/年正丁烷异构化联合装置项目 400,000-tons/year isooctane and 100,000-tons/year n-butane isomerization complex plant project
8	山东海利尔化工有限公司 Shandong Hailir Chemical Co., Ltd.	1000ta吡唑醚菌酯生产项目 1000ta pyradostrobin production project
9	山东海利尔化工有限公司 Shandong Hailir Chemical Co., Ltd.	山东海利尔化工双噻项目调节阀和切断阀 Control valves and shut-off valves for thiamethoxam and clothianidin project of Shandong Hailir Chemical Co., Ltd.
10	山东海利尔化工有限公司 Shandong Hailir Chemical Co., Ltd.	山东海利尔化工4号车间吡唑醚菌酯项目控制阀 Control valves for pyradostrobin project of workshop 4 of Shandong Hailir Chemical Co., Ltd.
11	河南龙宇煤化工有限公司 Henan Longyu Coal Chemical Co., Ltd.	20万吨/年乙二醇合成、加氢、乙二醇分馏区调节阀 Control valves at 200,000-tons/year ethylene glycol synthesis, hydrogenation and ethylene glycol fractionation areas
12	内蒙古伊泰化工有限责任公司 Inner Mongolia Yitai Chemical Co., Ltd.	120万吨/年精品化学品示范项目 1.2 million tons/year quality chemicals demonstration project
13	陕西北元化工集团有限公司 Shaanxi Beiyuan Chemical Industry Group Co., Ltd.	50万吨/年氯碱树脂项目 500,000-tons/year chlor-alkali resin project
14	东华工程科技股份有限公司 East China Engineering Science and Technology Co., Ltd.	中化学东华新材料有限公司10万吨/年PBAT项目 100,000 tons/year PBAT project of Sinochem Donghua New Material Co., Ltd.
15	东华工程科技股份有限公司 East China Engineering Science and Technology Co., Ltd.	陕煤集团榆林化学180万吨/年乙二醇工程 1.8 million tons/year ethylene glycol project of Shaanxi Coal Group Yulin Chemical Co., Ltd.
16	唐山迪牧化工有限公司 Tangshan Dimu Chemical Co., Ltd.	120万吨/年混合苯加氢项目 1.2-million-tons/year mixed benzene hydrogenation project
17	乌海市上正阀门销售有限公司 Wuhai Shangzheng Valve Sale Co., Ltd.	鄂尔多斯电冶集团2万吨/年氯碱化工 20,000-tons/year chlor-alkali chemical industry project of Ordos Electrometallurgical Group
18	宁夏恒力特流体控制有限公司 Ningxia Henglite Fluid Control Co., Ltd.	20万吨/年己内酰胺 200,000 tons/year caprolactam project
19	宁夏恒力特流体控制有限公司 Ningxia Henglite Fluid Control Co., Ltd.	内蒙古庆华腾格里精细化工有限公司 Inner Mongolia Qinghua Tenggeli Fine Chemical Co., Ltd.
20	山西沃锦新材料股份有限公司 Shanxi Wojin New Material Co., Ltd.	山西沃锦年产15万吨/年稀硝酸装置 150,000 tons/year dilute nitric acid plant of Shanxi Wojin
21	开封市禹泓新材料有限公司 Kaifeng Yuhong New Material Co., Ltd.	年产2万吨/年异辛酸项目 20,000 tons/year isooctanoic acid project
22	开封市九泓化工有限公司 Kaifeng Jiuhong Chemical Co., Ltd.	6万吨/年萘法制苯酞项目调节阀 Control valves for 60,000-tons/year phthalic anhydride production from naphthalene project
23	新疆中泰化学阜康能源有限公司 Xinjiang Zhongtai Chemical Fukang Energy Co., Ltd.	3万吨/年混合法糊树脂（PPVC）装置技改项目 30,000 tons/year mixed process paste resin (PPVC) plant technical transformation project
24	勃沪（上海）有色金属有限公司 Bohu (Shanghai) Non-ferrous Metals Co., Ltd.	40万t/a离子膜烧碱二期 400,000 t/a ionic membrane caustic soda project (phase II)
25	九江心连心化肥有限公司 Jiujiang Xinlianxin Fertilizer Co., Ltd.	年产2.5万吨/年气雾级二甲醚项目 25,000 tons/year aerosol grade dimethyl ether project
26	利尔化学股份有限公司 Lier Chemical Co., Ltd.	草铵膦5000T项目 Glufosinate-ammonium 5000T project
27	利尔化学股份有限公司 Lier Chemical Co., Ltd.	绵阳绿章定3000T扩能调节阀切断阀 Control valves and shut-off valves for triclopyr 3000T capacity expansion project of Mianyang
28	河南心连心化学工业集团股份有限公司 Henan Xinlianxin Chemical Industry Group Co., Ltd.	年产20万吨/年双氧水（27.5%）项目调节阀 Control valves for 200,000 tons/year hydrogen peroxide (27.5%) project
29	成都市华天科技发展有限公司 Chengdu Huatian Technology Development Co., Ltd.	醋酸加氢30000吨/年工业化示范装置 30,000 tons/year acetic acid hydrogenation industrialized demonstration plant
30	凯瑞环保科技有限公司 Kairui Environmental Protection Technology Co., Ltd.	年产6000吨/年树脂催化剂项目 6000 tons/year resin catalyst project
21	忻州市鑫宇煤炭气化有限公司 Xinzhou Xinyu Coal Gasification Co., Ltd.	6万吨/年产三聚氰胺项目 60,000 tons/year melamine project
32	德州市德化工业有限公司 Dezhou Dehua Chemical Co., Ltd.	德州鲁思新材料科技有限公司2万吨/年聚氨酯助剂罐区改造项目 20,000-tons/year polyurethane auxiliary tank area reconstruction project of Dezhou Luen New Material Technology Co., Ltd.
33	德州市德化工业有限公司 Dezhou Dehua Chemical Co., Ltd.	山东德田化工公司13万吨/年DEF项目 130,000 tons/year DEF project of Shandong Detian Chemical Company
34	德州市德化工业有限公司 Dezhou Dehua Chemical Co., Ltd.	德州德化3万吨/年DMAC项目 30,000-tons/year DMAC project of Dezhou Dehua
35	上海卓然数智能源有限公司 Shanghai Zhuoran Shuzhi Energy Co., Ltd.	濮阳市远东科技有限公司15万吨/年丙烷脱氢ADHO项目 150,000 tons/year propane dehydrogenation ADHO project of Puyang Far East Technology Co., Ltd.

Company Achievements (Part)

