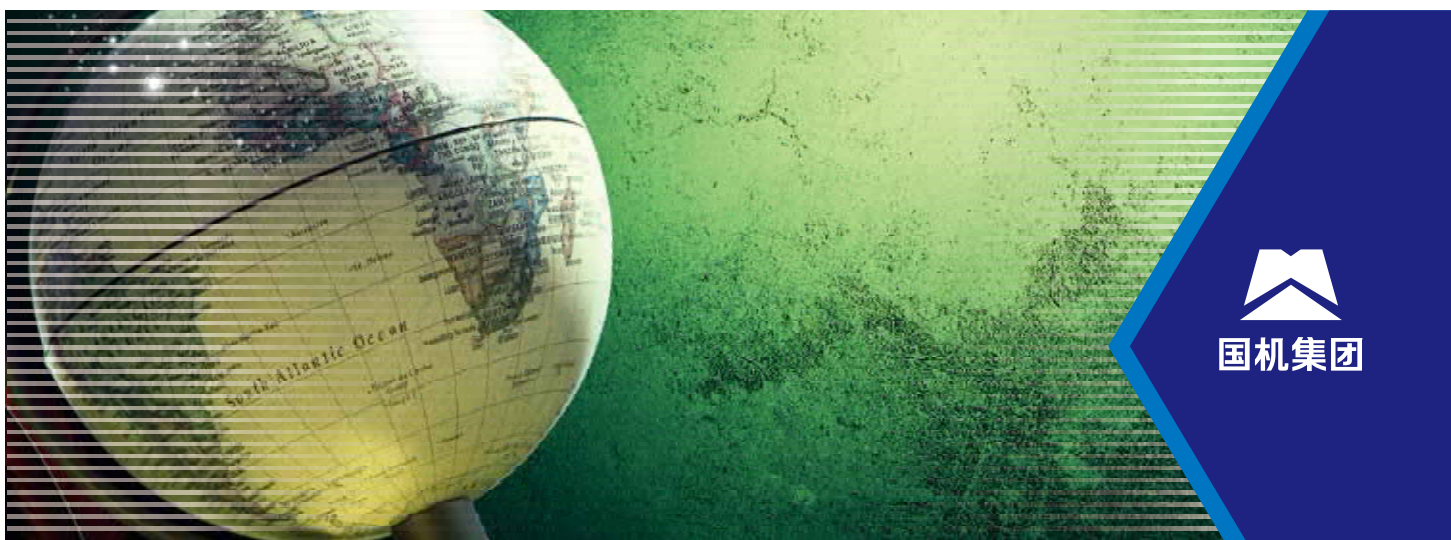




国机设计

DESIGN

(2019版)



国机设计

DESIGN

CONTENTS

目录

中国机械设备工程股份有限公司 China Machinery Engineering Corporation

- | | |
|---|----|
| 1. 中机国际工程设计研究院有限责任公司
China Machinery International Engineering Design & Research Institute Co., Ltd | 1 |
| 2. 中机中电设计研究院有限公司
China Electric Design and Research Institute Co., Ltd. | 46 |
| 3. 机械工业勘察设计研究院有限公司
China Jikan Research Institute of Engineering Investigations and Design Co., Ltd. | 61 |
| 4. 哈尔滨电站设备成套设计研究所有限公司
Introduction of Harbin Power System Engineering & Research Institute CO.,LTD | 71 |
| 5. 天津电气科学研究院有限公司
Tianjin Research Institute of Electric Science Co., Ltd. | 77 |

中工国际工程股份有限公司 China CAMC Engineering Co.,Ltd.

- | | |
|--|----|
| 6. 中国中元国际工程有限公司
China ippr international engineering co.,ltd | 85 |
| 7. 北京起重运输机械设计研究院有限公司
Beijing Materials Handling Research Institute Co.,Ltd(BMHRI) | 96 |

中国机械工业建设集团有限公司 China Machinery Industry Construction Group Inc.

- | | |
|---|-----|
| 8. 中机建设工程设计研究院青岛分院
Engineering Research and Design Institute of SINOCONST Qingdao Branch | 108 |
| 9. 天津中机建设工程设计有限公司
Tianjin SINOCONST Engineering Design Co., Ltd | 112 |

国机重型装备集团股份有限公司 SINOMACH HEAVY EQUIPMENT GROUP CO.,LTD.

- | | |
|---|-----|
| 10. 中国重型机械研究院股份公司
China National Heavy Machinery Research Institute Co.,Ltd. | 117 |
|---|-----|

目录

CONTENTS

11. 陕西冶金设计研究院有限公司 Metallurgical Design Institute Co., Ltd. Shaanxi	149
---	-----

12. 二重（德阳）重型装备有限公司 Erzhong (Deyang) Heavy Equipment Co.,Ltd.	153
---	-----

13. 中国第二重型机械集团德阳万航模锻有限责任公司 CHINA NATIONAL ERZHONG GROUP DEYANG WANHANG DIE FORGING CO., LTD.	160
---	-----

中国浦发机械工业股份有限公司 China Perfect Machinery Industry Co.,Ltd.

14. 中国浦发机械工业股份有限公司 China Perfect Machinery Industry Co.,Ltd.	163
---	-----

15. 甘肃蓝科石化高新装备股份有限公司 Lanpec Technologies Limited	165
---	-----

中国联合工程有限公司 China United Engineering Corporation Limited

16. 中国联合工程有限公司 China United Engineering Corporation Limited	171
--	-----

合肥通用机械研究院有限公司 Hefei General Machinery Research Institute Co., Ltd.

17. 合肥通用机械研究院有限公司 Hefei General Machinery Research Institute Co., Ltd.	203
---	-----

18. 中国通用机械工程有限公司 China National General Machinery Engineering Corporation	211
--	-----

中国电器科学研究院股份有限公司 China National Electric Apparatus Research Institute Co., Ltd.

19. 中国电器科学研究院股份有限公司 China National Electric Apparatus Research Institute Co., Ltd.	214
---	-----

国机集团科学技术研究院有限公司
SINOMACH Academy of Science and Technology Co., Ltd

20. 沈阳仪表科学研究所有限公司
Shenyang Academy of Instrumentation Science Co.,Ltd.

219

机械工业第六设计研究院有限公司
SIPPR Engineering Group Co., Ltd

21. 机械工业第六设计研究院有限公司
SIPPR Engineering Group Co., Ltd

228

中国农业机械化科学研究院
Chinese Academy of Agricultural Mechanization Sciences

22. 中国农业机械化科学研究院
Chinese Academy of Agricultural Mechanization Sciences

238

23. 中机十院国际工程有限公司
China Machinery TDI International Engineering Co.,Ltd.

243

中机国际工程设计研究院有限责任公司

China Machinery International Engineering Design & Research Institute Co., Ltd

公司名称：中机国际工程设计研究院有限责任公司

Company Name: China Machinery International Engineering Design & Research Institute Co., Ltd

公司简介

中机国际工程设计研究院有限责任公司（简称中机国际，英文全称 China Machinery International Engineering Design & Research Institute Co., Ltd，简称 CMIE，原机械工业部第八设计研究院），我国最早组建的国家大型综合性设计单位之一，创建于 1951 年，是集工程咨询、工程设计、工程总承包、项目管理、工程监理、工程勘察、工程施工、专用设备设计与制造、设备成套和工程技术研究于一体的高新技术企业，总部设在长沙，隶属于世界 500 强企业中国机械工业集团有限公司（简称国机集团），是中国机械设备工程股份有限公司（简称 CMEC，香港上市公司）的全资子公司。

专业团队

中机国际由综合设计研究院、建筑设计研究院、市政与环保设计研究院、技术研究院、工程公司等板块组成，共有 40 余个生产单元、10 余个研究机构，拥有 30 多个专业类别的专业技术人员 1500 余人，其中有享受政府特殊津贴专家、APEC 建筑师、IPMP 项目管理师、湖南省勘察设计大师、研究员级高级工程师、高级技术人员、各类国家注册师等近 500 人。在北京、南京等地设有分支机构。

企业资质

中机国际拥有机械、建筑、市政、军工、冶金、轻纺、风景园林、环境工程等行业甲级设计资质；具有电力、电子通信广电、化工石化医药、农林、商物粮、石油天然气等行业乙级设计资质；具有机械、建筑、电子、有色冶金、火电、生态建设与环境工程、市政公用工程甲级咨询资质；具有城乡规划编制甲级、工程造价咨询甲级和工程监理甲级资质、施工图审查一类资质；具有压力管道 GA、GB、

Company Profile

Founded in 1951, China Machinery International Engineering Design & Research Institute Co., Ltd, (referred to as CMIE, which is the former 8th Design Institute of Ministry of Machinery Industry), is one of China's first batch of large comprehensive design units, also a high-tech enterprise integrating engineering consulting, engineering design, general project contracting, project management, project supervision, engineering investigation, construction, special equipment design and manufacturing, complete plant supply and engineering research. Headquartered in Changsha, it belongs to one of the Fortune 500 enterprises- China Machinery Industry Group Co., Ltd. (referred to as SINOMACH), and is a wholly owned subsidiary of China Machinery Engineering Co., Ltd. (referred to as CMEC, a Hong Kong listed company).

Professional Team

CMIE is composed of Comprehensive Design and Research Division, Architectural Design and Research Division, Municipal and Environmental Protection Design Division, Technology Research Division and Engineering Company, etc. It has a total of more than 40 production units, more than 10 research institutes and more than 1,500 professional and technical personnel from over 30 professional categories. There are nearly 500 people including experts who enjoy government special allowance, APEC architects, IPMP project managers, survey and design masters of Hunan Province, senior engineers of professor level, senior technicians and various national registered engineers. CMIE has branch companies in Beijing and Nanjing, etc.

Qualifications

CMIE has Class A design qualification in the industries of machinery, architecture, municipal engineering, military industry, metallurgy, textile, landscape architecture and environmental engineering, etc.; It has Class B design qualification in electric power, telecommunication, chemical and petrochemical industry, agriculture and forestry, commercial grain, oil and natural gas, etc.; It has Class A consulting qualification in machinery, architecture, electronics, nonferrous metallurgy, thermal power, ecological construction and environmental engineering, municipal public works; It has Class A qualification in urban and rural planning preparation, Class A qualification in

GC、GD 设计资质以及工程勘察、环境影响评价乙级资质；具有进出口企业和对外承包工程经营资格；具有市政公用工程施工总承包一级资质以及建筑装饰工程、机电安装工程、建筑智能化工程、环保工程、送变电工程和园林绿化施工专业承包资质以及检验检测机构计量认证资格。

服务领域

中机国际业务包括工业工程、民用建筑工程、市政工程、环保工程、电力工程五大领域，国内、国际两大市场。

工业工程在哈电、东电、上电等一大批传统电工行业国家重点骨干企业中创下了骄人的业绩，在工程机械、交通运输设备、有色冶金、新能源装备、新材料、汽车及零部件等行业硕果累累，形成了新的竞争优势。

民用建筑形成了从规划到设计、风景园林、建筑装饰全业务链服务能力，在医院、学校、酒店、办公、商业、金融、体育、文化、古建、博物馆、居住等十多类民用建筑领域，形成了技术品牌优势。

市政工程在市政给水排水，生活垃圾、餐厨垃圾、医疗垃圾处理，城镇燃气，市政道路桥梁等工程咨询、工程设计及工程勘察、工程测量等方面，技术实力雄厚，业绩丰富。

环保工程在水污染防治、固体废物处理处置、噪声治理、大气污染防治、污染修复等工程设计、工程总承包以及环境影响评价等方面具有技术特色和丰富的经验。

电力工程领域，在光伏发电工程、分布式能源工程、供热工程、输变电工程、燃机电站和柴油机电站等业务方面，通过特色化经营，取得了良好业绩。完成各类电力工程设计 100 多项，并积累了较丰富的国际电力工程设计经验。

国际工程业务通过资源组合和科学管理，探索适应各类业务的国际项目运营模式，业务遍及全球三十多个国家

engineering cost consultation, Class A qualification in engineering supervision, and Class A qualification in construction drawings review; It has design qualification of pressure pipeline GA, GB, GC and GD, and Class B qualification in engineering investigation and environmental impact assessment; it has import and export operation qualification, and implementation qualification of foreign project; it has 1st level qualification of general construction contracting in municipal public works and professional construction qualification in architectural decoration engineering, mechanical and electrical installation, intelligent building engineering, environmental protection engineering, power transmission and transformation and landscaping.

Service Areas

CMIE Business covers five major industries of industrial engineering, civil building engineering, municipal engineering, environmental protection engineering and power engineering, both in domestic and international markets.

CMIE has made remarkable achievements in industrial engineering, with a large number of clients which are national backbone enterprises in traditional electrician industry, such as Harbin Electric Co., Ltd, Dongfang Electric Corporation and Shanghai Electric Co., Ltd. CMIE makes great contributions and enjoys its competitive advantages in the areas of engineering machinery, transportation equipment, nonferrous metallurgy, new energy equipment, new materials, automobiles and parts, etc.

CMIE delivers a complete service chain in civil building design, from planning and design, to landscape architecture and architectural decoration. It has technology brand advantage in more than ten civil building areas, such as hospitals, schools, hotels, offices, commerce, finance, sports, culture, ancient architecture, museums and residences. CMIE has strong technical strength and makes great performance in engineering consulting, engineering design, engineering investigation and engineering measurement of municipal engineering projects, in the fields of municipal water supply and drainage, domestic waste, food waste, medical waste disposal, urban gas, municipal roads and bridges.

CMIE provides characteristic service and accumulates extensive experience in engineering design, general contracting and environmental impact assessment of environmental protection projects, in the specific areas such as prevention and control of water pollution, treatment and disposal of solid waste, noise control, prevention and control of air pollution and pollution remediation.

Via distinctive operation, CMIE has achieved good results in power engineering projects, such as photovoltaic power generation projects, distributed energy projects, heat supply projects, power transmission and transformation projects, gas turbine power stations and diesel power stations. It has completed more than 100 various types of electrical engineering design and accumulated rich experience in design of international electrical engineering projects.

Through resource combination and scientific management, CMIE explores international project operation mode that adapts to various kinds of international engineering business. Its business covers more than 30 countries and regions in the world, including many

和地区，涵盖了工业制造、能源、交通、石化、市政、房建等多个领域，开拓成效显著。“五大领域、两大市场”的业务发展格局，促进了市场竞争力的显著提升。

科技创新

中机国际累计完成近 20000 项工程设计等各类任务，取得 500 余项科研成果，获得国家、部、省级优秀科技成果、优秀设计奖 300 余项，拥有国家专利和专有技术 100 余项，主、Co-editor 国家、地方、行业技术标准和规范 60 余项。

作为湖南省住建厅建设科技技术支撑单位、湖南省新型城镇化建设综合技术研究基地、海绵城市建设集成技术湖南省工程研究中心、湖南省建筑信息模型 (BIM) 技术应用创新战略联盟理事长单位，中机国际以本部研发中心和长沙麓谷工程技术实验中心为基地，以海绵城市、智能制造、综合管廊中心及博士后科研流动站为平台，以云端信息化为手段，铺就了资源整合、全面创新、智能服务的战略布局，创新体系被纳入湖南省政府与国机集团的《十三五战略合作协议》。

文化与战略

中机国际以“成为国际一流的科技型工程公司”为发展愿景，定位于国机集团的工程技术研发中心和 CMEC 的技术支撑与服务平台，致力于打造研发、设计、总包“三位一体”的科技型工程公司。

中机国际以“共筑精品工程，促进城市可持续发展”为企业使命，秉承“共建、共创、共赢、共享”的核心价值观，以高素质的专业团队和强大的工程集成能力，竭诚为国内外业主提供工程建设全过程服务。

industries such as industrial manufacturing, energy, transportation, petrochemicals, municipal engineering and housing construction with remarkable pioneering results. The business development pattern of "Five Major Industries and Two Major Markets" has contributed to remarkable enhancement of market competitiveness.

Scientific and Technological Innovation

CMIE has completed nearly 20,000 engineering design and other tasks, obtained more than 500 scientific research achievements, received outstanding scientific and technological achievements at national, ministerial and provincial levels and been awarded more than 300 outstanding design awards. It owns more than 100 national patents and proprietary technologies, and has been main editor and co-editor of more than 60 technical standards and specifications at national, local, or industry level.

CMIE has been honored as the technical support unit in construction science and technology of Housing and Urban-Rural Development Bureau of Hunan, integrated technology research base of new urbanization construction in Hunan Province, Hunan Engineering Research Center of sponge city construction integration technology, and the director unit of building information model (BIM) technology application innovation strategy alliance of Hunan province. Relying on sponge city, intelligent manufacturing, integrated pipe gallery center and post-doctoral mobile research station as the platform, adapting cloud-based informationization technology, CMIE has completed its strategic layout featured with resource integration, overall innovation, intelligent service based on CMIE R & D center and Changsha Lugu Engineering and Technology Experiment Center. Its innovation system has been incorporated into the "13th Five-Year Strategic Cooperation Agreement" between Hunan Provincial Government and SINOMACH.

Culture and Strategy

With the vision of "becoming a world-class science and technology engineering company", CMIE positions in engineering technology research and development center of SINOMACH and technical support and service platform of CMEC, and devotes itself to building a technology engineering company integrating R&D, design and general contracting.

With the mission of "Co-building excellent project and promoting sustainable development of the city", CMIE adheres to core values of "building together, innovating together, winning together and sharing together", and provides dedicated project construction services for customers at home and abroad with high-quality professional team and strong engineering integration capability.

联系人及联系方式 Contact Person and Information

联系人：刘礼平
联系电话：0731-85383382
邮 箱：liuliping@cmie.cn

Contact: Liu Liping
Phone: 0731-85383382
E-mail: liuliping@cmie.cn



工程设计甲级资质
Grade-A Engineering Design Qualification



工程设计乙级资质
Grade-B Engineering Design Qualification



工程咨询甲级资信评价
Grade-A Engineering Consultation Qualification



工程监理甲级资质
Grade-A Engineering Supervision Qualification



工程监理乙级资质
Grade-B Engineering Supervision Qualification



工程造价咨询甲级资质
Grade-A Engineering Cost Consultation Qualification



城乡规划编制甲级资质
Grade-B Urban and Rural Planning Qualification



压力管道设计许可证
Pressure Pipeline Design License



工程勘察乙级资质
Grade-B Engineering Survey Qualification



施工图设计文件审查机构
Qualification for Review of Construction Drawing Design Document



建筑业企业施工总承包一级资质
Grade-A General Contracting Qualification for Construction Enterprises



建筑业企业施工二、三级资质
Grade-B & C Construction Qualification for Construction Enterprises

现有资质 Present Qualification

- | | |
|---|--|
| 1、工程设计甲级资质
Grade-A Engineering Design Qualification | 7、压力管道设计许可证
Pressure Pipeline Design License |
| 2、工程设计乙级资质
Grade-B Engineering Design Qualification | 8、城乡规划编制甲级资质
Grade-B Urban and Rural Planning Qualification |
| 3、工程咨询甲级资信评价
Grade-A Engineering Consultation Qualification | 9、建筑业企业施工总承包一级资质
Grade-A General Contracting Qualification for Construction Enterprises |
| 4、工程监理甲级资质
Grade-A Engineering Supervision Qualification | 10、建筑业企业施工二、三级资质
Grade-B & C Construction Qualification for Construction Enterprises |
| 5、工程监理乙级资质
Grade-B Engineering Supervision Qualification | 11、工程勘察乙级资质
Grade-B Engineering Survey Qualification |
| 6、工程造价咨询甲级资质
Grade-A Engineering Cost Consultation Qualification | 12、施工图设计文件审查机构
Qualification for Review of Construction Drawing Design Document |

主要业绩 Major Achievements

1 工业工程

Industrial Projects

1.1 电气机械和器材制造

Electrical Machinery & Equipment Manufacture

1.1.1 哈尔滨电机厂重型汽轮发电机试验站项目

Heavy-duty Turbine Generator Testing Station Project of Harbin Electric Machinery Co., Ltd

1.1.2 上海电机厂发电设备制造“七五”基本建设技术改造

Generating Equipment Manufacture 7th Five-year Plan Basic Construction Technical Reform Project of Shanghai Electric Machinery Co., Ltd

1.1.3 东方电机有限公司华东新能源制造基地

East China New Energy Manufacture Base of Dongfang Electric Machinery Co., Ltd

1.1.4 上海电气风电集团 8MW 风电测试台

8MW Wind Power Testing Station of Shanghai Electric Power Generation Group

1.1.5 湘电风能有限公司

Xiangtan Electric Wind Power Co., Ltd

1.1.6 兰州电机股份有限公司入园新区搬迁项目

Relocation Project for Lanzhou Electric Corporation

1.1.7 湖南华菱线缆股份有限公司建设项目

Hunan Valin Wire & Cable Co., Ltd Construction Project

1.1.8 中国长江动力公司高速动平衡试验站

China Changjiang Energy Corporation High-speed Dynamic Balancing Experimental Station

1.1.9 利莱森玛风力发电机试验台

Leroy-Somer Wind Turbines Experimental Platform

1.1.10 泰豪沈阳电机有限公司（国家大中型电机检测中心）

National Medium and Large Motors Testing Center for Tellhow Shenyang Electric Machine Co., Ltd

1.1.11 上海电机厂 18000kW 级试验站

18000kW Class Test Station of SEC Shanghai Electric Machinery Co., Ltd.