公司业绩（部分）

LNG 行业 LNG Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	中国寰球工程公司 China Huanqiu Contracting & Engineering Corporation	山东泰安60万吨/年LNG装置BOG再液化项目 600,000 tons/year LNG plant BOG reliquefaction project of Shandong Tai'an
2	康泰斯化学工程有限公司 Contas Chemical Engineering Co., Ltd.	吉林乾源100万立方LNG项目 1 million m³ LNG project of Jilin Qianyuan
3	陕西众源绿能天然气有限责任公司 Shaanxi Zhongyuan Green Energy Natural Gas Co., Ltd.	200万方液化天然气存储调峰 2 million m³ LNG storage and peak-shaving project
4	四川中油天能科技有限公司 Sichuan Zhongyou Tianeng Technology Co., Ltd.	LNG储备调峰综合利用示范项目 LNG storage and peak-shaving comprehensive utilization demonstration project
5	张家港富瑞特种装备股份有限公司 Zhangjiagang Furui Special Equipment Co., Ltd.	锐达10万方/天LNG项目改造项目 Transformation project of 100,000 m³/day LNG project of Ruida
6	张家港富瑞特种装备股份有限公司 Zhangjiagang Furui Special Equipment Co., Ltd.	100000m³/d撬装式天然气液化装置 100,000m³/d skid-mounted natural gas liquefaction plant
7	内蒙古三聚家景新能源有限公司 Inner Mongolia Sanjujiajing New Energy Co., Ltd.	60000Nm³/h焦炉气制LNG项目 60,000Nm³/h coke oven gas to LNG project
8	鄂尔多斯市宏基亿泰能源有限公司 Ordos Hongji Yitai Energy Co., Ltd.	年产40万吨/年液化天然气项目 400,000 tons/year LNG project
9	重庆鼎航能源 Chongqing Dinghang Energy Development Co., Ltd.	15万方LNG项目 150,000 m³ LNG project
10	西安华江环保科技有限公司 Xian Huajiang Environmental Technologies Co., Ltd.	徐州伟天化工集团15万吨/年焦炉煤气制甲醇联产LNG新能源技改项目 150,000 tons/year coke oven gas to methanol co-production LNG new energy technical transformation project of Xuzhou Weitian Chemical Group
11	四川杰瑞恒日天然气工程有限公司 Sichuan Jereh Hengri Natural Gas Engineering Co., Ltd.	广州兴丰项目；新疆巨融能源燃气项目 Project of Guangzhou Xingfeng; gas project of Xinjiang Jurong Energy
12	四川杰瑞恒日天然气工程有限公司 Sichuan Jereh Hengri Natural Gas Engineering Co., Ltd.	新疆巨融能源燃气项目控制阀 Control valves for gas project of Xinjiang Jurong Energy
13	四川杰瑞恒日天然气工程有限公司 Sichuan Jereh Hengri Natural Gas Engineering Co., Ltd.	叙永森能页岩气；祁县项目；重庆黔江项目 Xuyong Senneng Shale Gas; project in Qixian; project in Qianjiang, Chongqing
14	四川杰瑞恒日天然气工程有限公司 Sichuan Jereh Hengri Natural Gas Engineering Co., Ltd.	大庆二期项目；庆阳项目；玉溪项目 Phase II of project of Daqing; project in Qingyang; project in Yuxi
15	四川杰瑞恒日天然气工程有限公司 Sichuan Jereh Hengri Natural Gas Engineering Co., Ltd.	5万方液化天然气项目LNG储罐调压阀 Pressure control valves for LNG storage tanks in 50,000 m³ LNG project
16	山东恒伟化工科技有限公司 Shandong Hengwei Chemical Technology Co., Ltd.	焦炉煤气综合利用制LNG及氢气分离项目 Project of producing LNG through comprehensive utilization of coke oven gas and hydrogen separation
17	山西压缩天然气集团有限公司 Shanxi Compressed Natural Gas Group Co., Ltd.	运城盐湖工业园区LNG液化调峰项目 LNG liquefaction peak-shaving project of Yuncheng Salt Lake Industrial Park
18	陕西靖边星源实业有限公司 Shaanxi Jingbian Xingyuan Industrial Co., Ltd.	天然气城市调峰及综合利用项目（LNG项目） Natural gas urban peak-shaving and comprehensive utilization project (LNG project)
19	河北布雷森诺商贸有限公司 Hebei Buleisennuo Trade Co., Ltd.	山西燃气产业集团有限公司原平LNG综合应急储气调峰中心项目 Yuanping LNG comprehensive emergency gas storage and peak-shaving center project of Shanxi Gas Industry Group Co., Ltd.
20	新地能源工程技术有限公司 Xindi Energy Engineering Technology Co., Ltd.	缅甸项目20万方LNG项目 200,000 m³ LNG project of Myanmar project
21	新地能源工程技术有限公司 Xindi Energy Engineering Technology Co., Ltd.	珠海BP化工有限公司LNG气化站项目 LNG gasification station project of Zuhai BP Chemical Co., Ltd.
22	新地能源工程技术有限公司 Xindi Energy Engineering Technology Co., Ltd.	沁水新奥安全仪表改造项目 Safety instrument reconstruction project of Qinshui Xin'ao
23	新地能源工程技术有限公司 Xindi Energy Engineering Technology Co., Ltd.	定兴县新奥LNG储配站项目（一期） LNG storage and distribution station project (phase I) of Dingxing Xin'ao
24	新地能源工程技术有限公司 Xindi Energy Engineering Technology Co., Ltd.	浙江舟山液化天然气（LNG）接收及加注站项目 Liquefied natural gas (LNG) receiving and filling station project of Zhejiang Zhoushan
25	荆门宏图特种飞行器制造有限公司 Jingmen Hongtu Special Aircraft Manufacturing Co., Ltd.	大型低温液体储罐 Large cryogenic liquid storage tanks
26	中油（新疆）石油工程有限公司 PetroChina (Xinjiang) Petroleum Engineering Co., Ltd.	采油二厂81号天然气处理站深冷提效工程 Cryogenic efficiency improvement project of No. 81 natural gas processing station in No. 2 oil production factory
27	杭州中泰深冷技术股份有限公司 Hangzhou Zhongtai Cryogenic Technology Corporation	太原LNG储配调峰中心项目 LNG storage and distribution peak-shaving center project of Taiyuan
28	华油天然气广元有限公司 Huayou Natural Gas Guangyuan Co., Ltd.	LNG工厂撬装化变温吸附脱重烃装置 Skid-mounted temperature swing adsorption heavy hydrocarbon removal plant in LNG factory
29	廊坊瑞华石化有限公司 Langfang Ruihua Petrochemical Co., Ltd.	乌兰察布市天然气综合利用工程 Natural gas comprehensive utilization project of Ulanqab City
30	太原燃气集团有限公司 Taiyuan Gas Group Co., Ltd.	山西太原液化天然气储配调峰中心项目 LNG storage and distribution peak-shaving center project of Shanxi Taiyuan
21	江西昱昱实业有限公司 Jiangxi Changyu Industrial Co., Ltd.	内蒙古渭通焦化焦炉尾气制LNG工程 Coke oven tail gas to LNG project of Inner Mongolia Yuanlong Coal Chemical Group
32	简阳绿杉新能源设备有限公司 Jianyang GreenFir New Energy Equipment Co., Ltd.	庆城项目重烃分离罐温度调节阀 Temperature control valves for heavy hydrocarbon separation tanks in Qingcheng project
33	成都赛普瑞兴科技有限公司 Chengdu Sepmem Science and Technology Co., Ltd.	顺北区块10万方/天LNG项目 100,000 m³/day LNG project in Shunbei area
34	成都赛普瑞兴科技有限公司 Chengdu Sepmem Science and Technology Co., Ltd.	长岭15×10³Sm³/d合成焊制气体项目 15×10³Sm³/d synthetic welding and cutting gas project of Changling
35	成都赛普瑞兴科技有限公司 Chengdu Sepmem Science and Technology Co., Ltd.	永靖250万方天扩能优化项目 250,000 m³/day capacity expansion and optimization project of Yongjing

环保及水处理系统 Environmental Protection And Water Treatment Systems

序号 Item	用户名称 Customer	项目名称 Project Name
1	中国天辰工程有限公司 China Tianchen Engineering Corporation	陕西榆能化学材料有限公司40万吨/年乙二醇项目污水及中水回用水处理项目3 Sewage and reclaimed water reuse and water treatment project 3 of 400,000 tons/year ethylene glycol project of Shaanxi Yuneng Chemical Materials Co., Ltd.
2	华陆工程科技有限责任公司 Hualu Engineering & Technology Co., Ltd.	蒲城污水处理 Pucheng sewage treatment
3	江苏鑫林环保设备有限公司 Jiangsu Xinlin Environmental Protection Equipment Co., Ltd.	中水深度处理及回用提升改造项目 Reclaimed water advanced treatment and reuse improvement and transformation project
4	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	中煤VOS治理 VOS treatment of China Coal
5	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	热解启动工程污水处理装置 Sewage treatment plant of pyrolysis start-up project
6	北京鑫佰利科技发展有限公司 Beijing New Biolink Technology Development Co., Ltd.	废水处理利用项目 Wastewater treatment and utilization project
7	陕西德辰机电设备有限公司 Shaanxi Dechen Electromechanical Equipment Co., Ltd.	2000万吨/年重油加工工程污水处理场 Sewage treatment plant of 20-million-tons/year heavy oil processing project
8	中国五环工程有限公司 China Wuhuan Engineering Co., Ltd.	神华宁煤宁东矿区矿井水及煤化工废水处理利用项目 Mine water and coal chemical wastewater treatment and utilization project in Ningdong mining area of Shenhua Ningxia Coal Industry Group
9	徐州通科机械设备有限公司 Xuzhou Tongke Machinery & Equipment Co., Ltd.	沂州科技有限公司全厂计量点改造voc治理改造干熄焦尾气点设计项目 Whole factory metering point transformation voc treatment transformation CDQ tail gas point design project of Yizhou Technology Co., Ltd.
10	江苏煜源环境科技有限公司 Jiangsu Yuyuan Environmental Technology Co., Ltd.	榆能化学废气焚烧项目 Waste gas co-combustion project of Yuneng Chemical
11	神华工程技术有限公司 Shenhua Engineering Technology Co., Ltd.	包头化工外排废水脱盐达标排放改造项目切断阀 Shut-off valves for wastewater desalination and up-to-standard emission reconstruction project of Baotou Chemical
12	中国石化集团南京化学工业有限公司 Sinopec Nanjing Chemical Industry Co., Ltd.	煤化工部废水输送系统环保隐患治理 Environmental protection hidden danger management of wastewater conveying system of the Ministry of Coal Chemical Industry;
13	广州汉泰环境技术有限公司 Guangzhou Hantai Environmental Technology Co., Ltd.	阳煤化工新材料循环水综合治理和母液干化项目调节阀 Control valves for circulating water comprehensive treatment and mother liquor drying project of Yangquan Coal Industry Group Taiyuan Chemical New Material Co., Ltd.
14	中国石油化工股份有限公司北京燕山分公司 Sinopec Beijing Yanshan Company	回收裂解炉间断排污水、连续排污水的热量和水 Recovery of heat and water from intermittent and continuous sewage from cracking furnaces
15	中国石油化工股份有限公司北京燕山分公司 Sinopec Beijing Yanshan Company	燕山化—回收裂解炉间断排污水、连续排污水的热量和水 Recovery of heat and water from intermittent and continuous sewage from cracking furnaces of No. 1 Factory of Sinopec Yanshan Chemical Co., Ltd.
16	中国石油化工股份有限公司中原油田普光分公司 Sinopec Zhongyuan Oilfield Puquang Branch	普光主体产出水综合处理工程项目 Produced water comprehensive treatment project of Puquang Oilfield
17	北京沃腾讯精控自动化技术有限公司 Beijing Wotengxun Jingkong Automation Technology Co., Ltd.	青岛双桃二期搬迁项目—污水二期 Phase II of relocation project of Qingdao Shuangtao - phase II of sewage project
18	河北工大晟珂工程科技有限公司 Hebei Gongda Shengke Engineering Technology Co., Ltd.	中天合创矿井水处理 Mine water treatment of Zhongtian Hechuang
19	山西大经实业有限公司 Shanxi Dajing Industrial Co., Ltd.	20万吨/年合成气制乙二醇动力岛项目烟气脱硫 Flue gas desulfurization of 200,000-tons/year syngas to ethylene glycol power island project
20	北京中电加美环保科技有限公司 Beijing Zhongdian Jiamer Environmental Protection Technology Co., Ltd.	神华宁煤400万吨/年煤炭间接液化项目（油品合成装置凝结水处理系统） 4 million tons/year indirect coal liquefaction project of Shenhua Ningxia Coal Industry Group (condensate water treatment system of oil synthesis plant)
21	北京浦仁美华节能环保科技有限公司 Beijing Puren Meihua Energy Saving & Environmental Protection Technology Co., Ltd.	纺织院污水处理项目 Sewage treatment project of Textile Research Institute
22	北京大井易通科技发展有限公司 Beijing Dajing Yitong Technology Development Co., Ltd.	内蒙古制药厂水治理 Water treatment of Inner Mongolia Pharmaceutical Factory
23	中国神华煤制油化工有限公司新疆煤化工分公司 China Shenhua Coal to Liquid and Chemical Co., Ltd. Xinjiang Coal Chemical Branch	68万吨/年煤基新材料项目污水生化处理装置 Sewage biochemical treatment plant of 680,000 tons/year coal-based new material project
24	广州汉泰环境技术有限公司 Guangzhou Hantai Environmental Technology Co., Ltd.	宁东项目浓盐水处理装置 Concentrated salt water treatment plant of project in Ningdong
25	河南能源化工集团洛阳永龙能化有限公司 Henan Energy & Chemical Industry Group Luoyang Yonglong Energy & Chemical Co., Ltd.	气化、水处理新增调节阀项目 Gasification and water treatment newly added control valve project
26	杭州和利时自动化系统工程有限公司 Hangzhou HollySys Automation Co., Ltd.	固废焚烧项目 Solid waste incineration project
27	格林美新材料有限公司 GEM New Material Co., Ltd.	三元废水处理氨回收再资源化项目 Ammonia recovery and recycling project of Sanyuan Wastewater Treatment
28	神木县鑫义精细化工有限公司 Shenmu Xinyi Fine Chemical Co., Ltd.	神木县鑫义能源化工含氨废水处理项目调节阀 Control valves for ammonia-containing wastewater treatment project of Shenmu Xinyi Energy & Chemical Co., Ltd.
29	杭州米腾科技有限公司 Hangzhou Miteng Technology Co., Ltd.	山东华鲁恒升化工股份有限公司精己二酸品质提升项目尾气回收装置 Tail gas recovery plant of refined adipic acid quality improvement project of Shandong Hualu Hengsheng Chemical Co., Ltd.
30	长治市鸿亚水暖建材物资有限公司 Changzhi Hongya Plumbing and Building Material Co., Ltd.	6万吨/年酸性水汽提装置及储运罐区项目 60,000 tons/year acid water stripping equipment and storage tank area project
21	渭南高新区渭河洁能有限公司 Weinan High-tech Zone Weihe Jieneng Co., Ltd.	陕西渭河煤化工集团有限责任公司节水项目 Water saving project of Shaanxi Weihe Coal Chemical Group Co., Ltd.
32	杜尔涂装系统工程（上海）有限公司 Duir Paintshop Systems Engineering (Shanghai) Co., Ltd.	VOCS治理调节阀 Control valves for VOCS treatment
33	江苏焱鑫科技股份有限公司 Jiangsu Yanxin Technology Co., Ltd.	032G河南顺成酸性气焚烧系统调节阀 032G control valves for acid gas incineration system of Henan Shuncheng
34	南京海陆化工科技有限公司 Nanjing Hailu Chemical Technology Co., Ltd.	宜化低温甲醇洗系统酸性气体回收(调节阀、开关阀) Acid gas recovery in low temperature methanol washing system of Yihua (control valves, on-off valves)
35	沧州临港丰亚化工有限公司 Cangzhou Lingang Fengya Chemical Co., Ltd.	丰亚综合污水处理项目 Comprehensive sewage treatment project of Fengya

Company Achievements (Part)

公司业绩（部分）

医药、生物化工行业 Medicine And Biochemical Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	内蒙古兰格生物科技有限公司 Inner Mongolia Lange Biotechnology Co., Ltd.	年产12000吨医药中间体项目调节阀 The annual output of 12000 tons of pharmaceutical intermediate project control valve
2	荆州市新景化工有限公司 Jingzhou Xingjing Chemical Co., Ltd.	年产22000吨精细化工产品项目 Annual output of 22,000 tons of fine chemical products project
3	山东一诺威新材料有限公司 Shandong Inov New Material Co., Ltd.	20万吨/年特种聚酯调节阀 200,000 tons/year special polyether regulating valve
4	安徽裕康新材料有限公司 Anhui Yukang New Material Co., Ltd.	年产19500吨医药中间体项目调节阀 The annual output of 19500 tons of pharmaceutical intermediates project control valve
5	山东新和成精化科技有限公司 Shandong Xinhecheng Fine Chemical Technology Co., Ltd.	年产11000吨营养品及9000吨精细化学品项目；维生素PG项目19 Annual output of 11,000 tons of nutrients and 9,000 tons of fine chemicals project; Vitamin PG project 19
6	山东亘元生物科技有限公司 Shandong Genyuan Biotechnology Co., Ltd.	一期年产5000吨一环己二酮项目；医药农药中间体项目切断阀 The first-phase annual output of 5000 tons of cyclohexanedione project; Pharmaceutical pesticide intermediate project cut-off valve
7	西安科伟化工有限公司渭南分公司 Xi'an Kewei Chemical Co., Ltd. Weinan Branch	西安科伟化工渭南5万吨/年食品级CO2提纯项目调节阀 Xi'an Kewei Chemical Weinan 50,000 tons/year food-grade CO2 purification project regulator
8	杭州和利时自动化系统工程有限公司 Hangzhou HollySys Automation Co., Ltd.	8万吨/年草甘膦溶媒及副产物回收技改项目 80,000-tons/year glyphosate solvent and by-product recovery technical renovation project
9	山东中盛药化设备有限公司 Shandong Zhongsheng Pharmaceutical & Chemical Equipment Co., Ltd.	福安药业新建原料药项目 New API project of Fuan Pharmaceutical
10	宁夏新安科技有限公司 Ningxia Xin'an Technology Co., Ltd.	7Kta氯甲酸酯类产品扩建项目 7Kta chlorate product expansion project
11	宁夏新安科技有限公司 Ningxia Xin'an Technology Co., Ltd.	6000t年草铵膦原药20000t年甲基亚膦酸二乙酯项目3 6000T year glyphosate raw material 20000t year methylphosphonate diethyl ester Project 3
12	广安利尔化学有限公司 Guang'an Lier Chemical Co., Ltd.	10000吨/年草铵膦技改扩能及配套设施项目-22#装置 10,000 tons/year of gLYPhosate technical renovation expansion and supporting facilities project -22# unit
13	江西兄弟医药有限公司 Jiangxi Xiongdi Medical Co., Ltd.	中试车间氨基丙酸电渗析气动阀 Aminopropionic acid electrodialysis pneumatic valve in pilot plant
14	利尔化学股份有限公司 Lier Chemical Co., Ltd.	氯氨吡啶酸技改和绿草定技改 Chloropyridine acid and chloropyridine technology
15	青岛恒宁生物科技有限公司 Qingdao Hengning Biotechnology Co., Ltd.	青岛恒宁生物科技4万吨/年农用化学品原料及中间体项目控制阀 Qingdao Hengning Biotechnology 40000 tons/year agricultural chemical raw materials and intermediates project control valve
16	能特科技有限公司 Nengte Technology Co., Ltd.	年产900吨高级医药中间体搬迁改造项目调节阀 With an annual output of 900 tons of advanced pharmaceutical intermediates transfer and transformation project control valve
17	江西泰德工程有限公司 Jiangxi Taide Engineering Co., Ltd.	宁夏恒利年产4万吨环保型生物基纤维项目一期 Ningxia Hengli annual output of 40,000 tons of environmental protection bio-based fiber project phase I
18	山东志鸿自动化科技有限公司 Shandong Zhihong Automation Technology Co., Ltd.	新华制药寿光有限公司-1万吨/年乙酞丙酮钙（锌）项目 Xinhua Pharmaceutical Shouguang Co., LTD. - 10,000-tons/year calcium acetyl acetone (zinc) project
19	杭州和利时自动化有限公司 Hangzhou HollySys Automation Co., Ltd.	丽珠制药甲类罐区及氨站紧急切断阀 Lizhu pharmaceutical class A tank area and ammonia station emergency cut-off valve
20	哈尔滨海泰瑞德科技有限公司 Harbin Haitai Ruide Technology Co., Ltd.	象屿金谷生物科技有限公司玉米深加工 Xiangyu Golden Valley Biotechnology Co., LTD. Corn deep processing
21	沈阳东瑞精细化工有限公司 Shenyang Dongrui Fine Chemical Co., Ltd.	东北制药-东瑞公司 Dongbei Pharmaceutical co., LTD
22	北京丰瑞制药设备有限公司 Beijing Fengrui Pharmaceutical Equipment Co., Ltd.	黑龙江联顺生物科技有限公司201车间 Heilongjiang Lianshun Biological Technology Co., LTD. Workshop 201
23	广西新天德能源有限公司 Guangxi Xintande Energy Co., Ltd.	广西新天德能源吡啶项目 Pyridine project of Guangxi Xintande Energy
24	山东昆达生物科技有限公司 Shandong Kunda Biotechnology Co., Ltd.	山东昆达生物产醇油 Kunda in Shandong province produces alcohol oil
25	再发现（北京）科技有限公司 DoDiscovery (Beijing) Technology Co., Ltd.	重庆天地药业A03和06车间调节阀、切断阀 Chongqing tiandi Pharmaceutical A03 and 06 workshop control valve, cut-off valve
26	西安沃尔德电气自动化工程有限公司 Xi'an Woerde Electric Automation Engineering Co., Ltd.	高端原料药新区建设项目 Construction project of high-end API new area
27	浙江新和成股份有限公司 Zhejiang Xinhecheng Co., Ltd.	浙江新和成股份有限公司塔山原料药 Zhejiang NHU Company Ltd. Tashan API
28	安道麦股份有限公司 ADAMA Co., Ltd.	安道麦股份有限公司氯碱安全整改；污水稀硫酸改造 Chlor-alkali safety rectification of Andaomai Co., LTD. Dilute sulfuric acid transformation of sewage
29	天俱时工程科技集团有限公司 TIANSH Engineering Technology Group Co., Ltd.	康龙化成（绍兴）药业有限公司一车间 1 workshop of Phamaron (Shaoxing) Pharmaceutical Co., LTD
30	山东正特生物科技有限公司 Shandong Zhengte Biotechnology Co., Ltd.	欧铭庄保龄调节阀、抗生素阀 Ouming Zhuang Bowling bao regulating valve, antibiotic valve
21	河北瑞银科技有限公司 Hebei Ruiyin Technology Co., Ltd.	石药集团中诺药业新建项目 New project of Zhongnuo Pharmaceutical of Shiyao Group
32	北京诚益通控制工程科技股份有限公司 Beijing Chieftain Control Engineering Technology Co., Ltd.	宜昌东阳光制药有限公司创新药-仿制药一期项目-合成车间1、合成车间2 Yichang East Sunshine Pharmaceutical Co., LTD. Innovative drug - generic drug phase I project - Synthesis workshop 1, synthesis Workshop 2
33	浙江中控系统工程有限公司 Zhejiang Zhongkong System Engineering Co., Ltd.	齐鲁制药-乐陵二期1300车间1400车间控制阀 Qilu Pharmaceutical - Leling li 1300 Workshop 1400 Workshop control valve
34	沈阳东北制药装备制造安装有限公司 Shengyang Northeast Pharmaceutical Equipment Manufacturing and Installation Co., Ltd.	东北制药罐区 Northeast Pharmaceutical Canning District
35	山东安信制药有限公司 Shandong Anxin Pharmaceutical Co., Ltd.	山东安信制药500车间SIS系统增补 Shandong Anxin Pharmaceutical 500 workshop SIS system supplement