1.1.12 东方电机新能源（杭州）有限公司杭州萧山临江工业园区项目

Hangzhou Xiaoshan Lingjiang Industrial Park Project for Dongfang Electric New Energy (Hangzhou) Co., Ltd

1.1.13 国电联合动力技术（江苏）有限公司 3MW 及以上海上直驱风力发电机制造项目

3MW and above Offshore Wind Turbines Direct-drive Generator Manufacture Project China Guodian United Power Technology (Jiangsu) Co., Ltd

1.1.14 南京长风新能源股份有限公司 2MW 级双馈异步风力

发电机生产项目

2MW Wind Turbines with Doubly fed Induction Generator Production Project for Nanjing Changfeng New Energy Corporation

1.1.15 北京京城新能源（酒泉）装备有限公司风力发电机及整机制造项目

Wind Driven Generator and Turbines Manufacture Project for Beijing Jingcheng New Energy (Jiuquan) Equipment Co., Ltd

1.1.16 哈电通用风能（江苏）有限公司大功率海上风电机组研发制造销售基地项目

High Power Offshore Wind Turbine R&D, Manufacturing and Sales Base Project for Harbin Electric General Electric Wind Power (Jiansu) Co., Ltd

1.1.17 内蒙古久和能源科技有限公司风电整机及配件项目

Inner Mongolia Jiuhe Energy Wind Power Unit and Fittings Project for

1.1.18 中国北车集团永济电机厂西安基地建设项目

Xi'an Production Base Construction Project Yongji Motor Factory Co., Ltd, China CNR Group

1.1.19 重庆水轮机厂有限责任公司整体环保搬迁暨水力电力成套设备产业化技术改造项目

Relocation with Overall Environment Protection and Technology Reformation for Hydroelectric Complete Plant Industrialization Project for Chongqing Turbine Factory Co., Ltd

1.1.20 山东济南发电设备厂有限公司建设项目

Construction Project for Shandong Jinan Generating Equipment Co., Ltd

1.1.21 武汉汽轮发电机有限公司中国长江动力（集团）搬迁改造建设项目

Relocation and Reformation Project for Wuhan Turbogenerator Co., Ltd

1.1.22 杭州杭发发电设备有限公司生产基地建设项目

Production Base Construction Project for Hangzhou Hangfa Electrical Equipment Co., Ltd

1.2 通用设备制造

Universal Equipment Manufacture

1.2.1 株洲时代新材料科技股份有限公司兆瓦级大功率风电叶片产业化项目

Megawatt High-power Wind Turbine Blade Manufacture Industrialization Project of Zhuzhou Times New Materials Sci-tech Co., Ltd

1.2.2 湖南长重机器制造有限公司生产基地建设项目

Manufacture Base Construction Project of Hunan Changsha Heavy-duty Machinery Manufacture Co., Ltd

1.2.3 长沙锅炉厂新厂区

New Plant Area of Changsha Boiler Plant

- 1.2.4 湘潭锅炉有限责任公司新厂区项目
New Plant Project of Xiangtan Boiler Co., Ltd
- 1.2.5 新疆新华能精密架构有限公司
Xinjiang Xin Hua Neng Precise Structure Co., Ltd
- 1.3 专用设备制造
Special Equipment Manufacture
- 1.3.1 中联重科泉塘工业园建设项目
Quan Tang Industrial Park Construction Project of Zoomlion Heavy Industry Science & Technology Development Co., Ltd
- 1.3.2 中联重科沅江工业园
Yuanjiang Industrial Park for Zoomlion Heavy Industry Science & Technology Co., Ltd
- 1.3.3 中联重科常德起重机械基地
Changde Crane Base for Zoomlion Heavy Industry Science & Technology Co., Ltd
- 1.3.4 中联重科湘阴工业园
Xiangyin Industrial Park for Zoomlion Heavy Industry Science & Technology Co., Ltd
- 1.3.5 江华海联产业园
Jianghua Industrial Park for Hailian Corporation
- 1.3.6 三一中阳产业园
Sany Zhongyang Industrial Park
- 1.3.7 三一帕尔菲格如东产业园
Sany Palfinger Rudong Industrial Park
- 1.3.8 三一巴西产业园
Sany Brasil Industrial Park
- 1.3.9 泰富重工（九华基地）
Hunan Jiuhua Industrial Park for TIDFORE Heavy Equipment Group Co., Ltd
- 1.3.10 泰富重装（天津基地）
Tianjin Harbor Industrial Park for TIDFORE Heavy Equipment Group Co., Ltd
- 1.3.11 娄底市中兴产业园
Loudi Industrial Park for ZTE Corporation
- 1.3.12 湖南特力液压有限公司
Hunan Teli Hydraulic Co., Ltd
- 1.3.13 长沙凯瑞重工机械有限公司项目
Project of Changsha Kai Rui Heavy-duty Machinery Co., Ltd
- 1.3.14 常德烟草机械有限责任公司易地改造项目
Moving and Renovation Project of Changde Tobacco Machinery Co., Ltd
- 1.3.15 山河智能天津工业园
Tianjin Industrial Park of Sunward Intelligent Equipment Co., Ltd
- 1.4 铁路运输设备制造
Railway Transport Equipment Manufacture
- 1.4.1 中国南车集团株洲电力机车有限公司城轨车辆扩能建设
Expansion of Urban Rail Vehicle Projection of Zhuzhou Electric Locomotives Co., Ltd
- 1.4.2 南车集团昆明城市轨道交通基地建设项目
Kunming Urban Transportation Rail Base Construction Project of Zhuzhou Electric Locomotives Co., Ltd
- 1.4.3 南车集团洛阳城市轨道交通基地建设项目
Luoyang Urban Transportation Rail Base Construction Project of Zhuzhou Electric Locomotives Co., Ltd
- 1.4.4 南车宁波城市轨道交通基地
Ningbo Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd
- 1.4.5 南车东盟（马来西亚）城市轨道交通基地
ASEAN (Malaysia) Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd
- 1.4.6 南车埃塞俄比亚城市轨道交通基地
Ethiopia Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd
- 1.4.7 株洲中铁轨道系统集团公司
Zhuzhou CRCC Rail System Group
- 1.4.8 株洲轨道交通产业园
Zhuzhou Rail Transportation Industrial Park
- 1.4.9 南宁南车轨道交通装备基地项目
CSR Zhuzhou Electric Locomotives Co., Ltd
- 1.5 汽车制造
Automobile Manufacture
- 1.5.1 中日合资南方雅马哈摩托车有限公司
Sino-Japanese Joint Venture Southern Yamaha Motorcycle Co., Ltd
- 1.5.2 长沙广汽江森汽车零部件有限公司项目
Project of Jiangsen Auto Part Co., Ltd of GAC Group
- 1.5.3 长沙客车制造总厂“七五”技术改造项目
7th Five-year Technical Reform Project of Changsha Coach Manufacture Central Plant
- 1.5.4 长沙汽车发动机总厂“六五”“七五”技改项目
6th Five-year and 7th Five-year Technical Reform Project of Changsha Auto Motor Central Plant
- 1.5.5 长沙广汽江森汽车零部件有限公司
Changsha GAC Jiangsen Automobile Parts Co., Ltd
- 1.5.6 长沙广汽东阳汽车零部件有限公司
Changsha GAC Dongyang Automobile Parts Co., Ltd
- 1.5.7 湖南晓光汽车模具有限公司
Sunrise Auto Mould & Die Co., Ltd.
- 1.5.8 湖南易通汽车配件
Hunan Yitong Automobile Parts Science And Technology Development Co., Ltd.
- 1.5.9 岳阳凯达科旺汽车零部件重卡驱动桥壳项目
Heavy Truck Drive Axle Housing Project of Yue Yang Kaidakewang Automobile Parts Manufacturing Co., Ltd.
- 1.5.10 上海大众联合发展（长沙）有限公司汽车零部件配套建设项目
Auto Parts Complementary Construction Project of Shanghai Volkswagen Joint Development (Changsha) Co., Ltd.

- 1.5.11 上海新朋股份长沙生产基地建设项目
Changsha Production Base Construction Project of Shanghai Xin Peng Industry Ltd.
- 1.5.12 株洲时代新材非金属汽车零部件项目
Non-metallic Automotive Parts Project of Zhuzhou Times New Material Technology CO., Ltd.
- 1.5.13 广州电装有限公司广汽菲亚特汽车空调配套项目
GAC FIAT Automobiles Air Conditioning Matching Projects of Guangzhou DENSO Corporation
- 1.6 有色金属加工
Metal Processing
- 1.6.1 株洲硬质合金型材扩产（一期）技术改造项目
Section Bar Production Expansion (1st Phase) Technical Reform Project of Zhuzhou Cemented Carbide Group Co., Ltd
- 1.6.2 中南大学博云科技园
Boyun Science Park of Central South University
- 1.6.3 江钨世泰科钨品有限公司 APT、氧化钨生产项目
APT and Tungsten Oxide Production Project of Jiangxi Starck Tungsten Product Co., Ltd
- 1.6.4 株洲钻石切削刀具股份有限公司
Zhuzhou Cemented Carbide Cutting Tools Co., Ltd.
- 1.6.5 自贡硬质合金有限责任公司
Zigong Cemented Carbide Corp., Ltd.
- 1.6.6 南昌硬质合金有限责任公司
Zigong Cemented Carbide Limited Liability
- 1.6.7 上海工具厂有限公司
Shanghai Tool Works Co., Ltd.
- 1.6.8 江西稀有金属钨业控股集团有限公司
Jiangxi Tungsten Holding Group Company Limited
- 1.6.9 西部鑫兴金属材料有限公司
Western Xinxing Metal Material Co., Ltd.
- 1.6.10 湖南振纲铝材有限公司
Hunan Zhengang Aluminum Material Co., Ltd.
- 1.7 电子设备制造
Electronic Equipment Manufacture
- 1.7.1 株洲南车时代电气股份有限公司变流器产业化提升项目
Converter Industrialization Promotion Project of Zhuzhou Electric Locomotives Co., Ltd
- 1.7.2 时代电气试验检测中心
Testing Center of Zhuzhou Electric Locomotives Co., Ltd.
- 1.7.3 威胜科技产业园
Industry Park of Wasion Electric
- 1.7.4 株洲时代电气制造中心
Electrical Manufacturing Center of Zhuzhou Electric Locomotives Co., Ltd.
- 1.7.5 武汉华中数控股份有限公司高性能数控系统产业化项目
High Performance CNC System Industrialization Project of Wuhan Huazhong Numerical Control Co., Ltd.
- 1.7.6 湖南华星宇传感技术有限公司华星宇科技园
Huaxingyu Science Park of Hunan Huaxingyu Sensing Technology Co., Ltd.
- 1.7.7 宁波三星智能环保配电设备扩能及智能化升级项目
Environmental Protection Distribution Equipment Expansion and Intelligent Upgrade Project of Ningbo Sanxing Intelligent Electric Co., Ltd.
- 1.8 燃料电池
Fuel Cell
- 1.8.1 武汉长海电力推进和化学电源有限公司
Wuhan Changhai Chemical and Electric Power Co., Ltd.
- 1.8.2 桑顿伟业新能源科技（北京）有限公司
Sandunweiye New Energy Technology (Beijing) Co., Ltd.
- 1.8.3 桑顿新能源科技有限公司
Soundon New Energy Technology Co., Ltd.
- 1.9 资源回收及化工医药
Resource Recovery and Chemical Medicine
- 1.9.1 葛洲坝环嘉（大连）再生资源有限公司
GCCG Huanjia (Dalian) Renewable Resources Co., Ltd.
- 1.9.2 湖南桑德恒誉再生资源科技有限公司
Hunan Sande Hengyu Renewable Resources Technology Co., Ltd.
- 1.9.3 湖南守护神制药有限公司
Hunan Palladium Pharmaceutical Co., Ltd.
- 1.9.4 株洲千金药业股份有限公司
Zhuzhou Qianjin Pharmacy Stock Co., Ltd.
- 1.9.5 湖南富兴飞鸽药业有限公司
Hunan Fuxing Feige Pharmaceutical Co., Ltd.
- 1.9.6 广州汉方现代中药研究开发有限公司
Guangzhou Hanfang Modern Chinese Medicine Research and Development Co., Ltd.
- 1.9.7 广州白云山天心制药股份有限公司
Guangzhou Baiyunshan Tianxin Pharmaceutical Co., Ltd.
- 1.9.8 湖南健朗药业有限责任公司
Hunan Jianlang Pharmaceutical Co., Ltd.
- 1.9.9 湖南圆通药业有限公司
Hunan Yuantong Pharmaceutical Co., Ltd.
- 1.9.10 大邦（湖南）生物制药有限公司
Argus (Hunan) Biopharmaceutical Co., Ltd.
- 1.9.11 南京瑞年百思特制药有限公司
Nanjing Ruinian Best Pharmaceutical Co., Ltd.
- 1.9.12 一笑堂（湖南）制药有限公司
Yixiaotang (Hunan) Pharmaceutical Co., Ltd.
- 1.9.13 湖南美媛本草生物工程有限公司
Hunan Meiyuan Herbal Bioengineering Co., Ltd.
- 1.9.14 长沙绿蔓生物科技有限公司
Hunan Nutramax Inc.

1 民用建筑工程

Civil Architecture Project

2.1 公共建筑

Public Architecture

- 2.1.1 中国（长沙）工程机械交易展示中心
Trade Show Center of China (Changsha) Engineering Machinery
- 2.1.2 华天贵宾楼
Guest-house of Huatian Hotel
- 2.1.3 长沙铜官窑遗址博物馆
Royal Copper Kiln Relic Museum of Changsha
- 2.1.4 新化县体育文化中心
Sport and Culture Center of Xinhua County
- 2.1.5 岳阳气象雷达站
Meteorological Radar Station of Yueyang City
- 2.1.6 城头山遗址博物馆
Chengtoushan Remainder Museum
- 2.1.7 娄底市文化中心
Loudi Cultural Center
- 2.1.8 隆平水稻博物馆
Yuan Longping Rice Museum
- 2.1.9 株洲汽车博览园项目
Zhuzhou Automobile Expo Park Project
- 2.1.10 张家界综合客运枢纽建设项目
Construction Project of Zhangjiajie Comprehensive Passenger Transport Hub
- 2.2 医疗建筑
- 2.2.1 邵阳市中心医院第三住院楼
No.3 Inpatient Building of Shaoyang City Central Hospital
- 2.2.2 宁乡县人民医院
Ningxiang County People's Hospital
- 2.2.3 长沙市中医医院（长沙市第八医院）
Chinese Medicine Hospital of Changsha City (Changsha No.8 Hospital)
- 2.2.4 江西丰城市人民医院
Fengcheng City People's Hospital of Jiangxi
- 2.2.5 怀化市妇幼保健院
Huaihua City Maternity and Child-care Hospital
- 2.2.6 湖南省汉寿县人民医院
Hanshou People's Hospital in Hunan Province
- 2.2.7 邵阳市中心医院东院 - 创晟佳康医院
East Hospital- Chuangshengjiakang Hospital of the Central Hospital of Shaoyang
- 2.2.8 岳阳市妇幼保健院迁建及岳阳市儿童医院新建项目
Relocating and Construction of Yueyang Maternal and Child Health-Care Hospital and Yueyang Children's Hospital Construction Project
- 2.2.9 南县人民医院整体搬迁工程规划建筑设计项目
Integral Relocation Engineering Planning and Architectural

Design Project of Nanxian People's Hospital

- 2.2.10 南华大学附属第一医院门诊大楼
Outpatient Building of First Affiliated Hospital of Nanhua University
- 2.2.11 长沙县妇幼保健院整体搬迁
Integral Relocation of Maternal and Child Health-Care Hospital in Changsha County
- 2.2.12 湘潭县妇幼保健院整体搬迁工程
Integral Relocation of Maternal and Child Health-Care Hospital in Xiangtan County
- 2.2.13 隆回县妇幼保健院整体搬迁工程
Integral Relocation Project of Maternal and Child Health-Care Hospital in Longhui
- 2.2.14 临澧人民医院整体搬迁
Integral Relocation of Linli People's Hospital
- 2.2.15 韶关市芙蓉新区市妇幼保健计划生育服务中心项目
Shaoguan City Furong New District Municipal Maternal & Child Health and Family Planning Service Center Project
- 2.2.16 始兴县人民医院新建项目
Shixing County People's Hospital Construction Project
- 2.3 学校建筑
- 2.3.1 湖南中医药大学新校区
New campus of Hunan University of Chinese Medical
- 2.3.2 长沙市明德中学整体搬迁工程
Integral Moving Project of Changsha Mingde High School
- 2.3.3 湖南理工学院新校区教学楼
Teaching Building of New Campus of Hunan Institute of Science and Technology
- 2.3.4 湖南农业大学第九教学楼、图书信息中心、新生公寓楼、学生服务中心、拆迁安置房等
No.9 Teaching Building, Library and Information Center, New Student's Apartment, Student Service Center, Relocation House of Hunan Agricultural University
- 2.3.5 湖南理工学院新校区综合实验楼
Comprehensive Laboratory Building of Hunan Institute of Science and Technology
- 2.3.6 湖南农业大学图书信息中心
Library and Information Centre of Hunan Agricultural University
- 2.3.7 双峰县第一中学北校区建设项目
North Campus Construction Project of Shuangfeng No. 1 Middle School
- 2.3.8 南雅中学体育综合馆
Sports Complex of Nanya Middle School of Changsha
- 2.3.9 周南中学综合馆
Sports Complex of Zhounan High School
- 2.3.10 中南大学商学楼
Business School Building of Central South University
- 2.3.11 中南大学地信楼
Geographic Information Building of Central South University

- 2.3.12 湖南师大附中梅溪湖中学
The High School Attached to HNU-Meixihu High School
- 2.3.13 周南梅溪湖中学
Changsha Zhounan Meixihu Middle School
- 2.3.14 长沙雅礼中学主教学楼
Main Teaching Building of Yali High School
- 2.3.15 双峰第一中学新建校区
The New Campus of Shuangfeng No. 1 Middle School
- 2.3.16 邵阳市第一中学搬迁建设项目
Shao Yang No 1. Middle School Relocation and Construction Project
- 2.3.17 石子岭学校项目
Shiziling School Project
- 2.3.18 芙蓉区火炬中学建设项目
Construction Project of Huoju Middle School in Furong District
- 2.4 城市综合体
Urban Complex
- 2.4.1 大汉建设——新化·大汉龙城
Da Han construction- Da Han Long Cheng of Xinhua City
- 2.4.2 五矿集团 / 嘉盛地产——尊城（湘潭九华国际综合小区）
China Minmetals Corporation/Jiangsheng Real Estate-Honored City (International Complex Community in Xiangtan Jiuhua District)
- 2.4.3 天心置业——星城荣域（新城国际公馆）
Tianxi Real Estate- Xingshengrongyu (Industrial Residence of New City)
- 2.4.4 建鸿达 / 盛和地产——万博汇
Wanbohui of Jianghongda/Shenghe Real Estate
- 2.4.5 中房集团 / 长沙中住兆嘉——中房瑞致小区
CRED/Changsha Zhongzhuzhaojia-CRED Ruizhi Community
- 2.4.6 步步高九华商业综合体
Jiuhua Commercial Complex Project of Better Life
- 2.4.7 兴旺正佳广场
Sunwalk Zhengjia Plaza
- 2.4.8 东一国际商业广场
Dongyi International Commercial Plaza
- 2.4.9 五江天街北区
North District of Wujiang Tianjie
- 2.4.10 湘潭商业中心
Xiangtan Commercial Center
- 2.4.11 长沙梅溪湖 F-13 地块超高层项目
Plot F-13 Super Tall Building Project in Meixihu, Changsha
- 2.4.12 绿地湖湘中心 S16 地块
Plot S16 of Greenland Huxiang Center
- 2.4.13 长沙市保利西海岸项目 E、F 区西南商业建设工程
Construction Project of Commercial Area Southwest E and F Area of Poly Xihaian in Changsha
- 2.5 居住建筑
Residential Architecture
- 2.5.1 北辰实业——北辰三角洲 E3 区
North Star Industry- North Star Delta E3 District
- 2.5.2 绿地集团——宁乡绿地中央花园
Greenland Group-Ningxiang Greenland Central Park
- 2.5.3 大德地产——海德公园
Dade Real Estate- Haide Park
- 2.5.4 惠州大亚湾——深圳滨海星城
Huizhou Big Bay- Shenzhen Binhai Star City
- 2.5.5 纵横置业——上海城（连城小区）
Zongheng Real Estate-Ocean Art (Liangcheng Community)
- 2.5.6 北海市银海区和平村委大老虎、小老虎村、打席村、电建村城市棚户区（城中村）改造项目
Dalaohu, Xiaolaohu, Daxi, Dianjian Urban Village Renovation Project in Heping Village Committee, Yin Hai District, Beihai
- 2.5.7 华润置地 - 华润橡树湾
Oak Bay Community of China Resources
- 2.5.8 华远地产 - 华远华时代
Huyuan Huashidai of Huayuan Real Estate
- 2.5.9 中海地产 - 中海国际社区一期
China Sea International Community (1st Phase) of China Sea Real Estate
- 2.5.10 广汇地产 - 兰亭湾畔
River City of Guanghui Real Estate
- 2.5.11 佳兆业 - 云顶梅溪湖
Yunding Meixi Lake, Kaisa Group
- 2.5.12 金科地产 - 金科中心
Jinke Center of Jinke Real Estate
- 2.5.13 中建信和 - 中建·悦和城
CSCEC Yuehe City of CSCEC Xinhe Real Estate
- 2.5.14 中国金茂（方兴地产）- 金茂府
Jinmao Palace of China Jinmao (Franshion Estate)
- 2.6 风景园林
Scenery and Gardening
- 2.6.1 新化县资江沿江风光带
Scenic Strip Along River Sides fo Zijiang River in Xinhua
- 2.6.2 娄底市柏杨广场
Loudi Baiyang Square
- 2.6.3 桃花潭湿地公园
Taohuatan Wetland Park
- 2.6.4 怀化市舞水河两岸沿江风光带
Scenic Strip Along River Sides of Wushui River in Huaihua
- 2.6.5 河南新乡牧野公园
Henan Xinxiang Muye Park
- 2.6.6 衡阳市滨江新区沿江风光带景观设计
River Bank Scenery Belt Landscape Design of Hengyang City Binjiang New District
- 2.6.7 长沙县星城公共绿地景观设计
Star City Public Green Land Landscape Design of Changsha County