冶金（钢铁、多晶硅、有机硅）行业 Metallurgy (Steel, Polysilicon, Silicone) Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	北京辰泰亿腾科技有限公司 Beijing Chentai Yiteng Technology Co., Ltd.	辰泰科技炼铁高炉调节蝶阀 Control butterfly valves for blast furnaces of Chentai Technology
2	浙江正才贸易有限公司 Zhejiang Zhengcai Trade Co., Ltd.	孝义兴安化工有限公司 氧化铝60万吨/年二期 Xiaoyi Xing'an Chemical Co., Ltd. 600,000-tons/year alumina / phase II
3	固安金科源机电自动化有限公司 Gu'an Jinkeyuan Electromechanical Automation Co., Ltd.	固安金科源炼铁高炉切断阀 Shut-off valves for blast furnaces of Gu'an Jinkeyuan
4	首钢京唐钢铁联合有限责任公司 Shougang Jingtang United Iron & Steel Co., Ltd.	炼钢部CO2顶吹项目调节阀 Control valves for CO2 top blowing project of steelmaking department
5	北京金自天正智能控制股份有限公司 Beijing Artime Intelligent Control Co., Ltd.	淮钢特钢脱磷项目 Dephosphorization project of Huaigang Special Steel
6	中冶南方工程技术有限公司 WISDRI Engineering & Research Incorporation Ltd.	江西新余炼钢；张家港扬子江冷轧板有限公司 Jiangxi Xinyu Steelmaking; Zhangjiagang Yangtze River Cold Rolled Sheet Co., Ltd.
7	攀钢钒焦炉煤团工程技术有限公司 Ansteel Group Engineering Technology Co., Ltd.	攀钢钒焦炉煤气精脱硫项目 Vanadium coke oven gas desulfurization project of Pangang
8	武汉钢铁有限公司 Wuhan Iron and Steel Co., Ltd.	武钢焦化硫回收；武钢脱硫；武钢酸汽放散切断阀点火空气切断阀 WISCO coking sulfur recovery; WISCO desulfurization; WISCO acid vapor release cut-off valve and ignition air cut-off valve
9	新余新钢自动化信息技术有限公司 Xinyu Xingang Automation Information Technology Co., Ltd.	新余钢铁股份有限公司-铁前吹喷罐压力调节阀 Xinyu Iron and Steel Co., Ltd. - pressure control valves for blowing tank
10	鞍山拓达工程技术有限公司 Anshan Tuoda Engineering Technology Co., Ltd.	武钢联合焦化公司/氨分解硫回收装置 WISCO United Coking Company/ammonia decomposition sulfur recovery plant
11	湖南镔目科技有限公司 Hunan Ramon Technology Co., Ltd.	普阳钢铁-轧钢 PuYang Iron and Steel - rolled steel
12	包头市钢建自动化有限公司 Baotou Gangjian Automation Co., Ltd.	包钢3*240T转炉滑板挡渣、气化、氮封 Baotou Steel's 3*240T converter slide plate for slag blocking, gasification and nitrogen sealing
13	中江能源回收扬州分公司 CER Energy Recovery Yangzhou Co., Ltd.	河南中原黄金冶炼厂整体搬迁升级改造项目 Overall relocation and upgrading project of Henan Zhongyuan Gold Smelter
14	江苏横河集团有限公司 Jiangsu Henghe Group Co., Ltd.	安徽铜冠有色金属（池州）有限责任公司公辅工程 Public auxiliary project of Anhui Tongguan Non-ferrous Metals (Chizhou) Co., Ltd.
15	宝信软件（武汉）有限公司 Baosight Software (Wuhan) Co., Ltd.	宝钢湛江钢铁三高炉系统项目焦化工程焦炉炭化室压力调节系统 Coke oven coking chamber pressure control system of coking project of No. 3 blast furnace system project of Baosteel Zhanjiang Iron and Steel Co., Ltd.
16	河北安丰钢铁有限公司 Hebei Anfeng Iron & Steel Co., Ltd.	河北安丰钢铁有限公司阀门 Valves of Hebei Anfeng Iron and Steel Co., Ltd.
17	巴彦淖尔市飞尚铜业有限公司 Bayannur Feishang Copper Co., Ltd.	巴彦淖尔市飞尚铜业有限公司蝶阀 Butterfly valves of Bayannur Feishang Copper Co., Ltd.
18	中国恩菲工程技术有限公司 China Enfi Engineering Corporation	刚果金庞比铜钴矿项目 Copper-cobalt mine project of Pompeii, Congo (DRC)
19	杭州锅炉集团股份有限公司 Hangzhou Boiler Group Co., Ltd.	前进钢铁2x130t/h煤气锅炉 2x130t/h gas boiler of Qianjin Steel
20	石横特钢集团有限公司 Shiheng Special Steel Group Co., Ltd.	石横特钢集团特种钢项目炼铁喷煤系统控制阀 Control valves of iron-making coal injection system for special steel project of Shiheng Special Steel Group
21	东岳集团 Dongyue Group	东岳有机硅高粘107胶有机硅项目 High viscosity 107 glue silicone project of Dongyue Silicone
22	唐山三孚硅业股份有限公司 Tangshan Sunfar Silicon Industry Co., Ltd.	新特能源股份有限公司10万吨/年多晶硅建设项目蒸汽锅炉蒸汽调节阀 Steam control valves for steam boilers of 100,000 tons/year polysilicon construction project of Xinte Energy Co., Ltd.
23	江苏双良锅炉有限公司 Jiangsu Shuangliang Boiler Co., Ltd.	新疆新特晶体硅高科技有限公司2.4万吨/年高纯多晶硅技术改造项目 24,000-tons/year high-purity polysilicon technology transformation project of Xinjiang Xinte Crystal Silicon High-tech Co., Ltd.
24	江西蓝星星火有机硅有限公司 Jiangxi Bluestar Xinghuo Silicones Co., Ltd.	内蒙古东立光伏电子有限公司1.2万吨/年多晶硅二期扩改 Phase II of 12,000 tons/year polysilicon expansion and reconstruction project of Inner Mongolia Dongli Photovoltaic Electronics Co., Ltd.
25	宁夏福泰硅业有限公司新材料分公司 Ningxia Futai Silicon Co., Ltd. New Material Branch	青海亚洲硅业3万吨/年电子级多晶硅 30,000-tons/year electronic grade polysilicon of Qinghai Asia Silicon
26	青海亚洲硅业半导体有限公司 Qinghai Asia Silicon Semi-conductor Co., Ltd.	干燥机改造及冷氢化技改项目；1万吨/年多晶硅项目 Dryer renovation and cold hydrogenation technical transformation project, 10,000-tons/year polysilicon project
27	新特能源股份有限公司 Xinte Energy Co., Ltd.	内蒙古新特一期10万吨/年高纯多晶硅绿色能源循环经济建设项目 Phase I of 100,000-tons/year high-purity polysilicon green energy circular economy construction project of Inner Mongolia Xinte
28	江苏双良锅炉有限公司 Jiangsu Shuangliang Boiler Co., Ltd.	润阳一期5万吨/年项目40&60对棒还原模块 40&60 rod reducing module of phase I of 50,000-tons/year project of Runyang
29	内蒙古新特硅材料有限公司 Inner Mongolia Xinte Silicon Material Co., Ltd.	2.4万吨/年高纯多晶硅转型升级项目切断阀、非波纹管调节阀 Shut-off valves and non-bellows control valves for 24,000-tons/year high-purity polysilicon transformation and upgrading project
30	内蒙古新特硅材料有限公司 Inner Mongolia Xinte Silicon Material Co., Ltd.	新特能源股份有限公司2.4万吨/年高纯多晶硅绿色循环经济项目 24,000-tons/year high-purity polysilicon green circular economy project of Xinte Energy Co., Ltd.
21	内蒙古新特硅材料有限公司 Inner Mongolia Xinte Silicon Material Co., Ltd.	多晶硅深化冷氢化关键技术产业化项目 Project of deepening the industrialization of polysilicon cold hydrogenation key green technology
32	乌海市上正阀门销售有限公司 Wuhai Shangzheng Valve Sale Co., Ltd.	12万吨/年多晶硅项目 120,000 tons/year polysilicon project
33	四川永祥新能源有限公司 Sichuan Yongxiang New Energy Co., Ltd.	1万吨/年107胶装置控制阀 Control valves for 10,000 tons/year 107 glue plant
34	四川永祥新能源有限公司 Sichuan Yongxiang New Energy Co., Ltd.	副产物利用综合优化项目800吨/年高沸硅油控制阀 Control valves for 800 tons/year high-boiling silicone oil of by-product utilization comprehensive optimization project
35	唐山市丰润区泰坦商贸有限公司 Tangshan Fengrun Taitan Trade Co., Ltd.	准能年产12万吨多晶硅（一期3万吨/年）还原和冷氢化车间气动调节阀 Pneumatic control valves for 120,000 tons/year polysilicon (30,000 tons/year in phase I) reduction and cold hydrogenation workshop of Zhuneng

Company Achievements (Part)

公司业绩（部分）

电力行业 Power Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	苏州汀州机电有限公司 Suzhou Tingzhou Electromechanical Co., Ltd.	我国首个石墨工质塔式光热发电示范项目 China's first graphite working tower CSP demonstration project
2	陕西清水川能源股份有限公司 Shaanxi Qingshuichuan Energy Co., Ltd.	陕西府谷清水川煤电一体化项目电厂二期（2X1000MW）工程 Phase II (2X1000MW) of power plant project of coal-power integration project of Shaanxi Fugu Qingshuichuan
3	山东鲁能国际贸易有限公司 Shandong Ludian International Trade Co., Ltd.	神华神东电力河曲2X350MW低热值煤电新建工程 2X350MW low calorific value coal power generation new project of Shenhua Shendong Electric Power Hequ Power Generation Co., Ltd.
4	北京沃腾迅精控自动化技术有限公司 Beijing Wotengxun Jingkong Automation Technology Co., Ltd.	157-在平信发3×700MW 157-Chiping Xinfa Group 3×700MW
5	北京沃腾迅精控自动化技术有限公司 Beijing Wotengxun Jingkong Automation Technology Co., Ltd.	在平信源铝业有限公司700MW机组工程 700MW unit project of Chiping Xinyuan Aluminum Co., Ltd.
6	西北电力设计院有限公司 Northwest Electric Power Design Institute Co., Ltd.	陕西商洛发电有限公司2×660MW工程 2×660MW project of Shaanxi Shangluo Power Generation Co., Ltd.
7	四川东方电气自动控制工程有限公司 Sichuan Dongfang Electric Automatic Control Engineering Co., Ltd.	东方自控-600MW示范快堆项目 Dongfang Automation - 600MW fast reactor demonstration project
8	杭州金联自动化工程技术有限公司 Hangzhou Jinlian Automation Engineering Technology Co., Ltd.	2×600MW级机组新建项目 2×600MW unit new project
9	江苏国信淮安第二燃气发电有限责任公司 Jiangsu Guoxin Huaian Second Gas Power Generation Co., Ltd.	江苏国信淮安盐化工园区2x400MW燃机电联产工程 2x400MW gas turbine cogeneration project of Jiangsu Guoxin Huaian Salt Chemical Industry Park
10	新疆其亚铝业公司 Xinjiang Qiya Aluminum Power Co., Ltd.	2x360WWM自备火电厂5-6#机组项目 2x360WWM self-provided thermal power plant 5-6# unit project
11	山东舜业压力容器有限公司 Shandong Shunye Pressure Vessels Co., Ltd.	2X350热电联产项目 2X350 cogeneration project
12	山东信莱大豆生物科技有限公司 Shandong Xinlai Soybean Biotechnology Co., Ltd.	1*40MW电厂项目 1*40MW power plant project
13	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	山西立恒项目 1X40MW机组项目 1X40MW unit project of Shanxi Liheng Project
14	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	都市环保萍钢 1 × 35MW CCEPC PXSTEEL 1×35MW
15	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	东部环保电厂3x60MW项目 3x60MW project of Shenzhen East Waste-to-Energy Plant
16	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	扬州恒润1X65MW（D65B-24T）项目 1X65MW (D65B-24T) project of Yangzhou Hengrun
17	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	东汽-核电霞浦国产温度调节阀及备件 Dongfang Turbine - homemade temperature control valves and spare parts for Nuclear Power Xiapu
18	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	核电霞浦最小流量阀和低压缸喷水阀 Minimum flow valves and low pressure cylinder water injection valves for Nuclear Power Xiapu
19	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	东汽-钦州改造1#、2#项目国产喷水调节阀 Dongfang Turbine - homemade water spray control valves for Qinzhou renovation project 1# and 2#
20	东方电气集团东方汽轮机有限公司 Dongfang Turbine Co., Ltd. of Dongfang Electric Corporation	国核压水堆示范工程疏水泵最小流量阀2# Minimum flow valve 2# for drain pump of PWR demonstration project of SNPTC
21	福建宁德核电有限公司 Fujian Ningde Nuclear Power Co., Ltd.	福建宁德核电有限公司 Fujian Ningde Nuclear Power Co., Ltd.
22	岭东核电有限公司 Lingdong Nuclear Power Co., Ltd.	岭东核电有限公司 Lingdong Nuclear Power Co., Ltd.
23	辽宁红沿河核电有限公司 Liaoning Hongyanhe Nuclear Power Co., Ltd.	中广核辽宁红沿河阀门及备件 Valves and spare parts of CGN Liaoning Hongyanhe Nuclear Power Co., Ltd.
24	杭州金联自动化工程技术有限公司 Hangzhou Jinlian Automation Engineering Technology Co., Ltd.	杭州富丽达热电170吨高温高压双减装置项目 170-ton high temperature and high pressure double reduction plant project of Hangzhou Fulida Thermal Power Co., Ltd.
25	山东京博控股股份有限公司恒丰分公司 Shandong Jingbo Holding Co., Ltd. Hengfeng Branch	热电1#2#炉130th循环流化床锅炉低氮排放改造工程项目 Thermal power 1#2# furnace 130th CFB boiler low nitrogen emission reconstruction project
26	湖南哈锅电力成套设备有限公司 Hunan Haguo Electric Power Complete Equipment Co., Ltd.	湖南哈锅电力成套设备有限公司成套敦煌一期5万千瓦熔盐线性菲涅尔式光热发电项目 Phase I of 50,000-kilowatt molten salt linear Fresnel CSP project in Dunhuang of Hunan Haguo Electric Power Complete Equipment Co., Ltd.
27	中广核研究院有限公司 CGN Research Institute Co., Ltd.	中广核研究院试验装置阀门 Valve of testing device of CGN Research Institute
28	西安大唐电力设计研究院有限公司 Xian Dalang Electric Power Design Institute Co., Ltd.	富锦象屿金谷生化科技有限公司60万吨/年玉米加工项目自备热电站工程 Self-provided thermal power station project of 600,000 tons/year corn processing project of Fujin Xiangyu Jin'gu Biochemical Technology Co., Ltd.
29	杭州德远自控工程有限公司 Hangzhou Deyuan Automatic Control Engineering Co., Ltd.	河北文安生活垃圾焚烧发电 Project of power generation through incineration of domestic refuse in Wen'an of Hebei
30	内江嵩兴商贸有限公司 Neijiang Songxing Trade Co., Ltd.	高坝电厂-减温水调节阀 Gaoba Power Plant - desuperheating water control valve
21	新疆石油管理局有限公司 Xinjiang Petroleum Administration Bureau Co., Ltd.	新疆油田公司白碱滩电厂 Bajiantan Power Plant of Xinjiang Oilfield Company
32	杭州锅炉集团股份有限公司 Hangzhou Boiler Group Co., Ltd.	杭州锅炉集团股份有限公司金田纸业 Jintian Paper project of Hangzhou Boiler Group Co., Ltd.
33	西子清洁能源装备制造股份有限公司 Xizi Clean Energy Equipment Manufacturing Co., Ltd.	杭州锅炉集团股份有限公司杭州智兴热电 Hangzhou Zhixing Thermal Power project of Hangzhou Boiler Group Co., Ltd.
34	杭州锅炉集团股份有限公司 Hangzhou Boiler Group Co., Ltd.	杭州锅炉集团股份有限公司米桑项目 Maysan project of Hangzhou Boiler Group Co., Ltd.
35	西藏金申通工贸有限责任公司 Xizang Jinshentong Trade Co., Ltd.	西藏藏中建材余热发电 Waste heat power generation project of Tibet Zangzhong Building Materials Co., Ltd.