- 2.6.8 常德市滨湖公园提质改造规划设计
Binhu Park Upgrading and Renovation Layout Design of Changde City
- 2.6.9 衡阳市耒水（东岸）风光带工程设计
Scenery Belt Design of Hengyang City Leishui River (East Bank)
- 2.6.10 星云湖南岸生态景观改造工程
Tongjiang River Scenic Belt Landscape Project and Ecological Flood Control Project in Shaodong County
- 2.6.11 邵东县桐江河风光带景观工程及生态防洪工程
South Bank Ecological Landscape Renovation Project of Xingyun Lake
- 2.6.12 湖南龙临湖旅游景区工程设计
Longlin Lake Scenic Area Engineering Design, Hunan

3 市政工程

Municipal Project

- 3.1 给水工程
Water Supply Project
- 3.1.1 新疆库尉地区工业供水工程
Industrial Water Supply Project of Kuwei District in XinJiang
- 3.1.2 太原钢铁集团泵站及共用给排水管网工程
Pump Station and Water Supply/Drainage Pipeline Project of Taiyuan Iron& Steel (Group) CO., Ltd.
- 3.1.3 邵东县城引水工程建设项目
Water Transmission Project of Shaodong County
- 3.1.4 北京房山区“引万入良”输水工程
Water Transmission Project of Beijing Fangshan
- 3.1.5 景德镇洋湖水厂
Yanghu Water Treatment Plant in Jingdezhen
- 3.1.6 长沙市第六水厂建设项目
Changsha No. 6 Water Plant Construction Project
- 3.1.7 渭南市中心区供水（北水厂）工程
Central District Water Supply (North Plant) Project in Weinan
- 3.1.8 长沙县星沙二水厂建设项目
Xingsha No. 2 Water Plant Construction Project in Changsha County
- 3.1.9 长沙市第二水厂扩建工
Changsha No. 2 Water Plant Extension Project
- 3.1.10 长沙县榔梨自来水厂改扩建
Langli Water Plant Reconstruction and Extension Project in Changsha County
- 3.1.11 长沙星沙水厂 9 万吨 / 天改扩建工程
Xingsha Water Plant 90,000 T/D Reconstruction and Extension Project in Changsha
- 3.1.12 盐城市城东水厂
East City Water Plant in Yancheng

3.2 排水工程

- Water Drainage Project
- 3.2.1 湖南张家界市武陵源风景名胜区污水处理工程
Sewage Treatment Project of Wulingyuan Scenic Resort District in Zhangjiajie, Hunan
- 3.2.2 湖南郴州市第三污水处理厂及配套管网工程
No. 3 Sewage Treatment Plant and Pipeline Project in Chenzhou, Hunan
- 3.2.3 河南省濮阳市中原区污水处理工程
Sewage Treatment Project of Zhongyuan District, Puyang, Henan
- 3.2.4 怀化市污水处理厂改扩建工程
Sewage Treatment Plant Reconstruction and Extension Project in Huaihua
- 3.2.5 长沙市新开设污水处理厂一期工程
Xinkaipu Sewage Treatment Center (Phase I) in Changsha
- 3.2.6 长沙县临空经济区综合污水处理中心（一期）工程
Airport Economic Zone Comprehensive Sewage Treatment Center Project (Phase I) in Changsha County
- 3.2.7 长沙市花桥污水处理厂改扩建工程（三期）初步设计
Preliminary Design of Huaqiao Sewage Treatment Plant Reconstruction and Extension Project (Phase III) in Changsha
- 3.2.8 长沙经济技术开发区星沙污水处理厂扩容（四期）
Xingsha Sewage Treatment Plant Expansion (Phase IV) in Changsha Economic and Technological Development Zone
- 3.2.9 雨花污水处理厂工程
Yuhua Sewage Treatment Plant
- 3.3 环境卫生工程
Environment & Sanitation Project
- 3.3.1 湖南临湘市城市生活垃圾卫生填埋场
Hunan Linxiang Urban Domestic Wastes Disposing Venue
- 3.3.2 湖南冷水江市生活垃圾卫生填埋场
Hunan Lengshuijiang Domestic Wastes Disposing Venue
- 3.3.3 湖南邵东城市生活垃圾卫生填埋场
Hunan Shaodong Urban Domestic Wastes Disposing Venue
- 3.3.4 长沙市第一垃圾中转处理场扩建工程
Expansion Works of No.1 Waste Transit Treatment Site in Changsha City
- 3.3.5 邵阳市餐厨废弃物资源化利用和无害化处理项目
Food Waste Resource Utilization and Innocuous Treatment Project in Shaoyang City
- 3.3.6 醴陵城市生活垃圾无害化处理场改扩建项目
Expansion Works of Municipal Solid Waste Innocuous Treatment Site in Liling City
- 3.3.7 湘阴县附山垸生活垃圾填埋场治理修复项目
Remediation of Municipal Solid Waste Landfill in Fushanyuan, Xiangyin County
- 3.3.8 成都市中心城区餐厨垃圾无害化处理项目（二期）
Central District Food Waste Innocuous Treatment (Phase II) in Chengdu City

- 3.4 燃气工程
Fuel Gas Project
- 3.4.1 湖南常德创远铝业 LNG 气化站
LNG Natural Gas Station of Changde Chuangyuan Alu. Industrial Co., Ltd.
- 3.4.2 江苏海安阳光液化气储配站异地搬迁工程
Relocation Project of Guangyang Liquid Gas Reservoir & Distribution Station of Haian, Jiangsu
- 3.4.3 河北顺泰能源 LNG 储配站及加气站工程
LNG Reservoir & Distribution Station, and Gas Station Project of Hebei Shuntai Energy
- 3.4.4 江苏如皋港区域燃气公用工程
Natural Gas Public Project of Rugao Harbor District, Jiangsu
- 3.4.5 广东省中山市永安电厂天然气储配站油改气工程配套气源站及管网工程
Natural Gas Station and Pipeline Works of Fuel Station to Gas Station Reconstruction Project of Yong'an Power Plant Natural Gas Reservation Station in Zhongshan, Guangdong
- 3.4.6 湖南晟通集团创元铝业常德工业园 LNG 气化站 2
LNG Vaporizing Station of SNTG Group Chuangyuan Aluminum Company in Changde Industrial Park
- 3.4.7 泰州至姜堰至戴南天然气管道工程
Natural Gas Pipeline Works from Jiangyan District to Tainan Town in Taizhou City
- 3.5 道路工程
Road Project
- 3.5.1 长沙县国家经济技术开发区东十线道路及给排水工程
East Tenth Road and Water Supply/Drainage Project of National Economic Development District in Changsha County
- 3.5.2 长沙高新区长兴路道路工程
Changxing Road Project of Changsha Hi-tech District
- 3.5.3 湖南怀化舞阳大道道路及市政管线工程
Wuyang Road and Municipal Pipeline Project of Huaihua, Hunan
- 3.5.4 长沙市岳麓区茶园路
Design of Chayuan Road in Yuelu District, Changsha City
- 3.5.5 杜花路（沙湾路~京珠高速）道路工程
Design of Duhua Road (between Shawan Road and Beijing-Zhuhai Expressway)
- 3.5.6 溆浦县长乐大道建设设计项目
Design of Changle Avenue in Xupu County
- 3.5.7 潇湘大道（福元路大桥至猴子石大桥）道路综合提质改造项目设计
Comprehensive Upgrading and Renovation of Xiaoxiang Avenue (between Fuyuan Bridge and Houzishi Bridge)
- 3.5.8 汉寿县“三改四化”南岳路、荆楚路、辰阳路道路工程规划设计项目
Planning and Design of Nanyue Road, Jingchu Road and Chenyang Road of “Three-renovation & Four-upgrade” Programme in Hanshou County

- 3.5.9 邵东县创业大道（北岭路）（兴盛路至希望大道段）工程设计
Design of Chuangye Avenue (from Beiling Road, Xingsheng Road to Xiwang Road) in Shaodong County
- 3.6 桥梁工程
Bridge Project
- 3.6.1 湖南桃江资江南路跨桃花江桥
Zijiang Road (S) Bridge Overpass Taohuajiang River of Taojiang, Hunan
- 3.6.2 广汽菲亚特跨线桥
Viaduct of Fiat of GAC Group
- 3.6.3 长沙北辰三角洲项目连接桥
Cross Bridge of Changsha Beichen Delta Project
新丰县丰南桥、万丰桥桥梁项目设计
Design of Fengnan Bridge and Wanfeng Bridge in Xinfeng County
长沙新华联铜官窑国际文化旅游度假区一、二期桥梁工程
Bridge Works Phase I & Phase II of Changsha Microlink Tongguan Kiln International Cultural Tourism Resort
道县西关桥等四座桥梁扩（新）建项目设计合同
Expansion and New-built project of Four Bridges in Dao County

4 环保工程 Environment Protection Project

- 4.1 水污染防治工程
Water Pollution Prevention and Treatment Project
- 4.1.1 湖南衡阳华菱钢管有限公司废水资源综合利用工程
Waste Water Resource Utilizing Project of Hengyang Valin Steel Tube Co., Ltd.
- 4.1.2 中国石油化工股份有限公司巴陵分公司化工污水回用工程
Chemical Sewage Water Recycle Project of Baling Branch of Sinopec Group
- 4.1.3 广东东莞市牛山污水处理工程
Niushan Sewage Water Treatment Project in Dongguan, Guangdong.
- 4.1.4 江苏张家港保税区胜科新生水有限公司中水项目
Reclaimed Water Project of Shengke Recycled Water Co., Ltd. of Baoshui District, Zhangjiagang City, Jiangsu
- 4.1.5 江苏太湖流域藻水分离站工程
Algal & Water Separation Station in Taihu Lake Area in Jiangsu Province
- 4.1.6 江西省乐平市南内河综合治理 PPP 项目
PPP Project of Comprehensive Treatment of South Inland River in Leping City, Jiangxi Province
- 4.1.7 常德市污水净化中心 PPP 项目
PPP Project of Changde Wastewater Purification Center

- 4.1.8 原州区清水河流域环境综合治理项目设计
Environmental Comprehensive Treatment of Qingshui River Basin in Yuanzhou District
- 4.1.9 太平溪综合治理工程设计项目
Comprehensive Treatment Works in Taipingxi Town
- 4.1.10 湖南衡阳钢管（集团）有限公司废水资源综合利用工程
Comprehensive Utilization of Wastewater in Hunan Hengyang Steel Pipe (Group) Co., Ltd
- 4.1.11 湖南涟源钢铁集团公司全厂生产废水处理及回用工程
Treatment and Recycling of Entire Industrial Wastewater in Hunan Lianyuan Steel Group Company
- 4.1.12 湖南省人民医院废水处理工程
Waste Water Treatment Project of Hunan
- 4.2 医疗垃圾处理工程
Medical Garbage Treatment Project
- 4.2.1 湖南怀化市医疗废物处置中心
Medical Wastes Disposing Center in Huaihua City, Hunan Province
- 4.2.2 湖北十堰市医疗废物处置中心
Medical Wastes Disposing Center in Shiyan City, Hubei Province
- 4.2.3 长沙市医疗废物集中处置中心
Changsha Medical Wastes Disposing Center
- 4.2.4 桂林市医疗废物处置项目
Medical Waste Disposal Center in Guilin City
- 4.2.5 株洲市医疗废物处置中心
Medical Waste Disposal Center in Zhuzhou City
- 4.3 物理污染治理
Physical Pollution Treatment
- 4.3.1 上海南洋电机有限公司电机噪声测试消声室
Noise Test and Anechoic Room of Shanghai Nanyang Electric Motor Ltd., Co.
- 4.3.2 长沙卷烟厂噪声治理工程
Noise Treatment Project of Changsha Cigarette Factory
- 4.4 固体废弃物处理
Solid Waste Treatment Engineering
- 4.4.1 长沙县固体废弃物处理场封场治理工程
Closure Works of Solid Waste Treatment Site in Changsha County
- 4.4.2 邵阳市灰坝固废填埋场扩容项目
Expansion Works of Ash Dam Solid Waste Landfill in Shaoyang City
- 4.4.3 再生园区固体废物资源化利用项目
Resource Utilization of Solid Waste in Regeneration park

5 电力工程

Electrical Engineering Project

- 5.1 燃气电站
Gas Turbine Power Plant
- 5.1.1 赤道几内亚首都马拉博 3X6B 燃机电站工程
Equatorial Guinea 3X6B Gas Turbine Power Plant
- 5.1.2 尼日利亚欧莫托修 4X9E 燃机电厂
Omotosho 4X9E Simple Cycle Gas Turbine Power Plant, Nigeria
- 5.1.3 安哥拉索约 750MW 燃机电站
750MW Gas Turbine Power Plant in Soyo, Angola
- 5.2 燃油电站
Oil Fired Power Plant
- 5.2.1 委内瑞拉苏利亚州应急发电项目燃机电站
Gas Turbine Power Plant for Emergency Power Generation in Zulia, Venezuela
- 5.2.2 委内瑞拉苏利亚州应急发电项目高速柴油电站
High-speed Diesel Engine Power Plant for Emergency Power Generation in Zulia, Venezuela
- 5.2.3 古巴 CAYO SANTAMARIA 岛 4xMAN 18V28/32S 重油电站项目
4xMAN 18V28/32S Heavy Oil Power Plant in Cayo Santa María, Cuba
- 5.3 燃煤电厂
Coal Fired Power Plant
- 5.3.1 大唐安阳 4 × 300MW 电厂汽机通流热力改造及热力首站 EPC 工程
Datang Anyang Power Plant 4 × 300MW Power Plant Turbine Flow Thermal Transformation and First Thermal Power Plant EPC Project
- 5.3.2 靖远第二发电有限公司 7 号、8 号机组供热改造（厂内部分）EPC 工程
Heat Supply Upgrading Project (EPC) of No.7 and No.8 Power Unit of Jing Yuan Second Power Co., Ltd.
- 5.3.3 华电广安 4 × 300MW 电厂热力改造 EPC 工程
CHD Guang'an 4 × 300MW Power Plant Thermal Transformation EPC Project
- 5.3.4 中电广西 2 × 630MW 电厂热力改造 EPC 工程
CLP Guangxi 2 × 630MW Power Plant Thermal Transformation EPC Project
- 5.3.5 华电湖北西塞山发电有限公司 1x600MW 机组供热改造总包项目
Heat Supply Upgrading Project (EPC) of 1 × 600MW Power Unit of CHD Hubei Xi Zhaishan Power Co., Ltd.
- 5.4 新能源工程
New Energy Project

- 5.4.1 敦煌万发 60MWp 并网光伏发电项目 EPC 总承包
Dunhuang Wanfa New Energy Co., Ltd. 60MWp Grid-connected Photovoltaic Power Plant EPC Project
- 5.4.2 湖南省博物馆燃气分布式能源（冷、热、电三联供）EPC 总承包项目
Hunan Provincial Museum Gas Distributed Energy (CCHP) EPC Project
- 5.4.3 嘉峪关协合 50MWp 并网光伏发电项目 EPC 总承包
Jiayuguan Xiehe New Energy Co., Ltd. 50MWp Grid-connected Photovoltaic Power Plant EPC Project
- 5.4.4 石家庄派诚 - 利盛印染有限公司分布式能源站 EPC 总承包项目
Shijiazhuang Paicheng Lisheng Printing and Dyeing Co., Ltd. Distributed Energy Station EPC Project
- 5.4.5 遂溪县遂西光伏农业综合利用项目（一期 40MWp）光伏电站项目
Photovoltaic Power Plant Project (1st Phase 40 MWp) of Suixi Photovoltaic Agriculture Integrated Utilization Project in Suixi County
- 5.4.6 松原市中心医院分布式能源站工程 EPC 总包项目
Distributed Energy Station Project (EPC) of Songyuan City Central Hospital
- 5.4.7 重庆渝北华地国际天然气分布式能源项目
Natural Gas Distributed Energy Project of Chongqing City Yubei Springland International Holdings Limited
- 5.5 输变电工程
Power Transmission and Transformation Project
- 5.5.1 铜陵有色铜冶炼工艺技术升级改造项目“奥炉改造工程”-110V 总降变电站及 110kV 输电线路 EPC 工程
Tongling Nonferrous Metals Group Holdings Co., Ltd. Copper Smelting Process Technology Upgrade Project ("Aolu Transformation Project")—110V Main Step-down Substation and 110kV Transmission Line EPC Project

- 5.5.2 尼日利亚欧莫托修 132kV、330kV 变电站工程
132kV and 330kV Substation Projects in Omotosho, Nigeria
- 5.5.3 革吉县农网改造升级工程 10kV 及以下农网工程（西藏）
10kV and Below Rural Cable Transformation and Upgrading Project in Geji County, Tibet
- 5.5.4 西藏山南浪卡子县农网改造升级工程
Rural Cable Transformation and Upgrading Project in Langkazi County, Shannan Prefecture, Tibet

6 海外工程

Overseas Engineering Project

- 6.1 安哥拉索约燃气电厂
Angola Soyo 750MW Gas Turbine Power Station
- 6.2 赤道几内亚 260 套社会住宅项目
260 Housing Units in Equatorial Guinea
- 6.3 厄瓜多尔 2 × 0.995MWp 太阳能发电项目
2 × 0.995MWp Solar Power Project in Ecuador
- 6.4 喀麦隆巴富萨姆体育场
Cameroon Bafoussam Stadium
- 6.5 肯尼亚莫伊教学与转诊医院扩建项目
Teaching and Referral Hospital Expanding Project in Moi Kenya
- 6.6 马尔代夫住房项目二期工程
1500 Housing Units in Maldives (Second Phase)
- 6.7 马尔代夫住房项目一期工程
1000 Housing Units in Maldives (First Phase)
- 6.8 塞内加尔达喀尔 90kV 环城输变电项目
Senegal Dakar 90kV City Power Transmission and Transformation Project
- 6.9 委内瑞拉苏利亚州应急发电项目燃机电站
Emergency Gas Power Station Project in Venezuela État de Zulia

主要案例 Major Cases

工业工程 Industrial Projects



哈尔滨电机厂重型汽轮发电机试验站项目
Heavy-duty Turbine Generator Testing Station Project of Harbin Electric Machinery Co., Ltd



东方电机有限公司华东新能源制造基地
East China New Energy Manufacture Base of Dongfang Electric Machinery Co., Ltd



上海电气风电集团 8MW 风电测试台
8MW Wind Power Testing Station of Shanghai Electric Power Generation Group



湘电风能有限公司
Xiangtan Electric Wind Power Co., Ltd



兰州电机股份有限公司入园新区搬迁项目
Relocation Project for Lanzhou Electric Corporation



湖南华菱线缆股份有限公司建设项目
Hunan Valin Wire & Cable Co., Ltd Construction Project



中国长江动力公司高速动平衡试验站
China Changjiang Energy Corporation High-speed Dynamic Balancing Experimental Station



利莱森玛风力发电机试验台
Leroy-Somer Wind Turbines Experimental Platform



泰豪沈阳电机有限公司（国家大中型电机检测中心）
National Medium and Large Motors Testing Center for Tellhow Shenyang Electric Machine Co., Ltd



上海电机厂 18000kW 级试验站
18000kW Class Test Station of SEC Shanghai Electric Machinery Co. Ltd.