装备制造行业 Equipment Manufacturing Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	沈阳透平机械股份有限公司 Shenyang Turbine Machinery Co., Ltd.	内蒙古康奈尔30万吨/年乙二醇项目 300,000-tons/year ethylene glycol project of Inner Mongolia Connell Chemical Industry Co., Ltd.
2	沈阳透平机械股份有限公司 Shenyang Turbine Machinery Co., Ltd.	神华新疆68万吨/年煤基新材料项目净化装置 Purification plant of 680,000 tons/year coal-based new material project of Shenhua Xinjiang Energy Co., Ltd.
3	上海阿波罗机械股份有限公司 Shanghai Apollo Machinery Co., Ltd.	宁夏天利丰低温泵测试平台低温阀门 Cryogenic valves for cryogenic pump test platform of Ningxia Tianlifeng
4	中油管道机械制造有限公司 China Petroleum Pipeline Machinery Manufacturing Co., Ltd.	长庆油田采油十厂庆五联2500KW热媒炉 2500KW heat medium furnace of No. 10 oil production plant of Changqing Oilfield
5	荆门宏图特种飞行器制造有限公司 Jingmen Hongtu Special Aircraft Manufacturing Co., Ltd.	荆门宏图特种飞行器制造有限公司大型低温液体储罐 Large cryogenic liquid storage tank of Jingmen Hongtu Special Aircraft Manufacturing Co., Ltd.
6	天津市环亚船用热交换器有限公司 Tianjin Huanya Marine Heat Exchanger Co., Ltd.	深水多相流动态环境道腐蚀评价装置建设项目 Deepwater multiphase flow dynamic loop corrosion evaluation device construction project
7	河北弗林流体控制设备有限公司 Hebei Fulin Fluid Control Equipment Co., Ltd.	唐山市液化天然气储罐及配套设施改造项目 LNG storage tank and supporting facilities renovation project in Tangshan
8	宁夏宝丰能源集团股份有限公司 Ningxia Baofeng Energy Group Co., Ltd.	宁夏宝丰能源太阳能电解水制氢项目蝶阀 Butterfly valves for solar electrolyzed water hydrogen production project of Ningxia Baofeng Energy Group Co., Ltd.
9	赛鼎工程有限公司 Sedin Engineering Co., Ltd.	新业能化燃料气压缩回收技改项目 Fuel gas compression and recovery technical transformation project of Xinye Energy Chemical Co., Ltd.
10	沈阳鼓风机集团股份有限公司 Shenyang Blower Works Group Corporation	防喘振阀 Anti-surge valve
11	沈阳鼓风机集团股份有限公司 Shenyang Blower Works Group Corporation	防喘振蝶阀 Anti-surge butterfly valve
12	西安陕鼓动力股份有限公司 Xian Shaangu Power Co., Ltd.	出口伊朗PHM项目 PHM project for export to Iran
13	西安陕鼓动力股份有限公司工程技术分公司 Xian Shaangu Power Co., Ltd. Engineering Technology Branch	安阳顺利低碳甲醇联产LNG项目 Low-carbon methanol co-production LNG project of Anyang Shunli
14	西安陕鼓动力股份有限公司 Xian Shaangu Power Co., Ltd.	PHM项目EBS45机组 EBS45 unit of PHM project
15	山东科瑞压缩机有限公司 Shandong Kerui Compressor Co., Ltd.	科瑞KCP121电驱往复式压缩机项目 KCP121 electric-driven reciprocating compressor project of Kerui
16	山东科瑞压缩机有限公司 Shandong Kerui Compressor Co., Ltd.	KCP107压缩机项目气动调节阀 Pneumatic control valves for KCP107 compressor project
17	山东省章丘鼓风机股份有限公司 Shandong Zhangqiu Blower Co., Ltd.	格尔木硫磺回收装置项目成撬用蝶阀；章鼓呼炼硫磺回收装置项目 Butterfly valves for sulphur recovery unit project of Golmud; sulphur recovery unit project of Zhanggu
18	杭州冰冷科技有限公司 Hangzhou Bingleng Technology Co., Ltd.	3200CUMPH驰放气回收撬装设备2 3200CUMPH purge gas recovery skid-mounted equipment 2
19	杰瑞石油天然气工程有限公司 Jereh Oil & Gas Engineering Corporation	突尼斯沈鼓压缩机配套 Tunisian compressor auxiliaries project of Shenyang Blower Works Group Corporation
20	廊坊市中环仪表机电有限公司 Langfang Zhonghuan Instrument Electrical and Mechanical Co., Ltd.	长庆油田采气—厂采出水处理2000kW导热油炉系统 2000kW heat transfer oil furnace system for produced water treatment of Changqing Oilfield No.1 Gas Production Plant
21	四川泰博流体科技有限公司 Sichuan Tibo Fluid Technology Co., Ltd.	25方压缩机项目 25 m³ compressor project
22	国家管网集团北方管道有限责任公司 National Pipe Network Group Northern Pipeline Co., Ltd.	秦沈线盘锦支线盘锦压气站增设压缩机组工程 Additional compressor unit project in Panjin compressor station of Panjin Branch Line of Qinshen Line
23	浙江大川空分设备有限公司 Zhejiang Dachuan Air Separation Plant Co., Ltd.	宝来2000大槽空分设备 2000 large tank air separation plant of Baolai
24	杭州制氧机集团股份有限公司 Hangzhou Oxygen Plant Group Co., Ltd.	20万吨/年焦炉气制无水乙醇项目CO深冷分离装置 CO cryogenic separation plant of 200,000 tons/year coke oven gas to anhydrous ethanol project
25	上海纳岩控制工程有限公司 Shanghai Nayan Control Engineering Co., Ltd.	上海齐耀热能-河南心连心蒸汽增压项目蒸汽压缩机组 Shanghai Qiyao Thermal Energy - steam compressor unit of steam booster project of Henan Xinlianxin
26	山东京博装备制造安装有限公司 Shandong Jingbo Equipment Manufacturing and Installation Co., Ltd.	山东京博物流多功能沥青青能多式联运项目电动控制阀 Electric control valves for multi-functional asphalt intelligent multimodal transport project of Shandong Chambroad Logistics Co., Ltd.
27	成都赛普能源有限公司 Chengdu Saipu Energy Co., Ltd.	清深项目压缩机配套 Compressor supporting project in Manshen
28	双良节能系统股份有限公司 Shuangliang Eco-energy Systems Co., Ltd.	陕西榆能化学材料有限公司净化装置CO2压缩机驱动汽轮机 CO2 compressor-driven steam turbine of purification plant of Shaanxi Yuneng Chemical Materials Co., Ltd.
29	中国石油集团济柴动力有限公司成都压缩机分公司 PetroChina Jichai Power Co., Ltd. Chengdu Compressor Branch	DTY1250M445压缩机组气动阀 DTY1250M445 compressor unit pneumatic valve
30	中国石油集团济柴动力有限公司成都压缩机分公司 PetroChina Jichai Power Co., Ltd. Chengdu Compressor Branch	DTY220MH120天然气压缩机组 DTY220MH120 natural gas compressor unit
21	中国石油集团济柴动力有限公司成都压缩机分公司 PetroChina Jichai Power Co., Ltd. Chengdu Compressor Branch	DTY1800H220压缩机组气动阀 DTY1800H220 compressor unit pneumatic valve
32	山东省潍坊生建压缩机有限责任公司 Shandong Weifang Shengjian Compressor Co., Ltd.	潍坊生建压缩机有限公司配套用阀 Supporting valves of Weifang Shengjian Compressor Co., Ltd.
33	山东科瑞压缩机有限公司 Shandong Kerui Compressor Co., Ltd.	KCP11-土库曼斯坦再生气压缩机 KCP11 - Turkmenistan regeneration gas compressor
34	上海极特艾流体控制设备有限公司 Shanghai Jiteai Fluid Control Equipment Co., Ltd.	XHHC配套项目；SHBL配套项目 XHHC supporting project, SHBL supporting project
35	苏州奥德机械有限公司 Suzhou Aode Machinery Co., Ltd.	设备配套项目 Equipment supporting projects

Company Achievements (Part)

公司业绩（部分）

油气开采及储运行业 Oil & Gas Exploitation, Storage And Transportation Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	国家管网集团联合管道有限责任公司西气东输分公司 National Pipe Network Group United Pipeline Co., Ltd. West-east Gas Transmission Branch	西气东输三线闽粤支干线（广州-潮州段）工程 Fujian-Guangdong branch line (Guangzhou-Chaozhou section) project of the third west-east gas pipeline project
2	辽河石油勘探局有限公司物资分公司 Liaohe Petroleum Exploration Bureau Co., Ltd. Material Branch	辽河双台子储气库群地面工程（一期）双6扩容10口井1800万方采气处理装置 Double 6 expansion 10-well 18 million m3 gas production and treatment plant of Liaohe Shuangtaizi Gas Storage Cluster Surface Project (phase I)
3	新地能源工程技术有限公司装备集成分公司 Xindi Energy Engineering Technology Co., Ltd. Equipment Integration Branch	1300万方天然气应急调峰储气站配套30万吨/年乙二醇项目装卸车撬外自控阀 Automatic control valves outside the loading and unloading truck skid of 300,000 tons/year ethylene glycol project of 13 million m³ natural gas emergency peak-shaving and gas storage station supporting project
4	新地能源工程技术有限公司装备集成分公司 Xindi Energy Engineering Technology Co., Ltd. Equipment Integration Branch	新疆阿拉尔项目30万方撬内撬外；鲍墟二期气动阀门 Xinjiang Alar Project 300,000 m³ inside and outside skid; pneumatic valves for phase II of Baoxu Project
5	江苏富瑞能源服务有限公司 Jiangsu Furui Energy Service Co., Ltd.	张家港富瑞-20万方液化撬装-调节阀；富瑞20万方JT阀 Zhangjiagang Furui - 200,000 m³ liquefaction skid-mounting - control valve; 200,000 m³ JT valve of Furui
6	中国石油工程建设有限公司华北分公司 China Petroleum Engineering & Construction Corporation North China Branch	格尔木市二期15000立方米（水容积）液化天然气储运调峰（政府储气）项目 Phase II of 15,000 m³ (water volume) LNG storage, transportation and peak-shaving (governmental gas storage) project in Golmud City
7	中国石油工程建设有限公司华北分公司 China Petroleum Engineering & Construction Corporation North China Branch	乐都区15000立方米液化天然气储运调峰（政府储气）EPC项目 15,000 m³ LNG storage, transportation and peak-shaving (governmental gas storage) EPC project in Ledu District
8	中国石油工程建设有限公司华北分公司 China Petroleum Engineering & Construction Corporation North China Branch	德令哈市2500立方米（水容积）液化天然气储运调峰（政府储气）项目 2,500 m³ (water volume) LNG storage, transportation and peak-shaving (governmental gas storage) project in Delingha City
9	杭州中泰深冷技术股份有限公司 Hangzhou Zhongtai Cryogenic Technology Corporation	忠县日处理120万方页岩气液化储备调峰及综合利用项目 Daily processing of 1.2 million m³ shale gas liquefaction reserve and peak-shaving and comprehensive utilization project in Zhongxian County
10	杭州中泰深冷技术股份有限公司 Hangzhou Zhongtai Cryogenic Technology Corporation	第十三师天然气储备调峰及基础配套工程项目 Thirteenth division natural gas reserve and peak-shaving and basic supporting project
11	杭州中泰深冷技术股份有限公司 Hangzhou Zhongtai Cryogenic Technology Corporation	中安信资新疆燃气有限公司5万立方米LNG储罐项目 50,000 m³ LNG storage tank project of Zhongan Xinzi Xinjiang Gas Co., Ltd.
12	山西压缩天然气集团运城有限公司盐湖区液化分公司 Shanxi Compressed Natural Gas Group Yuncheng Co., Ltd. Yanhu Liquefaction Branch	运城盐湖工业园区LNG液化调峰项目 LNG liquefaction peak-shaving project of Yuncheng Salt Lake Industrial Park
13	中石化胜利油建工程有限公司 Sinopec Shengli Petroleum Construction Engineering Co., Ltd.	山东管网南干线天然气管道工程压力控制系统项目 Pressure control system project of natural gas pipeline project of south main line of Shandong Pipeline Network
14	中石化胜利油建工程有限公司 Sinopec Shengli Petroleum Construction Engineering Co., Ltd.	天津液化天然气（LNG）输气项目 Tianjin liquefied natural gas (LNG) gas transmission project
15	中石化胜利油建工程有限公司 Sinopec Shengli Petroleum Construction Engineering Co., Ltd.	广西天然气管网有限责任公司湛江站改造项目 Reconstruction project of Zhanjiang station of Guangxi Natural Gas Pipeline Network Co., Ltd.
16	中石化胜利油建工程有限公司 Sinopec Shengli Petroleum Construction Engineering Co., Ltd.	濮阳-范县-台前输气管道工程电动轴流式调节阀 Electric axial flow control valves for Puyang-Fanxian-Taiqian gas pipeline project
17	中国石油工程建设有限公司西南分公司 China Petroleum Engineering & Construction Corporation Southwest Branch	中油天然气研究院页岩气脱水撬装装置EP总承包项目 EP general contracting project of shale gas dehydration skid-mounted device of PetroChina Research Institute
18	中国石油工程建设有限公司西南分公司 China Petroleum Engineering & Construction Corporation Southwest Branch	长春市城市LNG应急调峰储配站项目气动切断阀 Pneumatic shut-off valves for urban LNG emergency peak-shaving, storage and distribution station project in Changchun City
19	中国寰球工程有限公司北京分公司 China Huanqiu Contracting & Engineering Co., Ltd. Beijing Branch	浙江嘉兴（平湖）LNG应急调峰储运站项目库区工程 Reservoir area project of LNG emergency peak-shaving, storage and transportation station project of Jiaxing (Pinghu), Zhejiang
20	陕西省燃气设计院有限公司 Shaanxi Gas Design Institute	豫西南LNG应急储备中心EPC总承包项目 LNG emergency reserve center EPC general contracting project of Southwest of Henan
21	中油管道物资装备有限公司 China Petroleum Pipeline Material & Equipment Corporation	乍得ORYX油田原油外输管道及末站工程控制阀 Control valves for crude oil transportation pipeline and terminal engineering of ORYX oilfield in Chad
22	北京奥优石化机械有限公司 Beijing Aoyou Petrochemical Machinery Co., Ltd.	河南省发展燃气有限公司中薛线官渡支线工程站场工艺设备采购项目 Engineering station process equipment procurement project of Guandu Branch Line of Zhongxue Line of Henan Development Gas Co., Ltd.
23	河北布雷森诺商贸有限公司 Hebei Buleisennuo Trade Co., Ltd.	华北油田输气管线改造 Gas pipeline reconstruction in Huabei Oilfield
24	中国石油天然气管道工程有限公司 China Petroleum Pipeline Engineering Corporation	深圳LNG与中石油（迭福北）LNG 调峰站连通线配套设施改扩建工程 Shenzhen LNG and PetroChina (Diefubei) LNG peak-shaving station connecting line supporting facilities reconstruction and expansion project
25	中国石油工程建设有限公司 China Petroleum Engineering & Construction Corporation	南苏丹124区EI Nar和EI Toor油田复产项目 EI Nar and EI Toor oilfields resumption project in area 124 of South Sudan
26	北京环宇博亚科技有限公司 Beijing Huanyu Boya Technology Co., Ltd.	中俄东线天然气管道工程（长岭-永清） China-Russia east-route natural gas pipeline project (Changling-Yongqing)
27	河北布雷森诺商贸有限公司 Hebei Buleisennuo Trade Co., Ltd.	山西燃气产业集团有限公司原平LNG综合应急储气调峰中心项目 Comprehensive emergency gas storage and peak-shaving center project of Shanxi Gas Industry Group Co., Ltd. Yuanping LNG
28	广州福勒自动控制设备有限公司 Guangzhou Fule Automatic Control Equipment Co., Ltd.	粤西天然气主干管网台山分输站翠山湖热电分输用户 Cuishanhu thermal power distribution to users project of Taishan sub-transmission station of Yuxi natural gas main pipeline network
29	中石化石油工程设计有限公司 Sinopec Petroleum Engineering Design Co., Ltd.	中江-龙泉输气管道工程 Zhongjiang-Longquan gas pipeline project
30	迁安市迁控鼎恒能源有限公司 Qian'an Qiankong Dingheng Energy Co., Ltd.	中俄东线36#阀室开口新建迁控鼎恒能源有限公司分输工程 New distribution project of Qiankong Dingheng Energy Co., Ltd. at the opening of 36# valve chamber of China-Russia east-route pipeline project
21	曹妃甸新天液化天然气有限公司 Caofeidian Xintian Liquefied Natural Gas Co., Ltd.	唐山LNG接收站外输管线项目（宝坻-永清段） Tangshan LNG receiving station transportation pipeline project (Baodi-Yongqing section)
32	中石油管道有限责任公司北方分公司 China Petroleum Pipeline Co., Ltd. North Branch	中俄东线天然气管道工程（黑河—长岭） China-Russia east-route natural gas pipeline project (Heihe-Changling)
33	国家管网集团联合管道有限责任公司北方分公司 National Pipe Network Group United Pipeline Co., Ltd. North Branch	国家石油天然气大流量计量站沈阳分站工程天然气计量检定站 Natural gas metering and verification station of project of Shenyang Branch of National Station of Petroleum and Natural Gas Flow Measurement
34	中国石油天然气股份有限公司长庆油田分公司 PetroChina Changqing Oilfield Company	长庆一采第一净化厂硫回收切断阀 Sulfur recovery shut-off valves of No. 1 purification plant of No.1 Gas Production Factory of Changqing Oilfield
35	中国石油天然气股份有限公司长庆油田分公司 PetroChina Changqing Oilfield Company	长庆第一净化厂气质提升技改（尾气处理装置） Gas quality improvement technical transformation (exhaust gas treatment plant) of No. 1 purification plant of No.1 Gas Production Factory of Changqing Oilfield



新能源及新材料行业 New Energy And New Material Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	山东亿维新材料有限责任公司 Shandong Yiwei New Material Co., Ltd.	15万吨/年针状焦炭材料联合装置及系统配套项目 150,000-tons/year needle coke material complex plant and system supporting project
2	山东明大化学科技股份有限公司 Shandong Mingda Chemical Technology Co., Ltd.	山东明大新材料控制阀 Control valves of Shandong Mingda New Material Co., Ltd.
3	宁夏中环光伏材料有限公司 Ningxia Zhonghuan Photovoltaic Materials Co., Ltd.	50GW(G12)太阳能级单晶硅材料智慧工厂项目 50GW (G12) solar-grade monocrystalline silicon material smart factory project
4	苏利（宁夏）新材料科技有限公司 Suli (Ningxia) New Material Technology Co., Ltd.	宁夏苏利新材料有限公司一期工程氨氧化装置调节阀 Control valves for ammonia oxidation plant in phase I of project of Ningxia Suli New Material Co., Ltd.
5	上海明羿工业设备有限公司 Shanghai Mingyi Industrial Equipment Co., Ltd.	碳五碳九分离及下游新材料项目 C5C9 separation and downstream new material project
6	广饶科力达石化科技有限公司 Guangrao Kelida Petrochemical Technology Co., Ltd.	节能型新能源电池材料及配套工程项目自力式阀门 Self-operated valves for energy-saving new energy battery materials and supporting projects
7	宁夏天霖新材料科技有限公司 Ningxia Tianlin New Material Technology Co., Ltd.	年产32500吨含氟新材料及电池级氟化锂项目、VDF项目 32,500 tons/year fluorine-containing new materials and battery-grade lithium fluoride project, VDF project
8	深圳市源禹环保科技有限公司 Shenzhen Yuanyu Environmental Protection Technology Co., Ltd.	南通金通储能动力新材料有限公司氨氮废水治理项目 Ammonia nitrogen wastewater treatment project of Nantong Jintong Energy Storage Power New Material Co., Ltd.
9	宜宾光原锂电材料有限公司 Yibin Guangyuan Lithium Battery Material Co., Ltd.	年产2万吨年锂电三元正极材料前驱体项目 20,000 tons/year lithium battery ternary cathode material precursor project
10	淄博瑞普赛斯经贸有限公司 Zibo Rupusaisi Economy & Trade Co., Ltd.	山东东岳有机硅材料股份有限公司30万吨/年有机硅单体及20万吨/年有机硅下游产品深加工项目 300,000 tons/year silicone monomer and 200,000 tons/year silicone downstream products deep processing project of Shandong Dongyue Silicone Materials Co., Ltd.
11	山东京博聚芳新材料股份有限公司 Shandong Jingbo Jufang New Material Co., Ltd.	山东京博聚芳新材料5000吨/年高性能芳纶纸及配套项目 5,000 tons/year high-performance aramid paper and supporting project of Shandong Jingbo Jufang New Material Co., Ltd.
12	枣庄振兴炭材科技有限公司 Zaozhuang Zhenxing Carbon Technology Co., Ltd.	枣庄振兴炭材科技4万吨/年超高功率电极材料工程焦化单元开关阀 On-off valves for coking unit of 40,000-ton ultra-high-power electrode material project of Zaozhuang Zhenxing Carbon Technology Co., Ltd.
13	重庆延昌建筑工程有限公司 Chongqing Yanchang Construction Engineering Co., Ltd.	江苏瑞盛1万吨/年NCM锂电池正极材料项目 10,000-ton NCM lithium battery cathode material project of Jiangsu Ruisheng
14	新疆晶硕新材料有限公司 Xinjiang Jingshuo New Material Co., Ltd.	铅基新材料绿色循环工艺产业化示范工程项目普通阀、波纹管调节阀、切断阀 Common valves, bellows control valves and shut-off valves for zirconium-based new material green recycling process industrialization demonstration project
15	深圳新宙邦科技股份有限公司 Shenzhen Xinzhoubang Technology Co., Ltd.	宙邦三期锂离子动力电池电解液关键材料 Phase III of lithium-ion power battery electrolyte key materials project of Zhoubang
16	上海绿景仪表科技中心 Shanghai Jilu Instrument Technology Center	东岳未来氢能材料有限公司及技改项目 Dongyue Future Hydrogen Energy Materials Co., Ltd. and technical transformation project
17	中国天辰工程有限公司 China Tianchen Engineering Corporation	福建天辰耀隆新材料有限公司己内酰胺工程技术改造；天辰齐翔尼龙新材料项目 Caprolactam engineering technical transformation project of Fujian Tianchen Yaolong New Material Co., Ltd.; nylon new material project of Tianchen Qixiang
18	淮安利成新材料有限公司 Huai'an Licheng New Material Co., Ltd.	淮安利成新材料有限公司建设年产22.75万吨/年汽车轻量化树脂项目 227,500 tons/year automotive lightweight resin project of Huai'an Licheng New Material Co., Ltd.
19	南京宇清环境科技有限公司 Nanjing Yuying Environmental Technology Co., Ltd.	宁夏百川新材料废水项目 Wastewater project of Ningxia Baichuan New Material Co., Ltd.
20	山东亘元生物科技有限公司 Shandong Genyuan Biotechnology Co., Ltd.	年产16万吨锂电新材料配套装置项目(一期)年产5万吨CEC装置及配套设施项目液氯库房控制阀 160,000 tons/year lithium battery new material supporting device project (phase I), control valves for liquid chlorine warehouse in 50,000 tons/year CEC device and supporting facilities project
21	珠海圣泉高分子材料有限公司 Zhuhai Shengquan High-tech Materials Co., Ltd.	珠海圣泉阀门采购0120-新材料 Zhuhai Shengquan Valve Procurement 0120 - new materials
22	中化高性能纤维材料有限公司 Sinochem High Performance Fiber Materials Co., Ltd.	中化高性能纤维材料有限公司 Sinochem High Performance Fiber Materials Co., Ltd.
23	宁波华泰盛富聚合材料有限公司 Ningbo Huatai Shengfu Polymeric Material Co., Ltd.	宁波华泰盛富聚合材料有限公司 Ningbo Huatai Shengfu Polymeric Material Co., Ltd.
24	烟台东霖仪表有限公司 Yantai Donglin Instrument Co., Ltd.	宜昌三峡中润纳米材料有限公司千吨级纳米金属氧化物生产基地项目 Thousand-ton nanometer metal oxide production base project of Yichang Three Gorges Zhongrun Nanomaterials Co., Ltd.
25	福建省福化鲁华新材料有限公司 Fujian Fuhua Luhua New Material Co., Ltd.	碳五碳九分离及下游新材料项目-包1、包2开关球阀；包4调节阀；包5偏心调节球阀 C5C9 separation and downstream new material project - on-off ball valves for package 1, package 2; control valves for package 4; eccentric control ball valves for package 5
26	中国昆仑工程有限公司 China Kunlun Engineering Co., Ltd.	江阴兴佳新材料有限公司年产150万吨瓶级聚酯切片扩建项目 1.5 million tons/year bottle-grade polyester chips expansion project of Jiangyin Xingjia New Material Co., Ltd.
27	北京中海华鑫能源装备科技有限公司 Beijing Zhonghai Huaxin Energy Equipment Technology Co., Ltd.	宝来新材料供气工程项目 Gas supply project of Bolai New Material Co., Ltd.
28	上海众一石化工程有限公司 Shanghai Zhongyi Petrochemical Engineering Co., Ltd.	上海康达新能源材料有限公司车间液体投料系统升级项目 Workshop liquid feeding system upgrading project of Shanghai Kangda New Energy Materials Co., Ltd.
29	乌兰察布南大微电子科技有限公司 Ulanqab Nanda Microelectronic Materials Co., Ltd.	乌兰察布南大微电子科技有限公司高纯新材料项目衬塑蝶阀 Plastic-lined butterfly valves for high-purity new material project of Ulanqab Nanda Microelectronic Materials Co., Ltd.
30	森松（江苏）重工有限公司 Morimatsu (Jiangsu) Heavy Industry Co., Ltd.	上海森松锂电正极材料水洗干燥系统调节阀 Control valves for lithium battery cathode material water washing and drying system of Shanghai Morimatsu
21	江苏华兴化学工程建设有限公司 Jiangsu Huaxing Chemical Engineering Construction Co., Ltd.	浙江一塑新材料科技有限公司100万吨/年聚苯乙烯项目 1 million tons/year polystyrene project of Zhejiang Yisu New Material Technology Co., Ltd.
32	亚德（上海）环保系统有限公司 Yaloc (Shanghai) Environmental Co., Ltd.	美思德（吉林）新材料有限公司4.5万吨/年有机酸系列产品废气液废焚烧处理装置 45,000 tons/year organic amine series products waste gas and waste liquid incineration treatment plant of Meiside (Jilin) New Material Co., Ltd.
33	青海省化工设计研究院有限公司兰州分公司 Qinghai Chemical Design and Research Institute Co., Ltd. Lanzhou Branch	辽宁宝来新材料有限公司60万吨/年ABS及其配套装置项目1.5万吨/年歧化松香酸钾皂装置（2700单元） 600,000 tons/year ABS and supporting device project and 15,000 tons/year disproportionated rosin potassium soap plant (2700 units) of Liaoning Bolai New Material Co., Ltd.
34	四川省达科特能源科技股份有限公司 Sichuan Dakete Energy Technology Co., Ltd.	内蒙古广聚新材料甲醇液氨项目TSA净化 TSA purification of methanol and liquid ammonia project of Inner Mongolia Guangju New Material Co., Ltd.
35	潍坊舒肤康新材料科技有限公司 Weifang Shufukang New Material Technology Co., Ltd.	30万吨/年高端聚丙烯新材料项目 300,000 tons/year high-end polypropylene new material project4