株洲时代新材料科技股份有限公司兆瓦级大功率风电叶片产业化项目
Megawatt High-power Wind Turbine Blade Manufacture Industrialization Project of Zhuzhou Times New Materials Sci-tech Co., Ltd



湖南长重机器制造有限公司生产基地建设项目
Manufacture Base Construction Project of Hunan Changsha Heavy-duty Machinery Manufacture Co., Ltd



长沙锅炉厂新厂区
New Plant Area of Changsha Boiler Plant



湘潭锅炉有限责任公司新厂区项目
New Plant Project of Xiangtan Boiler Co., Ltd



新疆新华能精密架构有限公司
Xinjiang Xin Hua Neng Precise Structure Co., Ltd



中联重科泉塘工业园建设项目
Quan Tang Industrial Park Construction Project of Zoomlion Heavy Industry Science & Technology Development Co., Ltd



中联重科沅江工业园
Yuanjiang Industrial Park for Zoomlion Heavy Industry Science & Technology Co., Ltd



江华海联产业园
Jianghua Industrial Park for Hailian Corporation



三一中阳产业园
Sany Zhongyang Industrial Park



泰富重工（九华基地）
Hunan Jiuhua Industrial Park for TIDFORE Heavy Equipment Group Co., Ltd



娄底市中兴产业园
Loudi Industrial Park for ZTE Corporation



南车集团昆明城市轨道交通基地建设项目
Kunming Urban Transportation Rail Base Construction Project of Zhuzhou Electric Locomotives Co., Ltd



南车集团洛阳城市轨道交通基地建设项目
Luoyang Urban Transportation Rail Base Construction Project of Zhuzhou Electric Locomotives Co., Ltd



南车宁波城市轨道交通基地
Ningbo Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd



南车东盟（马来西亚）城市轨道交通基地
ASEAN (Malaysia) Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd



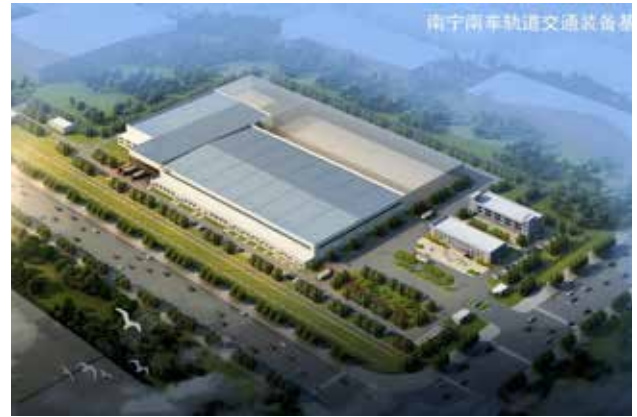
南车埃塞俄比亚城市轨道交通基地
Ethiopia Urban Transportation Rail Base Construction Project for CSR Zhuzhou Electric Locomotives Co., Ltd



株洲中铁轨道系统集团公司
Zhuzhou CRCC Rail System Group



株洲轨道交通产业园
Zhuzhou Rail Transportation Industrial Park



南车株洲轨道交通装备基地项目
CSR Zhuzhou Electric Locomotives Co., Ltd



长沙广汽江森汽车零部件有限公司
Changsha GAC Jiangsen Automobile Parts Co., Ltd



湖南易通汽车配件
Hunan Yitong Automobile Parts Science And Technology Development Co., Ltd.



湖南晓光汽车模具有限公司
Sunrise Auto Mould & Die Co., Ltd.



湖南易通汽车配件
Hunan Yitong Automobile Parts Science And Technology Development Co., Ltd.



非金属汽车零部件厂房鸟瞰
建设单位:株洲时代新材料科技股份有限公司
设计单位:中机国际工程设计研究院有限责任公司

株洲时代新材非金属汽车零部件项目
Non-metallic Automotive Parts Project of Zhuzhou Times New Material Technology CO., Ltd.



广州电装有限公司广汽菲亚特汽车空调配套项目
GAC FIAT Automobiles Air Conditioning Matching Projects of Guangzhou DENSO Corporation



株洲硬质合金型材扩产（一期）技术改造项目
Section Bar Production Expansion (1st Phase) Technical Reform Project of Zhuzhou Cemented Carbide Group Co., Ltd



湖南振钢铝材有限公司
Hunan Zhengang Aluminum Material Co., Ltd.



时代电气试验检测中心
Testing Center of Zhuzhou Electric Locomotives Co., Ltd.



威胜科技产业园
Industry Park of Wasion Electric



湖南华星宇传感技术有限公司华星宇科技园
Huaxingyu Science Park of Hunan Huaxingyu Sensing Technology Co., Ltd.



宁波三星智能环保配电设备扩能及智能化升级项目
Environmental Protection Distribution Equipment Expansion and Intelligent Upgrade Project of Ningbo Sanxing Intelligent Electric Co., Ltd.



武汉长海电力推进和化学电源有限公司
Wuhan Changhai Chemical and Electric Power Co., Ltd.



桑顿新能源科技有限公司
Soundon New Energy Technology Co., Ltd.



湖南守护神制药有限公司
Hunan Palladium Pharmaceutical Co., Ltd.



湖南健朗药业有限责任公司
Hunan Jianlang Pharmaceutical Co., Ltd.



大邦（湖南）生物制药有限公司
Argus (Hunan) Biopharmaceutical Co., Ltd.

民用建筑工程
Civil Architecture Project



中国（长沙）工程机械交易展示中心
Trade Show Center of China (Changsha) Engineering Machinery



长沙铜官窑遗址博物馆
Royal Copper Kiln Relic Museum of Changsha



华天贵宾楼
Guest-house of Huatian Hotel



岳阳气象雷达站
Meteorological Radar Station of Yueyang City



新化县体育文化中心
Sport and Culture Center of Xinhua County



城头山遗址博物馆
Chengtoushan Remains Museum



娄底市文化中心
Loudi Cultural Center



隆平水稻博物馆
Yuan Longping Rice Museum



株洲汽车博览园项目
Zhuzhou Automobile Expo Park Project



张家界综合客运枢纽建设项目
Construction Project of Zhangjiajie Comprehensive Passenger Transport Hub



邵阳市中心医院第三住院楼
No.3 Inpatient Building of Shaoyang City Central Hospital



宁乡县人民医院
Ningxiang County People's Hospital



长沙市中医医院（长沙市第八医院）
Chinese Medicine Hospital of Changsha City (Changsha No.8 Hospital)



江西丰城市人民医院
Fengcheng City People's Hospital of Jiangxi



怀化市妇幼保健院
Huaihua City Maternity and Child-care Hospital



湖南省汉寿县人民医院
Hanshou People's Hospital in Hunan Province



邵阳市中心医院东院 — 创晟佳康医院
East Hospital- Chuangshengjiakang Hospital of the Central Hospital of Shaoyang



岳阳市妇幼保健院迁建及岳阳市儿童医院新建项目
Relocating and Construction of Yueyang Maternal and Child Health-Care Hospital and Yueyang Children's Hospital Construction Project



南华大学附属第一医院门诊大楼
Outpatient Building of First Affiliated Hospital of Nanhua University



长沙县妇幼保健院整体搬迁
Integral Relocation of Maternal and Child Health-Care Hospital in Changsha County



湘潭县妇幼保健院整体搬迁工程
Integral Relocation of Maternal and Child Health-Care Hospital in Xiangtan County



隆回县妇幼保健院整体搬迁工程
Integral Relocation Project of Maternal and Child Health-Care Hospital in Longhui



始兴县人民医院新建项目
Shixing County People's Hospital Construction Project



韶关市芙蓉新区市妇幼保健计划生育服务中心项目
Shaoguan City Furong New District Municipal Maternal & Child Health and Family Planning Service Center Project

明德中学新校区建设工程



长沙市明德中学整体搬迁工程
Integral Moving Project of Changsha Mingde High School



双峰县第一中学北校区建设项目
North Campus Construction Project of Shuangfeng No. 1 Middle School



湖南理工学院新校区教学楼
Teaching Building of New Campus of Hunan Institute of Science and Technology



湖南理工学院新校区综合实验楼
Comprehensive Laboratory Building of Hunan Institute of Science and Technology



南雅中学体育综合馆
Sports Complex of Nanya Middle School of Changsha



长沙雅礼中学主教学楼
Main Teaching Building of Yali High School



石子岭学校项目
Shiziling School Project



芙蓉区火炬中学建设项目
Construction Project of Huoju Middle School in Furong District



步步高九华商业综合体
Jiuhua Commercial Complex Project of Better Life



东一国际商业广场
Dongyi International Commercial Plaza



湘潭商业中心
Xiangtan Commercial Center



长沙梅溪湖 F-13 地块超高层项目
Plot F-13 Super Tall Building Project in Meixihu, Changsha



绿地湖湘中心 S16 地块
Plot S16 of Greenland Huxiang Center



长沙市保利西海岸项目 E、F 区西南商业建设工程
Construction Project of Commercial Area Southwest E and F Area of Poly Xihai in Changsha



北海市银海区和平村委大老虎、小老虎村、打席村、电建村
城市棚户区（城中村）改造项目
Dalaohu, Xiaolaohu, Daxi, Dianjian Urban Village Renovation Project in Heping
Village Committee, Yinhai District, Beihai



华润置地－华润橡树湾
Oak Bay Community of China Resources



华远地产－华远华时代
Huyuan Huashidai of Huayuan Real Estate



中建信和－中建·悦和城
CSCEC Yuehe City of CSCEC Xinhe Real Estate



佳兆业－云顶梅溪湖
Yunding Meixi Lake, Kaisa Group



广汇地产 — 兰亭湾畔
River City of Guanghui Real Estate



新化县资江沿江风光带
Scenic Strip Along River Sides fo Zijiang River in Xinhua



衡阳市滨江新区沿江风光带景观设计
River Bank Scenery Belt Landscape Design of Hengyang City Binjiang New District



长沙县星城公共绿地景观设计
Star City Public Green Land Landscape Design of Changsha County



常德市滨湖公园提质改造规划设计
Binhu Park Upgrading and Renovation Layout Design of Changde City



衡阳市耒水（东岸）风光带工程设计
Scenery Belt Design of Hengyang City Leishui River (East Bank)



星云湖南岸生态景观改造工程
Tongjiang River Scenic Belt Landscape Project and Ecological Flood Control Project in Shadong County

市政工程 Municipal Project



景德镇洋湖水厂
Yanghu Water Treatment Plant in Jingdezhen



长沙市第六水厂建设项目
Changsha No. 6 Water Plant Construction Project



长沙县榔梨自来水厂改扩建
Langli Water Plant Reconstruction and Extension Project in Changsha County



长沙星沙水厂 9 万吨 / 天改扩建工程
Xingsha Water Plant 90,000 T/D Reconstruction and Extension Project in Changsha



盐城市城东水厂
East City Water Plant in Yancheng



湖南郴州市第三污水处理厂及配套管网工程
No. 3 Sewage Treatment Plant and Pipeline Project in Chenzhou, Hunan



长沙县临空经济区综合污水处理中心（一期）工程
Airport Economic Zone Comprehensive Sewage Treatment Center Project (Phase I) in Changsha County



长沙市花桥污水处理厂改扩建工程（三期）初步设计
Preliminary Design of Huaqiao Sewage Treatment Plant Reconstruction and Extension Project (Phase III) in Changsha



雨花污水处理厂工程
Yuhua Sewage Treatment Plant



长沙市第一垃圾中转处理场扩建工程
Expansion Works of No.1 Waste Transit Treatment Site in Changsha City



邵阳市餐厨废弃物资源化利用和无害化处理项目
Food Waste Resource Utilization and Innocuous Treatment Project in Shaoyang City



湖南晟通集团创元铝业常德工业园 LNG 气化站 2
LNG Vaporizing Station of SNTG Group Chuangyuan Aluminum Company in Changde Industrial Park



泰州至姜堰至戴南天然气管道工程
Natural Gas Pipeline Works from Jiangyan District to Tainan Town in Taizhou City



长沙县国家经济技术开发区东十线道路及给排水工程
East Tenth Road and Water Supply/Drainage Project of National Economic Development District in Changsha County



长沙市岳麓区茶园路
Design of Chayuan Road in Yuelu District, Changsha City



溆浦县长乐大道建设设计项目
Design of Changle Avenue in Xupu County



潇湘大道（福元路大桥至猴子石大桥）道路综合提质改造项目设计
Comprehensive Upgrading and Renovation of Xiaoxiang Avenue (between Fuyuan Bridge and Houzishi Bridge)



汉寿县“三改四化”南岳路、荆楚路、辰阳路道路工程规划设计项目
Planing and Design of Nanyue Road, Jingchu Road and Chenyang Road of "Three-renovation & Four-upgrade" Programme in Hanshou County

环保工程 Environment Protection Project



中国石油化工股份有限公司巴陵分公司化工污水回用工程
Chemical Sewage Water Recycle Project of Baling Branch of Sinopec Group



常德市污水净化中心 PPP 项目
PPP Project of Changde Wastewater Purification Center



太平溪综合治理工程设计项目
Comprehensive Treatment Works in Taipingxi Town



湖南衡阳钢管（集团）有限公司废水资源综合利用工程
Comprehensive Utilization of Wastewater in Hunan Hengyang Steel Pipe (Group) Co., Ltd



湖南涟源钢铁集团公司全厂生产废水处理及回用工程
Treatment and Recycling of Entire Industrial Wastewater in Hunan Lianyuan Steel Group Company



湖南省人民医院废水处理工程
Waste Water Treatment Project of Hunan



湖南怀化市医疗废物处置中心
Medical Wastes Disposing Center in Huaihua City, Hunan Province



桂林市医疗废物处置项目
Medical Waste Disposal Center in Guilin City



上海南洋电机有限公司电机噪声测试消声室
Noise Test and Anechoic Room of Shanghai Nanyang Electric Motor Ltd., Co.



长沙卷烟厂噪声治理工程
Noise Treatment Project of Changsha Cigarette Factory

电力工程 Electrical Engineering Project



赤道几内亚首都马拉博 3X6B 燃机电站工程
Equatorial Guinea 3X6B Gas Turbine Power Plant



尼日利亚欧莫托修 4X9E 燃机电厂
Omotosho 4X9E Simple Cycle Gas Turbine Power Plant, Nigeria



安哥拉索约 750MW 燃机电站
750MW Gas Turbine Power Plant in Soyo, Angola



古巴 CAYO SANTAMARIA 岛 4xMAN 18V28/32S 重油电站项目
4xMAN 18V28/32S Heavy Oil Power Plant in Cayo Santa María, Cuba



委内瑞拉苏利亚州应急发电项目燃机电站
Gas Turbine Power Plant for Emergency Power Generation in Zulia, Venezuela



靖远第二发电有限公司 7 号、8 号机组供热改造（厂内部分）
EPC 工程

Heat Supply Upgrading Project (EPC) of No.7 and No.8 Power Unit of Jing Yuan Second Power Co., Ltd.



中电广西 2×630MW 电厂热力改造 EPC 工程
CLP Guangxi 2×630MW Power Plant Thermal Transformation EPC Project



华电湖北西塞山发电有限公司 1×600MW 机组供热改造总包
项目

Heat Supply Upgrading Project (EPC) of 1×600MW Power Unit of CHD Hubei Xi Zhaishan Power Co., Ltd.



敦煌万发 60MWp 并网光伏发电项目 EPC 总承包

Dunhuang Wanfa New Energy Co., Ltd. 60MWp Grid-connected Photovoltaic Power Plant EPC Project



湖南省博物馆燃气分布式能源（冷、热、电三联供）EPC 总承包项目
Hunan Provincial Museum Gas Distributed Energy (CCHP) EPC Project



嘉峪关协合 50MWp 并网光伏发电项目 EPC 总承包
Jiayuguan Xiehe New Energy Co., Ltd. 50MWp Grid-connected Photovoltaic Power Plant EPC Project



石家庄派诚－利盛印染有限公司分布式能源站 EPC 总承包项目
Shijiazhuang Paicheng Lisheng Printing and Dyeing Co., Ltd. Distributed Energy Station EPC Project



遂溪县遂西光伏农业综合利用项目（一期 40MWp）光伏电站项目
Photovoltaic Power Plant Project (1st Phase 40 MWp) of Suixi Photovoltaic Agriculture Integrated Utilization Project in Suixi County



松原市中心医院分布式能源站工程 EPC 总包项目
Distributed Energy Station Project (EPC) of Songyuan City Central Hospital



湖南长沙河西汽车城 2.5MW 屋顶分布式光伏发电项目 EPC 总承包合同



兰考 6.36MWp 扶贫光伏项目



三一华南片 14.7MW 项目



张家口晟垣新能源有限公司崇礼区中环 30MW 光伏扶贫电站项目



铜陵有色铜冶炼工艺技术升级改造项目“奥炉改造工程”—110V 总降变电站及 110kV 输电线路 EPC 工程
Tongling Nonferrous Metals Group Holdings Co., Ltd. Copper Smelting Process Technology Upgrade Project ("Aolu Transformation Project")—110V Main Step-down Substation and 110kV Transmission Line EPC Project



尼日利亚欧莫托修 132kV、330kV 变电站工程
132kV and 330kV Substation Projects in Omotosho, Nigeria



革吉县农网改造升级工程 10kV 及以下农网工程（西藏）
10kV and Below Rural Cable Transformation and Upgrading Project in Geji County, Tibet

海外工程 Overseas Engineering Project



安哥拉索约燃气电厂
Angola Soyo 750MW Gas Turbine Power Station



赤道几内亚 260 套社会住宅项目
260 Housing Units in Equatorial Guinea



厄瓜多尔 $2 \times 0.995\text{MWp}$ 太阳能发电项目
 $2 \times 0.995\text{MWp}$ Solar Power Project in Ecuador



喀麦隆巴富萨姆体育场
Cameroon Bafoussam Stadium



肯尼亚莫伊教学与转诊医院扩建项目
Teaching and Referral Hospital Expanding Project in Moi Kenya



马尔代夫住房项目二期工程
1500 Housing Units in Maldives (Second Phase)



塞内加尔达喀尔 90kV 环城输变电项目
Senegal Dakar 90kV City Power Transmission and Transformation Project

中机中电设计研究院有限公司

China Electric Design and Research Institute Co., Ltd.

公司名称：中机中电设计研究院有限公司
Company Name: China Electric Design and Research Institute Co., Ltd.

中机中电设计研究院有限公司（简称中电院）始建于1951年，是国家大型综合性设计单位的先驱者，隶属于全球工程承包商225强企业——中国电力工程有限公司的央企公司。中电院技术力量雄厚，综合实力突出，业务领域全面，可为工程建设项目提供全过程、全方位的服务。

技术力量雄厚 中电院现有各类专业技术人员200余人，其中教授级高工16人，高级工程师80余人，各类国家注册工程师（包括建筑师、结构工程师、电气工程师、公用设备工程师、造价工程师、咨询工程师、监理工程师）、项目管理专家等70余人，专业齐全，人才梯队完备。

综合实力突出 中电院具有国家甲级工程咨询、甲级工程设计、甲级造价咨询、甲级工程监理、甲级工程总承包和甲级压力管道设计等资质；是北京市确定的固定资产投资项目节能评估机构之一；具有商务部颁发的对外工程承包和对外援助工程资质。中电院负责IEC-TC64（国际电工技术委员会建筑物电气装置）中国技术委员会的归口工作；负责主编部分国家电力规范及机械行业规范；承担国家重大项目（如核电站、三峡工程等）的评估与论证工作。

业务领域全面 中电院能为客户提供全过程、全方位的服务。全过程包括工程建设前期、项目实施和项目运行等，全方位包括投资策划咨询、前期科研、工程设计、招标代理、造价咨询、工程监理、施工前期准备、施工过程管理、竣工验收及运营保修等。

项目业绩丰富 中电院已经为机械、建筑、电力、市政、轻工、汽车、石化、物流储运、电子通信、环境保护和智能化等行业提供过先进的技术服务工作；完成各类工程咨询、工程设计和工程总承包项目数千项；研制各类专用设备、生产线等近百项；积极拓展并圆满完成了多项海外工程。中电院为国内外各个行业的发展规划和目标实现做出了重要贡献，赢得了用户的信任和满意。

科技创新持续 中电院积极跟踪和研究业务领域的技术发展，并拥有多项专利技术，用以保证技术的先进性。拥有多种自有专利、联营加工的设备及材料、新型建筑材料、

China Electric Design and Research Institute Co., Ltd. (CEI) was founded in 1951. It is a pioneer of the country's large-scale comprehensive design unit and a state-owned enterprise affiliated to China National Electric Engineering Corporation, (CNEEC) a TOP 225 global engineering contractor. CEI has a strong technical force, outstanding comprehensive strength and comprehensive lines of business, which can provide a full-process and all-round service for engineering construction projects.

Powerful technical strength: CEI has more than 200 professional and technical personnel, including 16 professor level senior engineers and more than 80 senior engineers. All kinds of national registered engineers (including architects, structural engineers, electrical engineers, and public equipment engineers, cost engineer, consulting engineer, supervising engineer), project management experts, more than 70 people, complete professional echelon personnel complete.

Outstanding comprehensive strength: CEI has the qualifications of national Grade A engineering consultation, Grade A engineering design, Grade A construction cost consultation, Grade A engineering supervision, Grade A engineering general contracting and Grade A pressure pipeline design. CEI is one of the energy efficiency estimation agencies for fixed-asset investment projects in Beijing. CEI has foreign engineering contracting certificate and foreign aid project qualification issued by the Ministry of Commerce. CEI is entitled to IEC-TC64 (electrical installations of buildings of the International Electrotechnical Commission) and its work of the technical committees in China. CEI is partly in charge of formulation of national design codes of electrical and machinery industries, CEI also undertakes or participates in technical evaluation and justification of national major projects, such as nuclear power plant and three-gorges project.

Comprehensive business areas: CEI can provide customers with the whole process and full range of services. The whole process includes pre-engineering construction, project implementation and project operation. Full range include investment planning consulting, preliminary research, engineering design, bidding agency, cost consulting, project supervision, pre-construction preparation, construction process management, completion acceptance and operational warranty.