Company Achievements (Part)

公司业绩（部分）

海洋平台及水下阀门行业 Offshore Platform And Underwater Valve Industry

序号 Item	用户名称 Customer	项目名称 Project Name
1	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	垦利6-1油田4-1区块开发项目 Development project of block 4-1 of Kenli 6-1 oilfield
2	天津惠永达石油工程技术有限公司 Tianjin Hu Yongda Petroleum Engineering Technology Co., Ltd.	曹妃甸三期立式旋流气浮桶材料清单EIT-调节阀 Cao Feidian phase III vertical swirl air flotation equipment material list EIT - control valves
3	中海石油（中国）有限公司湛江分公司 CNOOC Zhanjiang Company	文昌油田群合并运行优化工程项目-海底球阀 Wenchang oilfield cluster merged operation optimization project - subsea ball valves
4	天津市天冠麟工贸有限公司 Tianjin Top-Kylin Industry & Trade Co., Ltd.	中海油蓬莱项目手动阀 Manual valves for Penglai project of CNOOC
5	北京中海华鑫能源装备科技有限公司 Beijing Huaxin Energy Equipment Technology Co., Ltd.	旅大10-1平台控制阀 Control valves for Lyuda 10-1 platform
6	北京中海华鑫能源装备科技有限公司 Beijing Huaxin Energy Equipment Technology Co., Ltd.	LD10-1至SZ36-1WHPM输气项目旅大42-43平台 Lyuda 42-43 platform of LD10-1 to SZ36-1WHPM gas transmission project
7	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	恩平15-1 恩平III平台控制阀 Control valves for Enping 15-1 Enping III platforms
8	天津市天冠麟工贸有限公司 Tianjin Top-Kylin Industry & Trade Co., Ltd.	秦皇岛32-6 曹妃甸11-1油田群岸电应用工程(扩容) Qinhuangdao 32-6, Cao Feidian 11-1 oilfield cluster shore power application project (capacity expansion)
9	近海石油服务（深圳）有限公司 Ocean Oilfields Services (Shenzhen) Co., Ltd.	文昌191C平台比排泵出口回流控制阀改造 Retrofitting of outlet backflow control valves of exhaust pump of Wenchang 191C platform
10	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	秦皇岛32-6、曹妃甸11-1油田群岸电应用工程（扩容）项目自力式调节阀 Self-operated control valves of Qinhuangdao 32-6, Cao Feidian 11-1 oilfield cluster shore power application project (capacity expansion)
11	天津敬亚达国际贸易有限公司 Tianjin Jingyada International Trade Co., Ltd.	南堡3-2自力式调节阀 Self-operated control valves of Nanbao 3-2
12	杰瑞石油天然气工程有限公司 Jereh Oil & Gas Engineering Corporation	手动流量调节阀 Manual flow control valve
13	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	LNG工程液氮预冷气化装置应用研究项目 LNG engineering liquid nitrogen precooling gasification plant application research project
14	中海石油（中国）有限公司 CNOOC	旅大4-2油田4-3区块开发项目控制阀 Control valves for development project of block 4-3 of Lyuda 4-2 oilfield
15	天津信诺工程技术有限公司 Tianjin Xinnuo Engineering Technology Co., Ltd.	垦利16-1油田开发项目控制阀 Control valves for development project of Kenli 16-1 oilfield
16	天津信诺工程技术有限公司 Tianjin Xinnuo Engineering Technology Co., Ltd.	渤中26-3项目控制阀 Control valves for project of Bozhong 26-3
17	湛江市赛福特实业有限公司 Zhanjiang Saifute Industrial Co., Ltd.	中海油涠洲电动调节阀 Electric control valves for Weizhou of CNOOC
18	中海油天津化工研究院有限公司 CNOOC Tianjin Chemical Research and Design Institute Co., Ltd.	旅大项目（调节阀 球阀 蝶阀） Lyuda project (control valve, ball valve, butterfly valve)
19	天津渤海巨石石油设备技术服务有限公司 Tianjin Bohai Jushi Petroleum Equipment and Technical Service Co., Ltd.	陵水17-2气田开发工程项目现役设施改造服务项目 Reconstruction service project of active facilities of development project of Lingshui 17-2 gas field
20	湛江市世耀专用设备有限公司 Zhanjiang Shiyao Special Equipment Co., Ltd.	涠洲11-4NB平台甲板及设施改造 Renovation of deck and facilities of Weizhou 11-4NB platform
21	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	曹妃甸6-4油田撬块总包项目-秦皇岛32-6CEPJ平台压缩机项目-调节阀 Cao Feidian 6-4 oilfield skid general contracting project - Qinhuangdao 32-6CEPJ platform compressor project - control valves
22	广州市吉海船舶用品有限公司 Guangzhou Jihai Shipping Material Co., Ltd.	EP24-2平台管道式分离装置 Pipeline separation device of EP24-2 platform
23	天津伟正科技发展有限公司 Tianjin Weizheng Technology Development Co., Ltd.	渤西油气处理厂（新厂）原稳塔顶增加冷却器压缩机一级二级入口增加分离器项目 Project of adding coolers at the top of the crude stabilizer and adding separators at the primary and secondary inlets of compressors of Bow Oil and Gas Treatment Plant (New Plant)
24	深圳市海力工业设备有限公司 Shenzhen Haili Industrial Equipment Co., Ltd.	技改项目 Technical transformation project
25	海洋石油工程股份有限公司 Offshore Oil Engineering Co., Ltd.	渤中19-6 凝析气田试验区开发项目 Pilot area development project of Bozhong 19-6 condensate gas field
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