Rich project achievements: CEI has provided advanced technical services for the industries of machinery, construction, electric power, municipal, light industry, automobile, petrochemical, logistics, transportation, electronic communication, environmental protection and intelligent. CEI has completed thousands of engineering consulting, engineering design and engineering general contracting projects;

轻钢结构、消声室、电机试验站、电站计算机自动控制系统、电站计算机自动测试系统、各种非标专用设备、工业密炉及机械化、自动化生产线、一二三级压力容器等。开发建筑信息模型（BIM）技术应用，绿色建筑、智能制造、装配式建筑等的发展与应用。荣获国家科技进步及优秀工程设计金、银、铜奖 50 余项、得到了国家领导人的肯定和行业同仁的赞誉。

企业文化深厚 中电院定位于工程技术研发中心和工程总承包企业的技术支撑与服务平台，致力于打造研发、设计、总包“三位一体”的科技型工程公司。以“送人类光明温暖，还自然碧水蓝天”为企业使命，秉承“务实进取，改革求变，以人为本，合作共赢”的核心价值观，以高端技术力量和强大的工程集成能力，竭诚为各国家和地区的项目业主提供工程建设全过程服务。

developed nearly 100 pieces of special equipment and production lines; actively expanded and successfully completed a number of overseas projects. CEI has made significant contributions to the development planning and achievement of various industries at home and abroad, and has won the trust and satisfaction of users.

Continuous innovation in science and technology: CEI actively tracks and studies the technological developments in the business field and has a number of patented technologies to ensure the advancement of technology. CEI have varieties of proprietary patents, include joint processing equipment and materials, new building materials, light steel structures, anechoic chambers, motor test stations, power station computer automatic control systems, power station computer automatic test systems, various non-standard special Equipment, industrial ovens and mechanized, automated production lines, one or two pressure vessels. Development of Building Information Model (BIM) technology applications, development and application of green building, intelligent manufacturing, and fabricated buildings. CEI was awarded more than 50 national scientific and technological progress and excellent engineering design gold, silver and bronze awards, and was recognized by the national leaders and praised by industry colleagues.

Profound corporate culture: CEI is positioned as a technical support and service platform for engineering technology research and development center and engineering general contracting companies. CEI is committed to building a “three-in-one” technology engineering company with R&D, design and general contracting. With the mission of “sending the warmth of human, return the natural blue water and blue sky”, CEI is committed to the core values of “pragmatic and enterprising, reform and change, people-oriented, cooperation and win-win”, and with high-end technical strength and strong engineering integration capabilities. CEI dedicated to provide project construction services for project owners in various countries and regions.

联系人及联系方式 Contact Person and Information

联系人：周梅
联系电话：(8610) 68798043
传真：(8610) 68798060

Contact: ZHOU Mei
Phone: (8610) 68798043
Fax: (8610) 68798060

资质证书 Qualification certificate



1、工程设计资质证书（国家住房和城乡建设部：A111007063）
Engineering Design Certificate (No.A111007063) issued by the Ministry of Housing and Urban-Rural Development

甲级：机械行业；商物粮专业；市政热力专业；建筑工程
乙级：电子通信广电行业（电子特种环境工程专业）
Grade-A: Machinery Industry; Commercial Logistics; Municipal Heating; Architecture Engineering;
Grade-B: Special Environmental Engineering Specialty of Elec tronic Communications Industry



2、工程设计资质证书（北京市规划委员会：A211007060）
Engineering Design certificate (No.A211007060) issued by the Beijing Municipal Commission of Urban Planning

乙级：电力行业（火力发电）专业
Grade-B: Thermal Power Generation Specially



3、工程咨询资质证书（国家发展和改革委员会：工咨甲20120070081）
Engineering Consultation Certificate No.20120070081 issued by the National Development and Reform Commission

甲级：机械；火电；市政公用工程；建筑
Grade-A: Machinery; Thermal Power Generation ; Municipal Public Engineering; Architecture



4、工程造价咨询资质证书（国家住房和城乡建设部：甲150111350257）
Engineering Cost Consulting Certificate Grade-A 150111350257 issued by the Ministry of Housing and Urban- Rural development

甲级
Grade-A



5、对外承包工程资格证书（北京市商务委员会：
1100200100027）
Overseas Project Contracting Qualification Certificate No.1100200100027
issued by the Beijing Municipal Commission of Commerce



6、对外贸易经营者备案登记表（北京市商务委员会：
1100101624664）
Foreign Trade Dealers Registration Form No. 1100101624664 issued
by the Beijing Municipal Commission of Commerce



7、特种设备（压力管道）设计许可证（国家质量监督检验检疫总局：TS1810515—2019）
Special Equipment (Pressure Pipeline) Design License No.TS1810515-2019
issued by the State Administration of Quality Supervision Inspection and
quarantine



8、ISO 14001:2015 环境管理体系认证证书
ISO 14001:2015 EMS Certificate of Registration



9、ISO 9001:2015 质量管理体系认证证书
ISO 9001:2015 QMS Certificate of Registration



10、ISO 45001:2018 职业健康安全管理体系认证证书
ISO 45001:2018 OHSMS Certificate of Registration

主要业绩 Major Achievements

1 工程设计资质甲级

Grade A qualification of Engineering Design

1.1 机械行业甲级

Grade A Qualification for Mechanical Industry

1.1.1 永济新时速电机电器有限责任公司新建产业园区

CRRC Yongji Electric Co. Ltd New Industrial Park

1.1.2 东方电机控制设备有限公司

DEFM Control Equipment Co. Ltd

1.1.3 东方电气（乐山）新能源设备有限公司

DEC (Leshan) New Energy Equipment Co. Ltd

1.1.4 中国印钞造币总公司技术中心

China Banknote Printing Technology Research Institute Co., Ltd

1.1.5 北京中钞钞券设计制版有限公司

Beijing Banknote Design and Platemaking Co., Ltd.

1.1.6 中钞信用卡产业发展有限公司

Credit Card Industry Development Co., Ltd

1.1.7 天津北瀛再生资源回收利用有限公司生产基地项目

Production Base Project, Tianjin Beiyong Renewable Resource Recycling Co., Ltd.

1.1.8 西哈努克市金属回收综合利用基地（规划中）

Metal Recovery Comprehensive Utilization Base, Sihanouk (In Planning)

1.1.9 山西宇星客车有限公司

Shanxi Yuxing Bus Co., Ltd.

1.1.10 天津碧水源膜产业基地

Tianjin Bishuiyuan Film Industry Base

1.1.11 无锡碧水源膜产业基地

Wuxi Bishuiyuan Film Industry Base

1.1.12 河北桃之味酒业有限公司食品加工生产线建设项目

Food Processing Production Line Construction Project of Hebei Taozhiwei Wine Co., Ltd.

1.2 商物粮行业专业甲级

Level A Qualification of engineering design for Commercial grain industry

1.2.1 北京千喜鹤食品有限公司 5000t 冷库

5,000t Cold Storage of Beijing Qianxi Crane Food Co., Ltd.

1.2.2 京东（天津）无人仓储基地

Unmanned Storage Base of JD (Tianjin)

1.2.3 中车永济运达通物流中心

Yongji Yundatong Logistics Center of CRRC

1.3 市政行业工程设计专业甲级

Grade A Qualification of engineering design for Municipal Industry

1.3.1 北京双榆树供热厂集中供热工程（二期）

Shuang yu shu Heating Plant Central Heating Project (Phase II), Beijing

1.3.2 鄂尔多斯国泰化工 3x160t/d+30MW 动力站工程

Ordos Guotai chemical 3x160t/d+30MW power station project

1.3.3 北京左家庄 4x29MW 供热厂集中供热工程

Zuojiashuang 4x29MW Central Heating Project in Beijing

1.3.4 扎兰屯城市中水回用项目水处理 4 万吨 / 日

Water Reuse Project, Zhalantun Water treatment 40,000 t/d

1.3.5 吉林省吉林市污水处理工程污水处理 15 万吨 / 日

Sewage Treatment Project, Jilin, Jilin Province Sewage treatment 150,000t/d

1.3.6 张家口宣化区羊坊水处理工程,

污水处理 10.62 万吨 / 日, 污泥处理 97.5 吨 / 日

District Yangfang Water Treatment Project, Zhangjiakou

Sewage treatment is 106,200 t/d, Sludge treatment 97.5 t/d

1.4 建筑行业工程设计专业甲级

Grade A Qualification of engineering design for architectural Industry

1.4.1 人大会议中心顺喜山庄改造项目

ShunXi Conference Center Reconstruction Project

1.4.2 北京西城区老年病院改造项目

Geriatric Hospital Renovation Project, Xicheng District, Beijing

1.4.3 中科院延庆中试、技术孵化基地

Pilot test and technology incubation base of Chinese academy of sciences, Yanqing

1.4.4 北京怀柔三舍民宿

Sanshe Village, Huairou, Beijing

1.4.5 海南兰水湾豪华网箱旅游度假区

Blue-Bay Tourist Resort, Hainan Province

1.4.6 北京密云云海怡庄园

Beijing Miyun Hai Yi Manor

1.4.7 北京怀柔长元村旅游小镇

Beijing Huairou Changyuan Village Tourist Town

1.4.8 北京大数据软件研发生产用房及配套设施建设项目

Big Data Software R&D and Production Building and Supporting Facilities Construction Project, Beijing

1.4.9 北京顺诚创新产业基地

Beijing Shuncheng Innovation Industrial Base

1.4.10 马尔代夫航空公司保障性住房项目

Indemnificatory Housing Project of Maldives Airlines

1.4.11 驻悉尼总领馆改造项目

Renovation Project at the Reception of the Chinese Consulate in Sydney

1.4.12 援汤加体育场项目

Stadiums Project, Tonga

1.4.13 援缅甸小型碾米机制造厂项目设计监理

Rice Mill Manufacturing Project, Myanmar, Design Supervision

1.4.14 南非 400 套住宅设计监理

400 residential design supervision in South Africa

2 工程设计资质乙级

Grade B qualification of Engineering Design

2.1 电力行业火力发电专业工程设计乙级资质

Grade B qualification for engineering design of Thermal Power Generation in the Power Industry

2.1.1 菲律宾 MARIVELES 2 × 300MW 燃煤电站

Mariveles 2 × 300mw coal-fired power plant, Philippine

2.1.2 中石油乍得 5 × 12MW 燃油电厂

CNPC5 × 12MW oil-fuel power plant in Chad

2.1.3 泰国 TPI PP 150MW 电站项目

TPI PP 150MW Power Plant Project, Thailand

2.1.4 巴基斯坦 KABIRWALA 燃气蒸汽联合循环电站

装机容量 2x50MW 燃气轮机 +44MW 蒸汽轮机 +2x110t 余热锅炉

KABIRWALA Combined Cycle Power Plant, Pakistan

Installed capacity 2x50MW gas turbine + 44MW steam turbine + 2x110t waste heat boiler

2.1.5 天津港保税区 (海港) 热电联产工程

Tianjin Port Free Trade Zone (Harbor) Cogeneration Project

2.1.6 泰国 TPI PL 2 × 18MW 水泥窑余热发电厂——世界上最大的水泥窑余热发电厂

TPI PL 2 × 18MW Cement Kiln Waste Heat Power Plant, Thailand, The World's Largest Cement Kiln Waste Heat Power Plant

2.1.7 埃塞俄比亚莱比 2 × 25MW 垃圾发电厂

Reppie 2 × 25mw Waste-To-Energy Project, Ethiopia

2.1.8 泰国 TPI PP 60MW 垃圾焚烧和 30MW 水泥窑余热电站

TPI PP 60MW Waste to Energy Project and 30mw Cement Kiln Waste Heat Power Plant, Thailand

2.1.9 阿塞拜疆 AZDERS-IMISHLI 330kV 输变电工程

AZDERS-IMISHLI 330kV Power Transmission and Transformation Line, Azerbaijan

2.1.10 巴基斯坦 New Lahore 500kV 变电站

Pakistan New Lahore 500kV substation

2.1.11 菲律宾 CALACA 2X150MW 燃煤电站;

Philippines Calaca 2x150mw Coal Fired Power Plant

2.1.12 印尼 AWAR-AWAR 2*350MW 燃煤电站工程

Indonesia AWAR-AWAR 2*350MW coal-fired power station project

2.1.13 菲律宾 SEMIRARA 1*15MW CFB 燃煤电站工程

Philippines SEMIRARA 1*15MW CFB coal-fired power station project

2.1.14 泰国 TPI PP 扩建项目 150T/H 循环硫化床 (CFB)

TPI PP Extension Project of 150T/H CFB, Thailand

2.1.15 泰国 TPI PP TG7 汽机岛扩建工程

TPI PP TG7 Turbine Island Extension Project, Thailand

主要案例 Major Cases



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Metal Recovery Comprehensive Utilization Base, Sihanouk (In Planning)



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AZDERS-IMISHLI 330kV Power Transmission and Transformation Line, Azerbaijan



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机械工业勘察设计研究院有限公司

China Jikan Research Institute of Engineering Investigations and Design Co., Ltd.

公司名称：机械工业勘察设计研究院有限公司

Company Name: China Jikan Research Institute of Engineering Investigations and Design Co., Ltd.

机械工业勘察设计研究院有限公司，位于“一带一路”的起点——古都西安，成立于1952年，现有800余名专业人员，4名“全国工程勘察设计大师”，170多位高级工程师，承担了国家级、省部级150余项重大科研项目，主编或编审了60余种规范、规程、手册，荣获省部级及以上科技进步奖、科技成果奖、优秀工程奖230余项。

现已形成工程勘察、测绘工程、工程设计、工程检测、工程承包、环境工程的全产业链条，能为业主提供与工程建设相关的全方位、全过程综合服务。

在中国31个省、市、自治区累计完成了20000余项各类工程建设任务，业绩已遍及亚洲、欧洲、非洲、美洲、大洋洲等60多个国家和地区，建立了安哥拉、委内瑞拉、柬埔寨、喀麦隆、老挝、印度尼西亚、斯里兰卡、赞比亚等一批海外基地。

Founded in 1952 and based in Xi'an, the ancient capital where the Silk Road starts, China Jikan Research Institute of Engineering Investigations and Design Co., Ltd., currently has over 800 professionals, including four state-certified Engineering Design Masters and more than 170 senior engineers. As one of China's Top 100 Engineering Investigation and Design Enterprises with comprehensive strength, JK Institute has undertaken over 150 national and provincial major scientific research projects, edited and reviewed over 60 specifications, procedures and manuals, and has been awarded over 230 prizes, such as Science and Technology Progress Award, Science and Technology Achievement Award and Outstanding Engineering Award.

With a complete industry chain of engineering investigation, surveying and mapping engineering, engineering designing, engineering testing, engineering contracting and environmental engineering, JK Institute provides all-round, whole-process services regarding engineering and construction.

JK Institute has completed over 20,000 engineering and construction projects in 31 provinces, cities and autonomous regions in China, expanded footprints to more than 60 countries and regions in Asia, Europe, Africa, America and Oceania, and built bases in Angola, Venezuela, Cambodia, Cameroon, Laos, Indonesia, Sri Lanka, and Zambia.

联系人及联系方式

Contact Person and Information

联系人：冯星

联系电话：029-62658880

传真：029-83231354

Contact: Feng Xing

Phone: 029-62658880

Fax: 029-83231354

资质证书
Qualification certificate

序号	类别	资质名称	等级	发证机关	中英文
1	工程勘察	工程勘察	综合甲级	中华人民共和国住房和城乡建设部	工程勘察甲级资质 Grade A Engineering Investigation Certificate
2	工程设计	排水工程专业设计	专业甲级	中华人民共和国住房和城乡建设部	工程设计甲级资质 Grade A Engineering Design Certificate
		道路工程专业设计	专业甲级	中华人民共和国住房和城乡建设部	
		建筑工程专业设计	专业甲级	中华人民共和国住房和城乡建设部	
3	规划	城乡编制规划	编制乙级	陕西省住房和城乡建设厅	城乡编制规划乙级资质 Grade B Urban-rural Planning Certificate
4		土地规划设计	乙级	陕西省土地学会	土地规划设计乙级资质 Grade B Land Planning and Design Certificate
5	工程咨询	工程咨询（建筑工程专业）	专业甲级	中国工程咨询协会	工程咨询甲级资质 Grade A Engineering Consultation Certificate
6	测绘工程	工程测量	甲级	中华人民共和国自然资源部	工程测量甲级资质 Grade A Engineering Mapping Certificate
7		不动产测绘：地籍测绘、房产测绘； 摄影测量与遥感 地理信息系统工程	乙级	陕西省测绘地理信息局	测绘乙级资质 Grade B Engineering Surveying Certificate
8	地质灾害防治资质	地质灾害治理工程勘查资质	甲级	国土资源部	地质灾害防治甲级资质 Grade A Geologic Disasters Control Engineering Certificate
9		地质灾害治理工程设计资质	甲级	国土资源部	
10		地质灾害治理工程评估资质	甲级	国土资源部	
11		地质灾害治理工程施工资质	甲级	国土资源部	
12	环境影响评价	建设项目环境影响评价资质	乙级	中华人民共和国环境保护部	环境影响评价乙级资质 Grade B Environmental Impact Assessment Certificate
13	水资源论证	水资源论证	乙级	中国水利水电勘测设计协会	水资源论证乙级资质 Grade B Water Resources Argumentation Certificate
14	建筑业施工	建筑工程施工总承包	壹级	中华人民共和国住房和城乡建设部	建筑工程施工总承包壹级资质 Grade A General Contracting of Construction Projects Certificate
15		地基与基础工程专业承包	壹级	中华人民共和国住房和城乡建设部	地基与基础工程专业承包壹级资质 Grade A General Contracting of Foundation Engineering Certificate
16		市政公用工程施工总承包、 建筑装修装饰工程专业承包、 消防设施工程专业承包、 特种工程专业承包 不分等级 (建筑物纠偏和平移)	二级	陕西省住房和城乡建设厅	市政工程总承包二级资质 Grade B General Contracting of Municipal Projects Certificate



1、工程勘察甲级资质
Grade A Engineering Investigation Certificate



2、工程设计甲级资质
Grade A Engineering Design Certificate



3、城乡编制规划乙级资质
Grade B Urban-rural Planning Certificate



4、土地规划设计乙级资质
Grade B Land Planning and Design Certificate



5、工程咨询甲级资质
Grade A Engineering Consultation Certificate



6、工程测量甲级资质
Grade A Engineering Mapping Certificate



7、测绘乙级资质
Grade B Engineering Surveying Certificate



8、地质灾害防治甲级资质
Grade A Geologic Disasters Control Engineering Certificate



9、地质灾害防治甲级资质
Grade A Geologic Disasters Control Engineering Certificate



10、地质灾害防治甲级资质
Grade A Geologic Disasters Control Engineering Certificate



11、地质灾害防治甲级资质
Grade A Geologic Disasters Control Engineering Certificate



12、环境影响评价乙级资质
Grade B Environmental Impact Assessment Certificate



14、建筑工程施工总承包壹级资质
Grade A General Contracting of Construction Projects Certificate



16、市政工程总承包二级资质
Grade B General Contracting of Municipal Projects Certificate

主要业绩

Major Achievements

工程勘察

Engineering Investigation

- 1、西安财经学院新校区场地勘察与地基基础试验（国家优秀工程勘察设计金奖）
Engineering Investigation and Foundation Test of XUFE Campus (Golden Medal of National Engineering Investigation and Design)
- 2、西安地铁 2 号线勘察及古文物振动影响研究（国家科技进步二等奖）
Engineering Investigation and Research of Vibration on Heritage Site of Subway Line 2, Xi'an (Second Prize of National Science and Technology Progress Award)
- 3、郑（州）-西（安）高速铁路勘察及研究（世界首条湿陷性黄土地区高速铁路）
Engineering Investigation and Research of High-speed Railway from Zhengzhou to Xi'an (First High-speed Railway on Collapsible Loess Area in the world)
- 4、延长石油榆能化工园区勘察
Engineering Investigation of Yuneng Chemical Industry Park, Shaanxi Yanchang Petroleum Group.
- 5、合肥新桥机场勘察
Engineering Investigation of Xinqiao Airport, Hefei

测绘工程

Surveying and Mapping Engineering

- 6、深圳地铁控制测量
Control Surveying of Subways in Shenzhen
- 7、延安市“多规合一”数字城市建设
Digital City Construction of Yan'an City
- 8、智慧大明宫遗址公园运管平台建设
Operation and Management Platform Construction of Digital Da Minggong Park
- 9、银川综合保税区项目三维激光扫描建模
3D Laser Scanning Modeling of Yinchuan Comprehensive Bonded Zone Project

- 10、长沙市综合管廊智能监测

Intelligent Monitoring of Changsha Utility Tunnel

工程设计

Engineering Designing

- 11、安哥拉国家社会住房项目设计
Design of Angola National Social Housing Project
- 12、黄河古贤水利枢纽工程用地规划
Land Planning of Yellow River Guxian Hydro-junction Project
- 13、汉能集团陕西渭南中心设计
Design of Weinan Center of Henergy Group
- 14、西安楼观·中国道文化展示区财神庙景区设计
Design of Temple of wealth, Taoism Exhibition in Xi'an
- 15、甘肃庆城古城墙及护城河景观照明设计
Landscape and Lighting Design of City Wall and Moat in Qingcheng

环境工程

Environmental Engineering

- 16、三峡库区库岸工程地质勘察与治理方案设计
Engineering Investigation and Treatment of the Three Gorges Reservoir Bank
- 17、杭州市危险废物安全填埋场勘察
Engineering Investigation of Hangzhou Landfill for Hazardous Waste
- 18、三江源国家公园黄河源水电站拆除环境影响研究
Environmental Impact Study of Huangheyuan Hydro-power Station Demolition
- 19、吉林长白山“山水林田湖草”生态修复项目
Ecological Restoration Project in Changbai Mountains in Jilin
- 20、西安古城墙保护
Study on Protection of Xi'an City Wall

主要案例 Major Cases



西安财经学院新校区场地勘察与地基基础试验（国家优秀工程勘察设计金奖）

Engineering Investigation and Foundation Test of XUEFE Campus (Golden Medal of National Engineering Investigation and Design)



西安地铁 2 号线勘察及古文物振动影响研究（国家科技进步二等奖）

Engineering Investigation and Research of Vibration on Heritage Site of Subway Line 2, Xi'an (Second Prize of National Science and Technology Progress Award)



郑（州）—西（安）高速铁路勘察及研究（世界首条湿陷性黄土地区高速铁路）

Engineering Investigation and Research of High-speed Railway from Zhengzhou to Xi'an (First High-speed Railway on Collapsible Loess Area in the world)



延长石油榆能化工园区勘察

Engineering Investigation of Yuneng Chemical Industry Park, Shaanxi Yanchang Petroleum Group.



合肥新桥机场勘察
Engineering Investigation of Xinqiao Airport, Hefei



深圳地铁控制测量
Control Surveying of Subways in Shenzhen



延安市“多规合一”数字城市建设
Digital City Construction of Yan'an City



智慧大明宫遗址公园运管平台建设
Operation and Management Platform Construction of Digital Da Minggong Park



银川综合保税区项目三维激光扫描建模
3D Laser Scanning Modeling of Yinchuan Comprehensive Bonded Zone Project



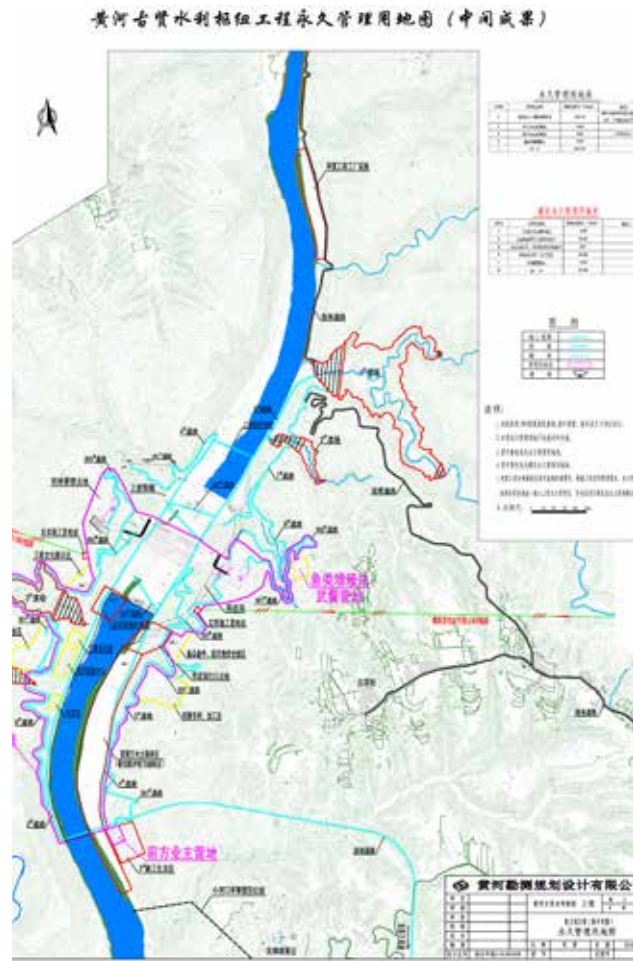
长沙市综合管廊智能监测
Intelligent Monitoring of Changsha Utility Tunnel



安哥拉国家社会住房项目设计
Design of Angola National Social Housing Project



汉能集团陕西渭南中心设计
Design of Weinan Center of Henergy Group



黄河古贤水利枢纽工程用地规划
Land Planning of Yellow River Guxian Hydro-junction Project



西安楼观 中国道文化展示区财神庙景区设计
Design of Temple of wealth, Taoism Exhibition in Xi'an



甘肃庆城古城墙及护城河景观照明设计
Landscape and Lighting Design of City Wall and Moat in Qingcheng



三峡库区库岸工程地质勘察与治理方案设计
Engineering Investigation and Treatment of the Three Gorges Reservoir Bank



杭州市危险废物安全填埋场勘察
Engineering Investigation of Hangzhou Landfill for Hazardous Waste



三江源国家公园黄河源水电站拆除环境影响研究
Environmental Impact Study of Huangheyuan Hydro-power Station Demolition



吉林长白山“山水林田湖草”生态修复项目
Ecological Restoration Project in Changbai Mountains in Jilin



西安古城墙保护
Study on Protection of Xi'an City Wall

哈尔滨电站设备成套设计研究所有限公司

Introduction of Harbin Power System Engineering & Research Institute CO.,LTD

公司名称：哈尔滨电站设备成套设计研究所有限公司

Company Name: Introduction of Harbin Power System Engineering & Research Institute CO.,LTD

哈尔滨电站设备成套设计研究所有限公司主要从事电力领域的工程设计、设备监理、技术服务与管理、调试与性能试验、环保技术应用与研发、控制装置的设计与供货等，专注提供电站领域全过程咨询服务。拥有电力行业火力发电、变电工程、送电工程设计资质证书、市政行业热力工程设计资质证书及压力管道设计资格证书。

公司设计队伍近百人，其中六十余人次拥有各类注册执业证书，设计专业配置齐全，人员熟练掌握国内外相关标准，执行能力强。累计完成八十余项火力发电、热电联产、新能源发电、送变电、电站大修以及供热工程项目的设计工作。设计项目遍布二十多个国家和地区。

Introduction of Harbin Power System Engineering & Research Institute CO.,LTD mainly engaged in engineering design, equipment supervision, technical service and management, commissioning and performance testing, environmental technology application and research and development, control device design and supply in the power field, focusing on providing full-process consulting services in the power station field. CHPI has thermal power generation, substation engineering, power transmission engineering design qualification certificate, municipal industry thermal engineering design qualification certificate and pressure pipe design qualification certificate.

The company has a design team of nearly 100 people, of which more than 60 people have registered certificates in various field. The design configuration is completed and personnel are proficient in relevant domestic and international standards and have strong execution capabilities. The company have completed the design work of thermal power plant projects, cogeneration projects, new energy power generation project, power transmission, rehabilitation projects and heating supply projects, which have been distributed in more than 20 countries and regions.

联系人及联系方式

Contact Person and Information

联系人：钱铁锋

联系电话：0451-82930720 (13936399638)

传真：0451-82689665

Contact: Qian tiefeng

Phone: 0451-82930720 (13936399638)

Fax: 0451-82689665

资质证书 Qualification certificate



工程设计资质
Engineering design qualification certificate



中华人民共和国特种设备设计许可证
Design License of Special Equipment People's Republic
of China (Pressure Pipe)

主要业绩

Major Achievements

新建电站设计主要案例（电力行业火力发电专业乙级资质）

New built power plant design cases (Grade B qualification for thermal power generation in the power industry)

- 1、菲律宾 CALACA 2 × 150MW 电站工程
Philippine CALACA 2 × 150MW power plant project
- 2、马达加斯加 Ambatovy 3 × 235t/h 电站锅炉岛工程
Madagascar Ambatovy 3 × 235t/h boiler island project
- 3、土耳其 ODAS 联合循环余热发电工程
Turkey ODAS combined cycle power plant project
- 4、印度文达特 3 × 30MW 电站工程
India Vedanta 3 × 30MW power plant project
- 5、印度 UKAL 3 × 330t/h 锅炉岛工程
India UKAL 3 × 330t/h boiler island project
- 6、绥化中盟 4 × 130t/h+1 × 30MW+2 × 25MW 电站工程
Zhongmeng Suihua 4 × 130t/h+1 × 30MW+2 × 25MW thermal power plant project
- 7、黑河热电厂 1 × 25MW 电站工程
Heihe 1 × 25MW thermal plant project
- 8、黑河热电厂新建 2 × 220t/h 锅炉岛工程
Heihe 2 × 220t/h thermal plant boiler island project
- 9、嫩江热电 3 × 15MW 电站工程
Nenjiang 3 × 15MW thermal plant project
- 10、铁力宇祥 1 × 50MW 电站工程
Tieli Yuxiang 1 × 50MW power plant project
- 11、大庆石化新建 1 × 240t/h 锅炉岛工程
Daqing Petrochemical 1 × 240t/h boiler island project
- 12、泰国 1 × 6MW 稻壳电站工程
Thailand 1 × 6MW Rice husk power plant project
- 13、克山启明 2 × 15MW 生物质电站工程
Keshan Qiming 2 × 15MW biomass power plant project

电站大修改造设计主要案例（电力行业火力发电专业乙级资质）

Overhaul and rehabilitation design cases (Grade B qualification for thermal power generation in the power industry)

- 14、阿塞拜疆 TPP 7 × 300MW 电站大修工程
Azerbaijan TPP 7 × 300MW overhaul project
- 15、叙利亚 MEHARDEH 2 × 150MW 电站大修工程
Syria MEHARDEH 2 × 150MW power plant rehabilitation project
- 16、大庆石化 3 × 410t/h 锅炉低氮环保改造工程
Daqing Petrochemical 3 × 410t/h boiler low NOx renovation project
- 17、黑河热电厂 3 × 15MW 汽轮发电机岛改造工程
Heihe Thermal Power Plant 3 × 15MW turbine island renovation project
- 18、中国一汽动能分公司 5 × 130t/h 锅炉脱硝改造工程
China FAW Kinetic Energy Branch 5 × 130t/h boiler denitrification renovation project
- 19、黑河热电厂 6 台 CFB 锅炉喷钙脱硫和石灰石制粉厂工程
Heihe 6 sets CFB boiler calcium desulfurization and limestone pulverizing plants project
- 20、博茨瓦纳 MOROPULE B 4 × 150MW 电站脱硫系统工程
Desulfurization system of Moropule B 4 × 150MW power plant project, Botswana

供热工程主要案例（市政行业热力工程专业丙级）

Heating project cases (Grade C for Municipal Industry Thermal Engineering)

- 21、蒙古 MGALAN 3 × 116MW 供热站
Mongolia MGALAN 3 × 116MW heating station project
- 22、黑河热电厂 2 × 116MW 供热站
Heihe 2 × 116MW heating station project
- 23、绥化中盟热电联产工程供热站
Zhongmeng Suihua 4 × 116MW heating station project

- 24、嫩江热电 $1 \times 116\text{MW}$ 供热站
Nenjiang $1 \times 116\text{MW}$ heating station project
- 25、轩辕集团 $2 \times 116\text{MW}$ 供热站
Xuanyuan group $2 \times 116\text{MW}$ heating station project
- 26、红光生物质污泥 $1 \times 29\text{MW}$ 供热站
Hongguang biomass sludge $1 \times 29\text{MW}$ heating station project
- 27、牡丹江第二电厂热网工程
Thermal Network of Mudanjiang No.2 Power Plant project
- 28、黑河热网工程及远距离蒸汽管道工程
Heihe Heating Network Project and Long Distance Steam Pipeline

送电变电工程设计主要案例（电力行业变电工程、送电工程专业丙级）

Power transmission and transformation design cases (Grade C qualification for Power industry substation engineering, power transmission engineering)

- 29、埃塞俄比亚汤普工业园 132/33/15kV 变电站
GEORGE SHOE ETHIOPIA 132/33/15kV substation project
- 30、河北省尚义 100MW 光伏项目 220kV 升压站
Hebei Shangyi 100MW Photovoltaic project and 220kV substation project

主要案例 Major Cases



菲律宾 CALACA $2 \times 150\text{MW}$ 电站工程
Philippine CALACA $2 \times 150\text{MW}$ power plant project



马达加斯加 Ambatovy $3 \times 235\text{t/h}$ 电站锅炉岛工程
Madagascar Ambatovy $3 \times 235\text{t/h}$ boiler island project



土耳其 ODAS 联合循环余热发电工程
Turkey ODAS combined cycle power plant project



印度文达特 $3 \times 30\text{MW}$ 电站工程
India Vedanta $3 \times 30\text{MW}$ power plant project



绥化中盟 $4 \times 130\text{t/h} + 1 \times 30\text{MW} + 2 \times 25\text{MW}$ 电站工程
Zhongmeng Suihua $4 \times 130\text{t/h} + 1 \times 30\text{MW} + 2 \times 25\text{MW}$ thermal power plant project



黑河热电厂新建 $2 \times 220\text{t/h}$ 锅炉岛工程
Heihe $2 \times 220\text{t/h}$ thermal plant boiler island project



嫩江热电 $3 \times 15\text{MW}$ 电站工程
Nenjiang $3 \times 15\text{MW}$ thermal plant project



阿塞拜疆 TPP $7 \times 300\text{MW}$ 电站大修工程
Azerbaijan TPP $7 \times 300\text{MW}$ overhaul project



叙利亚 MEHARDEH $2 \times 150\text{MW}$ 电站大修工程
Syria MEHARDEH $2 \times 150\text{MW}$ power plant rehabilitation project



中国一汽动能分公司 $5 \times 130\text{t/h}$ 锅炉脱硝改造工程
China FAW Kinetic Energy Branch $5 \times 130\text{t/h}$ boiler denitrification renovation project



博茨瓦纳 MOROPULE B $4 \times 150\text{MW}$ 电站脱硫系统工程
Desulfurization system of Moropule B $4 \times 150\text{MW}$ power plant project, Botswana



蒙古 MGALAN $3 \times 116\text{MW}$ 供热站
Mongolia MGALAN $3 \times 116\text{MW}$ heating station project



黑河热电厂 $2 \times 116\text{MW}$ 供热站
Heihe $2 \times 116\text{MW}$ heating station project



埃塞俄比亚汤普工业园 $132/33/15\text{kV}$ 变电站
GEORGE SHOLE ETHIOPIA $132/33/15\text{kV}$ substation project



河北省尚义 100MW 光伏项目 220kV 升压站
Hebei Shangyi 100MW Photovoltaic project and 220kV substation project

天津电气科学研究院有限公司

Tianjin Research Institute of Electric Science Co., Ltd.

公司名称：天津电气科学研究院有限公司
Company Name: Tianjin Research Institute of Electric Science Co., Ltd.

天津电气科学研究院有限公司（简称“天津电气院”）是原国家机械工业部直属研究所，现为中国机械工业集团有限公司所属科技型企业，主要从事电气传动自动化系统工程、中小型水力发电设备成套、低压电控配电装置和新能源电控设备的科研开发、生产制造和检测认证。自1954年8月成立以来，在所从事的专业领域取得了数百项科技成果，承接了数千项国内外工程项目，为国家相关行业的技术发展做出了历史性贡献。

2012年9月完成公司制改制后，在新的治理结构下，本着整合资源、统筹发展、转变模式、转型升级的原则，整合经营业务，形成科技产业、科技研发、科技服务经营板块，并提升职能管控水平，以加强整体竞争能力，促进企业规模发展。

科技产业：具有大型工程承包和设备成套的技术能力和丰富经验，为重型装备、能源电力、智能电气、节能环保和船舶海工等相关行业提供全方位的解决方案，并以技术先进、性能可靠在国内外客户中赢得了广泛的赞誉。

科技研发：借助电气传动国家工程研究中心、国家能源中小水电设备重点实验室、天津市配电自动化工程技术研究中心，致力于所从事行业应用技术的研发和产业化的成果。

科技服务：以全国低压成套开关设备和控制设备标准化技术委员会、全国变频调速设备标准化技术委员会、全国水轮机标准化技术委员会控制设备分标委会、能源行业小水电机组标准化技术委员会、中国电工技术学会电控系统与装置委员会、中国自动化学会电气自动化委员会以及中国电器工业协会电控配电分会、水电设备分会及变频器分会等社会公益性组织为依托，以国家电控配电设备质量监督检验中心、机械工业中小型水力发电设备质检中心、国家级科技企业孵化器和天津市电气节能产业孵化器为平台，服务行业技术进步。

Tianjin Research Institute of Electric Science Co., Ltd.(TRIED) was an institute directly under the former Ministry of Machine Building, now is a science and technology enterprise owned by China National Machinery Industry Corporation, mainly going into the R & D, manufacture and certification of electric drive & automation system engineering, LV electric control & distribution device, medium & small size hydropower complete equipment, and new energy electric control installation. Since established in August 1954, TRIED has made hundreds of science and technology achievements in the engaged industries, undertaken the thousands of engineering projects home and abroad, and achieved outstanding contributions to national technology improvement and development in mentioned industries.

In September 2012, TRIED completed the reformation of modernization corporation. Under the new governance structure, TRIED integrates the businesses and forms business fields of industry, R & D and service. Based on the principle of resource integration, development coordination, mode

change, transformation and promotion, TRIED strengthens the management and control to promote overall competitiveness and advance scale development.

Industry: With the rich experience and technical capability of large-scale project construction and equipment complete sets, TRIED supplies comprehensive solutions for related industries, such as duty industrial equipment, energy & electricity, intelligent electric, marine & ocean engineering, energy conservation & environment protection etc., and enjoys high client reputation home and abroad owing to its advanced technology and reliable quality.

R & D: With the platforms of National Engineering Research Center of Electric Drive, National Energy Key Laboratory of Small and Medium Sized Hydropower Equipment, Tianjin Distribution Automation Engineering Technology Research Center, TRIED devotes to the research, development and industrialization of engaged industries and wins remarkable results.

Service: With National Technical Committee for Standardization of LV Switchgear and Control Equipment, National Technical Committee for Standardization of Variable Frequency Speed Regulation Equipment, Control Equipment Branch, National Technical Committee for Standardization of Hydraulic Turbine, Technical Committee for Standardization of Energy Industry of Small Hydropower Units, Electric Control System and Device Professional Committee, China Electro technical Society, Electric Automation Professional Committee, China Automation Society, and Electric Control and Distribution Equipment Branch, Hydro Power Equipment Branch and Converter Branch, China

Electrical Equipment Industry Association etc. non-profit organizations, by means of National Quality Supervision & Test Center of Electric Control & Distribution Equipment, Machine Building Quality Supervision & Test Center of Medium-and-Small Size Hydropower Equipment, National Incubator of Science and Technology Enterprise and Tianjin Incubator of Electric Energy Conservation Industry etc. Incubator, TRIED serves the industry technology progress.

联系人及联系方式

Contact Person and Information

联系人：王春武
联系电话：022-24981806

Contact: Wang Chunwu
Phone:022-24981806

资质证书 Qualification certificate



资质认定证书 No. 160008220361
Qualification Certificate No. 160008220361



资质认定证书 No. 160008220866
Qualification Certificate No. 160008220866



授权证书 No. (2019) 国任监认字 (089)
Certificate of Authority No. (2019) 国任监认字 (089)



实验室认可证书 No. CNAS L4463
Laboratory Accreditation Certificate No. CNAS L4463



CB 实验室认可证书 No. TL564
 CB Laboratory Accreditation Certificate No. TL564



STA 实验室认可证书 No. 2013-RTL-L4-60
 ASTA Laboratory Accreditation Certificate No. 2013-RTL-L4-60

资质证书

Qualification certificate

- 1、资质认定证书 No.160008220361
 Qualification Certificate No.160008220361
- 2、资质认定证书 No.160008220866
 Qualification Certificate No.160008220866
- 3、授权证书 No. (2019) 国任监认字 (089)
 Certificate of Authority No. (2019) 国任监认字 (089)
- 4、实验室认可证书 No. CNAS L4463
 Laboratory Accreditation Certificate No. CNAS L4463
- 5、CB 实验室认可证书 No. TL564
 CB Laboratory Accreditation Certificate No. TL564
- 6、ASTA 实验室认可证书 No. 2013-RTL-L4-60
 ASTA Laboratory Accreditation Certificate No. 2013-RTL-L4-60

主要业绩

Major Achievements

- | | |
|---|---|
| 1、国家电控配电设备质量监督检验中心外景
National Quality Supervision & Test Center of Electric Control & Distribution Equipment outdoor scene | 8、900kVA 无功及谐波发生源试验系统
900kVA reactive power and harmonic source system |
| 2、746MVA 短路试验控制室
746MVA short circuit control test room | 9、网络监控温升试验系统
Temperature rise test system |
| 3、2MW 高压变频实验室
2MW high voltage converter laboratory | 10、西门子 开关柜一般检查现场
The switchgear assembly inspection spot of Siemens |
| 4、EMC 电磁兼容暗室 (EMC lab)
EMC electromagnetic compatibility laboratory | 11、施耐德 开关柜试验现场 1
The switchgear assembly test spot 1 of Schneider |
| 5、防尘试验
Dust test IP5X; IP6X | 12、施耐德 开关柜试验现场 2
The switchgear assembly test spot 2 of Schneider |
| 6、振动试验台
Vibration test equipment | 13、施耐德 开关柜试验现场 3
The switchgear assembly test spot 3 of Schneider |
| 7、雷电冲击试验系统
Lightening impulse test system | 14、三源电力 箱式变电站试验现场
The box type transformer test spot of Sanyuan Electric Power |

主要案例

Major Cases



国家电控配电设备质量监督检验中心外景
National Quality Supervision & Test Center of Electric Control & Distribution Equipment outdoor scene



马达加斯加 Ambatovy 3 × 235t/h 电站锅炉岛工程
Madagascar Ambatovy 3×235t/h boiler island project



2MW 高压变频实验室
2MW high voltage converter laboratory



EMC 电磁兼容暗室 (EMC lab)
EMC electromagnetic compatibility laboratory



振动试验台
Vibration test equipment



防尘试验
Dust test IP5X; IP6X



雷电冲击试验系统
Lightening impulse test system



900kVA 无功及谐波发生源试验系统
900kVA reactive power and harmonic source system



网络监控温升试验系统
Temperature rise test system



塑壳断路器脱扣特性测试台
Molded-case circuit-breaker tripping test bench



低压变频式试验机组
Test motor group for low-voltage adjustable frequency converter



水电产品实验室
Hydropower Product Laboratory



施耐德 开关柜试验现场 1
The switchgear assembly test spot 1 of Schneider



施耐德 开关柜试验现场 2
The switchgear assembly test spot 2 of Schneider

中国中元国际工程有限公司

China ippr international engineering co.,ltd

公司名称：中国中元国际工程有限公司

Company Name: China ippr international engineering co.,ltd

中国中元国际工程有限公司是集工程咨询、工程设计、工程总承包、项目管理、设备成套、装备制造和技工贸为一体的大型工程公司。

公司具有工程设计综合资质甲级、建筑工程施工总承包壹级、专业承包壹级（电子与智能化工程、建筑装修装饰工程、消防设施工程、建筑机电安装工程）及对外承包工程资格证书及其相关资质，可以承接全行业、各等级的工程设计业务和从事工程设计资质标准划分的建筑、机械、医药、船舶、兵器、市政、商业、化工、能源、建材、轻工等 21 个行业的工程总承包、项目管理等业务及境外工程承包等业务；承接建筑工程施工总承包壹级资质范围内的施工总承包、工程总承包和项目管理业务。

公司具有城乡规划编制、工程监理、工程咨询、工程造价咨询甲级资质；具有压力管道设计资格；具有独立的进出口经营贸易权、对外经济合作资格证书、进出口企业资格证书、自理报关单位注册登记证书、工程招标代理机构资质证书、施工图设计文件审查许可证及建筑装饰工程设计施工资质证书；公司具有市政行业（载人索道）工程甲级设计资质证书、工程咨询单位（索道工程）、工程咨询单位（索道工程）项目管理和索道工程评估咨询资格证书。

公司现拥有各类人员 3000 余人，其中享受国务院政府特殊津贴人员 30 人，国机集团首席专家 2 人，各学科博士、硕士等 750 余人，高级工程师以上人员 760 余人。公司的组织机构设置有 13 个直属生产单位，3 个技术支撑部门，10 个职能管理部门，在北京、海南、厦门、上海、长春、南京设有 10 个二级法人单位，在广东、安徽、青海、四川、浙江、深圳、西安等地设有分公司。因境外业务发展的需要，公司先后设立了驻乌兹别克斯坦、柬埔寨、多米尼加、古巴等境外办事处。

公司秉承“质量是生命，精心设计、创优工程、诚信服务，保护环境、珍爱生命，是我们对顾客、社会、员工始终不渝的承诺”的管理方针，质量、环境、职业健康安全管理

China IPPR International Engineering Co., Ltd. is a large-scale engineering company that integrates engineering consulting, engineering design, EPC (short for Engineering, Procurement, and Construction), project management, complete equipment sets, equipment manufacturing, and development of technology, industry, and trade.

The company has obtained class-A engineering design integrated qualifications, class-I general contracting qualifications for architectural engineering construction, class-I specialized contracting qualifications (for electronic and intelligent engineering, architectural decoration engineering, fire protection facility engineering, and construction electromechanical installation engineering), and the foreign project contracting qualification certificate and relevant qualifications. The company is capable of undertaking engineering design tasks in all industries and at all levels. It can also undertake EPC, project management, and overseas project contracting tasks in 21 industries that are classified based on engineering design qualification standards, covering construction, machinery, medicine, shipbuilding, weapons, municipal engineering, commerce, chemical engineering, energy, building materials, the light industry, and other industries. Moreover, the company can undertake general contracting tasks for construction and engineering, as well as project management tasks within the scope of class-I general contracting qualifications for architectural engineering construction.

The company has also possessed class-A qualifications for urban and rural planning formulation, engineering supervision, engineering consulting, and engineering cost consulting; qualifications for pressure pipeline design; independent rights to engage in import and export business and trade; a series of certificates, including the foreign economic cooperation qualification certificate, import and export enterprise qualification certificate, customs self-declaration unit registration certificate, engineering bidding agency qualification certificate, construction drawing and design document review license, and qualification certificate for architectural decoration engineering design and construction. In addition, the company has been granted the class-A design qualification certificate for municipal engineering (cableways for transporting people), as well as qualification certificates for the engineering consulting unit (cableway engineering), engineering consulting unit (cableway engineering) project management, and cableway engineering assessment and consulting.

At present, the company has more than 3000 employees, including 30 employees receiving special government allowances of the state council, two chief experts of Sinomach, 750 doctors and masters of

体系健全，数十年来一直跻身于全国勘察设计综合实力、工程承包和项目管理百强单位的行列。

various disciplines, and 760 employees having higher-than-senior engineer title. The organizational structure of the company includes 13 directly affiliated production units, three technical support departments, and 10 functional management departments. The company has established 10 secondary legal entities in Beijing, Hainan, Xiamen, Shanghai, Changchun, and Nanjing; branches in cities such as Guangdong, Anhui, Qinghai, Sichuan, Zhejiang, Shenzhen, Xian. For operating business abroad, the company has set up offices in Uzbekistan, Cambodia, Dominica, Cuba and other overseas countries. Adhering to managerial principles of "making unswerving commitments to customers, the society, and employees to treat quality as life; pursue meticulous design, excellence engineering, and integrity-oriented services; protect the environment and cherish life," the company has constructed a complete system for quality, environment, and occupational health and safety. For decades, the company has ranked among the top 100 units of comprehensive strength in prospective design, engineering contracting, and project management in China.

联系人及联系方式

Contact Person and Information

联系人：张红建

联系电话：13683298123

联系地址：北京市海淀区西三环北路 5 号

Contact: Zhang Hong jian

Phone:13683298123

主要业绩

Major Achievements

一、工程设计综合资质甲级部分

Project

1. 商业建筑:

1) 凯德 MALL
Capitaland Mall

2) 郑州万象城
Zhengzhou MIXC

2. 酒店建筑:

1) 诺金酒店
NUO Hotel

3. 文化教育:

1) 傣秀剧场
The Dai Show

2) 神农大剧院
Shennong Arts Center

3) 北京大学新生命科学大楼
New Life Science Building, Peking University

4) 中国移动学院
China Mobile College

4. 体育交通建筑:

1) 援柬埔寨国家体育场
Morodok Techo National Stadium in the Kingdom of Cambodia

2) 泸州机场
Luzhou Airport

5. 会展建筑:

1) 东北亚(长春)国际机械城会展中心
Northeast Asia (Changchun) International Machinery City Exhibition Center

6. 养老建筑:

1) 深圳市社会福利救助综合服务中心项目
Shenzhen Social Welfare Rescue Comprehensive Service Center

2) 武汉市社会福利综合大楼
Wuhan Social Welfare Complex Building

7. 物流系统工程:

1) 北京新机场南航基地航空食品设施项目
In-flight Catering Facilities Project of China Southern Airlines Base In Beijing Daxing International Airport

2) 天津航空口岸大通关基地项目
Customs Clearance Base Construction Project of Tianjin Airport

3) 新华联合物流中心
Xinhua United Logistics Center

4) 北京新机场货运区工程
Project of freight area in Beijing New Airport

5) 喀什综合保税区启动区工程
Project of starting area within Kashgar comprehensive Bonded Zone

二、城乡规划编制甲级资质部分

1. 中国 - 白俄罗斯工业园区总体规划及可行性研究
Master planning and Feasibility Study of China-Belarus Industrial Park

2. 中国-白俄罗斯商贸物流园详细规划设计
Detailed Planning and Design of China-Belarus Business Logistics Park

3. 刚果共和国黑角经济特区可行性研究和总体规划及详细规划设计
Feasibility Study, Master planning and Detailed Planning and design of Pointe-Noire Special Economic Zone in Republic of Congo

4. 蒙古国家畜牧科技产业园战略规划
Strategic planning of Mongolia National Animal Husbandry Science and Technology Industrial Park

5. 古巴拉圭那旅游度假区规划设计
Tourism Resort Planning and Design of La Güira, Cuba

6. 长春新区通用航空产业园总体规划、可研及产业规划

- Master Planning, Feasibility Study and Industrial Planning of Changchun New Area General Industrial Park
7. 天津航空口岸大通关基地项目
Tianjin Air Port Customs Clearance Project
8. 厦门软件园规划设计及重点片区建筑概念方案设计
Planning and Design of Software Park in Xiamen and Conceptual Design of Architecture in Key Area
9. 中关村国家自主创新示范区核心区功能聚集带城市规划研究
Urban Planning Study of the Core Area Functional Aggregation Zone in Zhongguancun National Innovation Demonstration Zone
10. 北京中关村软件园一期及二期规划设计
Phase I and Phase II Planning and Design of Zhongguancun Software Park in Beijing
11. 贵安新区高端装备园区产业规划、城市设计及控制性详细规划
Industrial Planning, Regulatory Detailed Planning and Urban Design for High-end Equipment Industrial Park in Gui'an New Area
12. 贵州云谷（贵州大数据产业园）发展规划及产业研究
Development Planning and Industrial Study of Yun'gu in Guizhou (Big Data Industrial Park in Guizhou)
13. 北京城市基调与多样性规划研究
Urban Tone and Diversity Planning Research of Beijing
14. 北京天桥演艺区区域规划
Regional Planning of Tianqiao Performing Area in Beijing
15. 大什刹海地区保护、整治、复兴战略规划
Strategic Planning of Shichahai Regional Protection, Renovation and Rejuvenation
16. 贵阳市医疗健康城概念性规划
Conceptual Planning of Medical and Health City in Guiyang
17. 香河养老健康微中心规划设计
Planning and Design of Micro-Center for Elderly Care and Health in Xianghe
- 三、工程咨询单位甲级资质部分
1. 国家文献战略储备库建设工程可行性研究报告
Feasibility Study of National Literature Strategic Reserve Project
2. 综合极端条件实验装置可行性研究报告
Feasibility Study of Synergetic Extreme Condition User Facility
3. 刚果共和国黑角经济特区一期工程可行性研究
Feasibility Study of the First Phase of the Pointe Noire Special Economic Zone in the Republic of Congo

主要案例
Major Cases



凯德 MALL
Capitaland Mall



郑州万象城
Zhengzhou MIXC



诺金酒店
NUO Hotel



傣秀剧场
The Dai Show



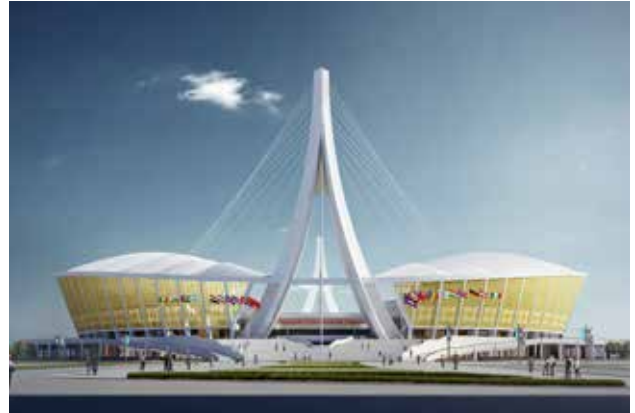
神农大剧院
Shennong Arts Center



北京大学新生命科学大楼
New Life Science Building, Peking University



中国移动学院
China Mobile College



援柬埔寨国家体育场
Morodok Techo National Stadium in the Kingdom of Cambodia



泸州机场
Luzhou Airport



东北亚（长春）国际机械城会展中心
Northeast Asia (Changchun) International Machinery City Exhibition Center



深圳市社会福利救助综合服务中心项目
Shenzhen Social Welfare Rescue Comprehensive Service Center Project



武汉市社会福利综合大楼
Wuhan Social Welfare Complex Building



北京新机场南航基地航空食品设施项目
In-flight Catering Facilities Project of China Southern Airlines Base In Beijing Daxing International Airport



天津航空口岸大通关基地项目
Customs Clearance Base Construction Project of Tianjin Airport



新华联合物流中心
Xinhua United Logistics Center



北京新机场货运区工程
Project of freight arear in Beijing New Airport



喀什综合保税区启动区工程
Project of starting area within Kashgar comprehensive Bonded Zone



中国 - 白俄罗斯工业园区总体规划及可行性研究
Master planning and Feasibility Study of China-Belarus Industrial Park



中国—白俄罗斯商贸物流园详细规划设计
Detailed Planning and Design of China-Belarus Business Logistics Park



刚果共和国黑角经济特区可行性研究和总体规划及详细规划设计
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蒙古国家畜牧科技产业园战略规划
Strategic planning of Mongolia National Animal Husbandry Science and Technology Industrial Park



古巴拉圭那旅游度假区规划设计
Tourism Resort Planning and Design of La Güira, Cuba



长春新区通用航空产业园总体规划、可研及产业规划
Master Planning, Feasibility Study and Industrial Planning of Changchun New Area General Industrial Park



天津航空口岸大通关基地项目
Tianjin Air Port Customs Clearance Project



厦门软件园规划设计及重点片区建筑概念方案设计
Planning and Design of Software Park in Xiamen and Conceptual Design of Architecture in Key Area



中关村国家自主创新示范区核心区功能聚集带城市规划研究
Urban Planning Study of the Core Area Functional Aggregation Zone in Zhongguancun National Innovation Demonstration Zone



北京中关村软件园一期及二期规划设计
Phase I and Phase II Planning and Design of Zhongguancun Software Park in Beijing



贵安新区高端装备园区产业规划、城市设计及控制性详细规划
Industrial Planning, Regulatory Detailed Planning and Urban Design for High-end Equipment Industrial Park in Gui'an New Area





贵州云谷（贵州大数据产业园）发展规划及产业研究
Development Planning and Industrial Study of Yun'gu in Guizhou (Big Data Industrial Park in Guizhou)



北京城市基调与多样性规划研究
Urban Tone and Diversity Planning Research of Beijing



北京天桥演艺区区域规划
Regional Planning of Tianqiao Performing Area in Beijing



大什刹海地区保护、整治、复兴战略规划
Strategic Planning of Shichahai Regional Protection, Renovation and Rejuvenation



贵阳市医疗健康城概念性规划
Conceptual Planning of Medical and Health City in Guiyang



香河养老健康微中心规划设计
Planning and Design of Micro-Center for Elderly Care and Health in Xianghe



国家文献战略储备库建设工程可行性研究报告
Feasibility Study of National Literature Strategic Reserve Project



综合极端条件实验装置可行性研究报告
Feasibility Study of Synergetic Extreme Condition User Facility



刚果共和国黑角经济特区一期工程可行性研究
Feasibility Study of the First Phase of the Pointe Noire Special Economic Zone in the Republic of Congo

北京起重运输机械设计研究院有限公司

Beijing Materials Handling Research Institute Co.,Ltd(BMHRI)

公司名称：北京起重运输机械设计研究院有限公司
Company Name: Beijing Materials Handling Research Institute Co.,Ltd(BMHRI)

北京起重运输机械设计研究院有限公司，成立于1958年，经过半个多世纪的发展，由原机械工业部直属的国家起重运输机械行业技术归口研究所发展成为集科研开发、工程承包、设备成套、设计制造、检验检测、监理服务为一体的国有科技型企业，隶属于世界500强企业中国机械工业集团有限公司所属中国中元国际工程有限公司。

我司现有职工近600人。具有国内唯一的索道工程设计甲级资质，索道前期咨询、项目管理咨询资质，客运索道、起重机械、厂内机动车辆三类特种设备检验检测资质，ISO9001、14001、18001体系认证证书。

我司具有客运索道、自动化物流仓储、起重机械、散料运输等四大工程业务板块，承包建设的各类工程近2000项，获得300余项国家及省部级科技成果奖。并提供液力液压产品与系统和设备监理监造服务。是我国起重运输机械行业综合技术实力最强的企业之一。

我司承担国际标准化组织起重机技术委员会（ISO/TC96）、工业车辆可持续性分技术委员会（ISO/TC110/SC5）主席工作，拥有机械工业物料搬运工程技术研究中心、北京市自动化物流装备工程技术研究中心、机械工业起重机械轻量化重点实验室。设有国家起重运输机械质量监督检验中心、国家客运架空索道安全监督检验中心、国家安全生产北京矿用起重运输设备检测检验中心等三个国家级检验中心，主办《起重运输机械》行业核心学术期刊。

全国起重机械、连续搬运机械、物流仓储设备、工业车辆及全国起重机械标委会的桥式和门式起重机分技术委员会、停车设备分技术委员会六个标准化技术委员会秘书处，中国索道协会、中国机械工程学会物流工程分会、中国工程机械工业协会工业车辆分会、中国重型机械工业协会物流与仓储机械分会、中国重型机械工业协会桥式起重机专业委员会五个国家行业协会、学会秘书处设在我司，为我国物料搬运机械行业的技术进步发挥着重要作用。

在新的发展时期，我司将继续坚持核心技术的创新与研发，与客户一同实现“搬动世界，传递真情”的北起梦。

Beijing Materials Handling Research Institute Co.,Ltd(BMHRI) was established in 1958, it was originally the research institute which undertook the technical management in materials handling industry in China, and was directly under the former Ministry of Machine Building Industry. With the development for more than half a century, BMHRI is now a state-owned technological corporation which has comprehensive business range, including research and development, project contracting, equipments, design and manufacture, inspection and supervision. BMHRI is also a member of IPPR subordinated of China National Machinery Industry Corporation (SINOMACH) which is among the world's top 500 enterprises.

BMHRI has nearly 600 employees now. BMHRI has three kinds of special equipment inspection and testing qualification certificate of the ropeway design Class A which is the only one in China, preliminary consultation for ropeway, consulting for project management, passenger ropeway, hoisting machinery, vehicles used within specific sites and area and also has ISO9001 certificate, ISO14001 certificate, ISO18001 certificate.

BMHRI has four main engineering business fields including passenger ropeway, automatic logistics and warehousing, lifting machinery, and bulk solids handling, and has constructed nearly 2000 various types of projects, and has been rewarded more than 300 national and provincial and ministerial-level scientific and technological achievement awards. Meanwhile, BMHRI also provides hydrodynamic & hydraulic product and system and equipment supervision service. BMHRI is one of the enterprises with the strongest comprehensive technical strength in materials handling industry in China.

BMHRI undertakes the work of the chairman of ISO/TC96, ISO/TC110/SC5, and has two technology research centers which are Materials Handling Engineering Technology Research Center in Machinery Industry and Beijing Automatic Logistics Equipment Engineering Technology Research Center as well as Mechanical Industry Hoisting Machinery Lightweight Technology Key Laboratory. Three state-level inspection centers are set in BMHRI, which are China Hoisting, Conveying Equipment Quality Supervision and Inspection Center, China Passenger Ropeway Safety Supervision and Inspection Center, and China Safe Production Beijing Mining Hoisting, Conveying Machinery Inspection and Testing Center, meanwhile, "Hoisting and Conveying Machinery" journal which is a industrial core academic journal is managed by BMHRI.

Six secretariats of national standardization technical committee on lifting machinery, continuous handling machinery, logistics & warehousing equipment, industrial truck, bridge and gantry cranes

and parking system, and five secretariats of national industrial associations including China Ropeway Association, Logistics Engineering Institution of CMES, Industrial Truck Institution of CCMA, Logistics & Warehousing Institution of CHMIA and CEOTCC of CHMIA are set in BMHRI. They play an important role in the technical development of Chinese materials handling industry.

In the new period of development, BMHRI will keep on innovation and development of its core technology, and to achieve the dream of BMHRI - "Move the World, Transfer the Truth" together with our customers.

联系人及联系方式 Contact Person and Information

联系人：孙蕊

联系电话：010-64035255

传真：010-64052584

Contact: Sun Rui

Phone: 010-64035255

Fax: 010-64052584

资质证书 Qualification certificate



工程咨询单位资格证书—乙级
Engineering consulting unit qualification certificate Class B



工程咨询单位资格证书—丙级
Engineering consulting unit qualification certificate Class C



高新技术企业证书
High-tech enterprise certificate



中关村高新技术企业证书
Zhong Guan Cun high-tech enterprise certificate



工程设计资质证书甲级
Engineering design class-A certificate

主要业绩

Major Achievements

1、索道板块

1.1 青岛世园会脱挂索道

Qingdao International Horticultural Expo detachable ropeway

1.2 山西石膏山客运索道

Shan Xi Shi Gao Shan Passenger Ropeway

1.3 梅峰脱挂索道

Mei Feng Detachable Grip Ropeway

1.4 万龙脱挂索道

Wan Long Detachable Grip Ropeway

1.5 响沙湾脱挂索道

Xiang Sha Wan Detachable Grip Ropeway

1.6 浙江神仙居客运索道

Zhe Jiang Shen Xian Ju Passenger Ropeway

1.7 篁岭脱挂索道

HuangLing Detachable Grip Ropeway

1.8 国家体育场（鸟巢）顶部威亚承载钢索系统

Wire bearing steel cable system on the top of National Stadium (Bird's Nest)

2、仓储板块

2.1 江阴天江药业自动化立体仓库工程

Tianjiang Pharmaceutical Co., Ltd. automatic palletizing and high-rise warehouse

2.2 宁波市嘉乐电器有限公司新工厂物流系统项目

Ningbo Jiale new factory automatic logistics distribution center

2.3 长春一汽国际物流有限公司二厂总装 1350 立体库项目

Changchun FAW Volkswagen NO.2 factory automatic logistics distribution center

2.4 安徽口子酒业股份有限公司自动化立体仓库系统

Anhui Kouzi Wine Industry automatic high-rise warehouse

2.5 杰牌传动智能工厂智能仓储物流系统项目

JIE DRIVE automatic high-rise warehouse

2.6 四川长虹多媒体河边工业园原物料物流系统

Sichuan Changhong Hebian Industrial Park automatic logistics distribution center

2.7 厦门宏发电力电器有限公司海沧厂房智能物流系统项目

Xiamen Hongfa Haicang factory automatic logistics distribution center

2.8 石药集团欧意药业自动化物流配送中心

CSPC automatic automatic logistics distribution center

2.9 美的磁控管新工厂物流系统总集成项目

Midea new factory automatic high-rise warehouse

2.10 上汽国际立体自动化仓库系统

CAIC Motor automatic high-rise warehouse

2.11 SEW-电机（苏州）有限公司自动化立体仓库

SEW automatic high-rise warehouse

3、起重板块

3.1 埃塞俄比亚莱比垃圾发电项目—高级半自动垃圾抓斗起重机（非洲首座）

Waste-to-Energy Project in Ethiopia—High Level Semi-auto bridge crane (Africa's first)

3.2 巴基斯坦生物质发电项目—全自动抓斗起重机

Pakistan Bio Power Project—Fully automatic crane

3.3 德阳市生活垃圾焚烧发电项目—高级半自动垃圾抓斗起重机（全进口配置）

Waste-to-Energy Project in Deyang, China—High Level Semi-auto bridge crane

3.4 国能浚县生物发电项目—秸秆捆抓斗桥式起重机

GuonengXunxian Bio Power Project—Straw bale grab bridge crane

3.5 华新环境工程有限公司赤壁分公司（水泥窑协同处理）

Huaxin Environmental Engineering Co., Ltd. Chibi Branch (Co-processing in cement kilns)

3.6 华新水泥崇德联合储库—全自动抓斗起重机（4台同轨）

Huaxin Cement Chongde Joint Repository—Fully automatic crane (parallel arrangement of 4 garbage handling crane)

3.7 宜宾市生活垃圾焚烧发电项目—灰渣抓斗起重机
Waste-to-Energy Project in Yibin, China—Slag crane

3.8 粤丰环保集团横沥项目—高级半自动控制垃圾抓斗起重机（3 台同轨）
Waste-to-Energy Project in Hengli Dongguan, China—High Level Semi-auto bridge crane (parallel arrangement of 3 garbage handling crane)

3.9 粤丰环保集团横沥项目—汽机房电动双梁吊钩桥式起重机
Waste-to-Energy Project in Hengli Dongguan, China—Turbine Room Crane

3.10 中电行唐生物质能热电工程—全自动散秸秆抓斗起重机
Zhongdian Xingtang Bio Power Project—Fully automatic crane

4、散料板块

4.1 首钢水厂铁矿半连续排岩系统
Semi-continuous rock burden spreading system in Shuichang

4.2 新疆其亚 6.8 公里长距离带式输送系统
Xinjiang Qi Ya 6.8 km long distance belt conveyor system

4.3 华能伊敏煤电有限责任公司煤电二期项目输煤系统及移动式破碎机工程
The second phase coal and electricity expansion project constructed by Huaneng Yimin Coal and Electricity Co., Ltd

4.4 马来西亚金狮钢厂物料输送系统工程
Material Handling Systems Engineering For The Lion Group, Malaysia HDRI Storage Systems

4.5 大庆石化总厂 30 万吨 / 年高浓度复合肥工程
Daqing Petrochemical Complex 300,000 t/y high-analysis compound

4.6 神华气力输送系统
Shenhua Pneumatic conveying system

4.7 舟山中转储备粮库机电成套设备系统
Zhoushan Transference Storage Grain Depot Electrical Equipment System

4.8 圭亚那糖厂 B1400 B2200 气垫式蔗渣输送机
B1400 B2200 Bagasse cushion type conveyor for Guyana Sugar Factory

4.9 HD1000.24 混匀堆料机
HD1000.24 Mix Stacker

4.10 Qt800·30 滚筒式混匀取料机
QT800·30 drum type blending reclaimerr

4.11 埃塞俄比亚瓦尔凯特糖厂 20000 吨精糖筒仓系统
Ethiopian Welkait sugar factory 20000 tons of Sugar Conditioning Plant system

主要案例 Major Cases



青岛世园会脱挂索道
Qingdao International Horticultural Expo detachable ropeway



山西石膏山客运索道
Shan Xi Shi Gao Shan Passenger Ropeway



梅峰脱挂索道
Mei Feng Detachable Grip Ropeway



万龙脱挂索道
Wan Long Detachable Grip Ropeway



响沙湾脱挂索道
Xiang Sha Wan Detachable Grip Ropeway



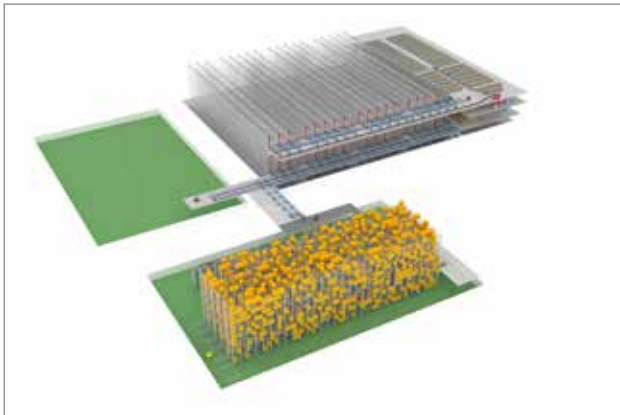
浙江神仙居客运索道
Zhe Jiang Shen Xian Ju Passenger Ropeway



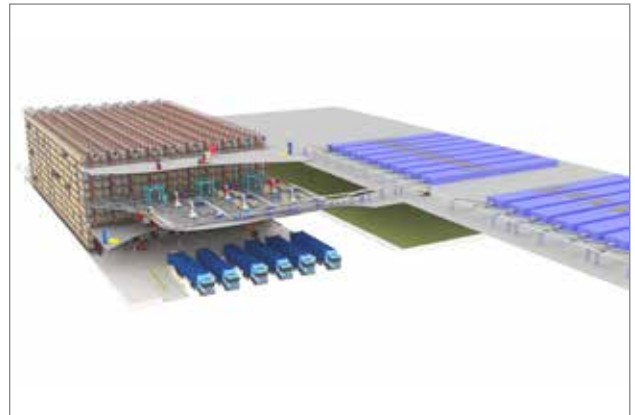
篁岭脱挂索道
HuangLing Detachable Grip Ropeway



国家体育场（鸟巢）顶部威亚承载钢索系统
Wire bearing steel cable system on the top of National Stadium (Bird's Nest)



江阴天江药业自动化立体仓库工程
Tianjiang Pharmaceutical Co., Ltd. automatic palletizing and high-rise warehouse



宁波市嘉乐电器有限公司新工厂物流系统项目
Ningbo Jiale new factory automatic logistics distribution center



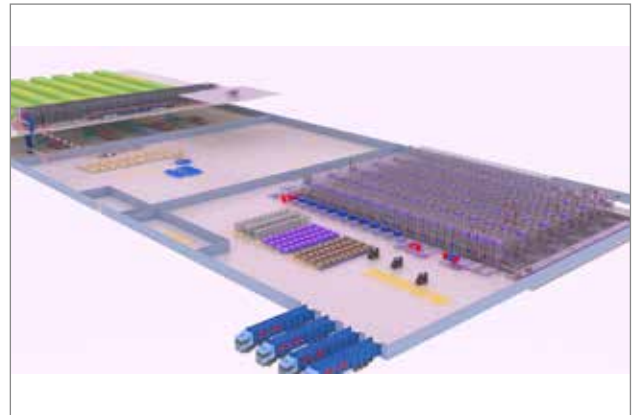
长春一汽国际物流有限公司二厂总装 1350 立体库项目
Changchun FAW Volkswagen NO.2 factory automatic logistics distribution center



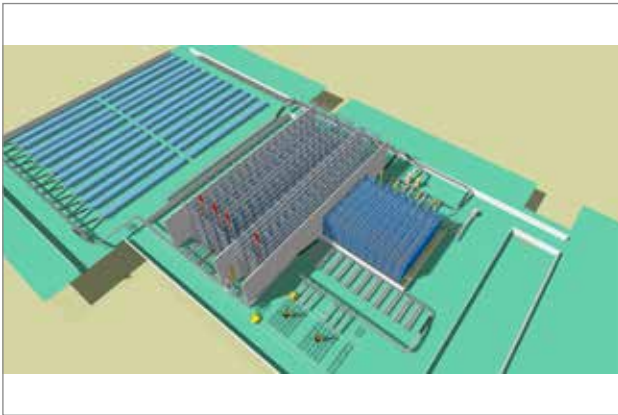
安徽口子酒业股份有限公司自动化立体仓库系统
Anhui Kouzi Wine Industry automatic high-rise warehouse



杰牌传动智能工厂智能仓储物流系统项目
JIE DRIVE automatic high-rise warehouse



四川长虹多媒体河边工业园原物料物流系统
Sichuan Changhong Hebian Industrial Park automatic logistics distribution center



厦门宏发电力电器有限公司海沧厂房智能物流系统项目
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CAIC Motor automatic high-rise warehouse



SEW—电机（苏州）有限公司自动化立体仓库
SEW automatic high-rise warehouse



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Huaxin Environmental Engineering Co., Ltd.Chibi Branch(Co-processing in
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HD1000.24 Mix Stacker



Qt800 · 30 滚筒式混匀取料机
QT800-30 drum type blending reclaimerr

中机建设工程设计研究院青岛分院

Engineering Research and Design Institute of SINOCONST Qingdao Branch

公司名称：中机建设工程设计研究院青岛分院

Company Name: Engineering Research and Design Institute of SINOCONST Qingdao Branch

中国机械工业建设集团有限公司所属中机建设工程设计研究院青岛分院，位于山东省经济中心青岛市，是具有工程设计建筑行业甲级资质的专业院所，可承接国内外各类工业与民用建筑设计、风景园林及景观设计、城市规划设计、人防设计、室内装饰设计等。

设计院成立以来，一直依靠集团公司平台和自身实力，坚持用户至上的原则，充分发挥设计师的才干和集体智慧，竭尽全力满足客户需求，力求每项工程都具有卓越的使用功能、合理的布局、新颖的造型，在设计环节中广泛采用先进技术及新型环保材料，确保项目获得良好的经济效益、环境效益和社会效益。

设计院现有员工 150 余人，全部具有大学本科及以上学历。其中，国家一级注册建筑师 5 人，国家一级注册结构师 5 人，国家一级注册公用设备工程师 6 人，注册造价师 1 人，各类专业设计师 130 余人。设计院技术实力雄厚、专业配套齐全、设计手段先进，企业具有较高的管理水平，并以优秀的设计质量和优质服务赢得社会各界的好评。

SINOCONST Engineering Design Institute, a subsidiary of China Machinery Industry Construction Group Inc., locates in Qingdao City, Shandong Province economic center. It is a professional institute with Grade A qualification in engineering design sector. It can undertake various industrial and civil architectural design, landscape architecture and landscape design, urban planning and design, civil air defense design, interior decoration design, etc., at home and abroad.

Since its establishment, the design institute has always relied on the platform of SINOCONST group company and its own strength, adhere to the principle of customer first, give full play to the talents and collective wisdom of the designers, and do their utmost to meet the needs of customers, and strive to have excellent use functions and reasonable layout, innovative modeling, extensive use of advanced technology and new environmentally friendly materials in the design process for each and every project to ensure good economic, environmental and social benefits.

The design institute has more than 90 employees, all of whom have bachelor degree or above. Among them, there are 4 registered architects at the national level, 5 registered national structural architects, 6 national registered public utility engineers, 1 registered cost engineer, and more than 70 professional designers. The design institute has strong technical strength, complete professional support and advanced design methods. The company has a high management level and has won high praise from its partners for its excellent design quality and excellent service.

联系人及联系方式

Contact Person and Information

联系人：高杰、 卢业茂

联系电话：010- 86474723 0532-80995685

Contact: Gao Jie Lu YeMao

Phone: 010- 86474723 0532-80995685

设计资质 Design Qualification

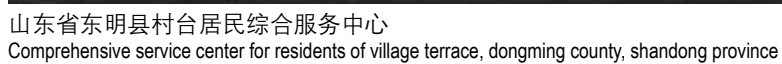
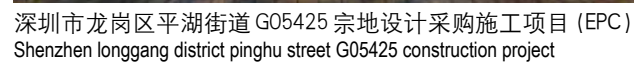
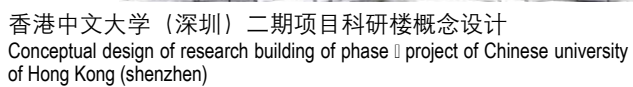
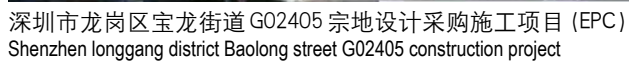


建筑行业甲级资质
Level-A qualification of construction industry

主要业绩 Major Achievements

1. 深圳市龙岗区宝龙街道 G02405 宗地设计采购施工项目 (EPC)
Shenzhen longgang district Baolong street G02405 construction project
2. 深圳市龙岗区平湖街道 G05425 宗地设计采购施工项目 (EPC)
Shenzhen longgang district pinghu street G05425 construction project
3. 山东省东明县村台居民综合服务中心
Comprehensive service center for residents of village terrace, dongming county, shandong province
4. 菏泽市黄河滩区居民迁建安置工程 A 区 (EPC)
Yellow River beach residents resettlement project A, Heze county (EPC)
5. 菏泽市黄河滩区居民迁建安置工程 B 区 (EPC)
Yellow River beach residents resettlement project B, Heze city (EPC)
6. 香港中文大学 (深圳) 二期项目科研楼概念设计
Conceptual design of research building of phase II project of Chinese university of Hong Kong (shenzhen)
7. 山西临汾师范学院
Linfen normal university, Shanxi Province
8. 贝宁 SAKETE 国家大学城
SAKETE national university town, Benin

主要案例 Major Cases





菏泽市黄河滩区居民迁建安置工程 A 区 (EPC)
Yellow River beach residents resettlement project A, Heze county (EPC)



菏泽市黄河滩区居民迁建安置工程 B 区 (EPC)
Yellow River beach residents resettlement project B, Heze city (EPC)



山西临汾师范学院
Linfen normal university, Shanxi Province



贝宁 SAKETE 国家大学城
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天津中机建设工程设计有限公司

Tianjin CMIIC Engineering Design Co., Ltd

公司名称：天津中机建设工程设计有限公司

Company Name: Tianjin CMIIC Engineering Design Co., Ltd

中国机械工业建设集团有限公司所属天津中机建设工程设计有限公司前身为天津市天元建筑设计有限公司，成立于1993年。自公司成立以来，已陆续完成写字楼、宾馆、综合商业、医院、学校等公共建筑设计约180万平方米。目前，公司已从原来的单一型承揽建筑设计业务，向着以设计为龙头的项目总承包（EPC）方式发展。公司秉承锐意进取、诚信为本、优质服务、追求卓越的理念，与国际知名设计公司战略合作，在拥有本土化丰富实践经验的同时，更具备国际化视野和专业化运作模式。

公司现有建筑设计甲级和规划设计丙级资质，并通过ISO9000质量认证。是国家及天津市勘察设计协会理事单位、中国房地产开发协会建筑规划设计专业委员会理事单位、天津市滨海新区低碳循环发展战略联盟常务理事单位，获得“天津市建筑规划设计综合实力十强机构”和“全国建筑设计行业诚信单位”等荣誉称号。

公司现有工程设计人员80余人，生产一线设计人员平均年龄35岁。其中方案设计15人，系由博士、硕士学历、高水平的创意团队组成；施工图设计人员50余人，由专家、国家注册建筑师、工程师为领衔，各专业配置齐备的技术人员组成。

Founded in 1993, Tianjin CMIC Engineering Design Co., Ltd's predecessor is Tianjin TianYuan Engineering Design Co., Ltd. Since the company was founded, It has successively completed the design of public buildings, such as office buildings, hotels, comprehensive commercial buildings, hospitals and schools, covering about 1.8 million square meters. Instead of the original single type of contract design business, now our company has changed to design as the leading toward the Engineering Procurement Construction (EPC) mode of development, and has made substantial progress. Adhering to the concept of forging ahead, integrity-based, high-quality service, and the pursuit of excellence, the company has strategic cooperation with internationally renowned design companies.

Our company owns Level-A qualification of architectural design and Level-C qualification of planning design, and Get through the ISO9000 Quality Certification. Our company is National and Tianjin Survey and Design Association unit, China Real Estate Developers Association of Professional Committee of the governing architectural planning and design units, Tianjin Binhai New Area development of low-carbon cycle Strategic Alliance executive director units, and our company had received "the overall strength of Tianjin top ten architectural planning and design agency" and "national architectural design industry integrity unit". Now our company's existing engineering staff more than 80 people, the average age of the designers in the front line is 35. Among them there are 15 project designers, this high-level creative team consists of doctors and masters. 50 construction design staff, led by experts, national registered architects and engineers, and consist of professional technical staff of every specialty.

联系人及联系方式

Contact Person and Information

联系人：张勇 徐金蕾

联系电话：13636800661 18526044266

Contact: Zhang Yong Xu JinMao

Phone: 13636800661 18526044266

设计资质
Design Qualification



建筑行业（建筑工程）甲级资质
Level-A qualification of construction industry (construction engineering)



城市规划编制单位丙级资质
Level-C qualification of urban planning unit

主要业绩

Major Achievements

- | | |
|--|--|
| 1. 梅江南 10 号地天湖园
Tianhu uptown, Meijiang South 10 th district | 16. 天津滨海杨家泊水产科技园
Tianjin Binhai Yangjia lake aquatic product science park |
| 2. 广州华钜君悦酒店（五星级）
Guangzhou Huaju grand hotel(Five Star) | 17. 美居花园
Meiju Park Town |
| 3. 红磡领世郡一期
Hongkan Village first phase | 18. 恒大山水城
Hengda Landscape Villa |
| 4. 重庆市沙坪坝区小龙坎片区改造项目
Chongqing xiaolongkan district reconstruction project | 19. 万科东丽湖李场村 04-08 地块（揽城苑）
Wanke Dongli lake Lichang village 04-08 district(Lancheng Villa) |
| 5. 莫斯科名优商品展览中心
Moscow famous and excellent commodity exhibition center | 20. 维克（天津）有限公司中央空调生产基地
Weike (Tianjin) Co., Ltd. central air-conditional production base |
| 6. 红磡领世郡 Y1 地块（普霖花园）
Hongkan Village Y1 district (Pulin Park Town) | 21. 新筑股份公司新材料产业制造基地
Xinzhu joint-stock company new material industry manufacturing base |
| 7. 沧州阳光国际（高层住宅、眼科医院等）
Cangzhou Sunshine International (High-rise housing,Ophthalmic Hospital) | 22. 大龙商贸城
Dalong shopping mall |
| 8. 红磡领世郡五期普雅花园
Puya Park, Hongkan Village 5 th stage | 23. 中国北方电动自行车城
China Northern electric bicycle mall |
| 9. 天润新苑
Tianrun New Villa | 24. 葛沽镇示范小城镇二期
Gegu Town demonstration town second phase |
| 10. 蓝庭国际 4、6 号地（酒店式公寓等）
Lanting International 4 th and 6 th district (serviced apartment etc) | 25. 江苏鹏翎胶管有限公司新建工程
Jiangsu Pengling rubber tube Co., Ltd new project |
| 11. 石捌区棚户区改造二期建设工程
The construction project of Shiba District shantytowns transformation second phase | 26. 物产置业解放南路项目
Product Property Liberation South Road project |
| 12. 天悦锦城
Tianyue uptown | 27. 鸿儒新园三期
Hongru New Villa third phase |
| 13. 唐山三友大厦
Tangshan Sanyou mansion | 28. 清湖花园（津西解放挂 2013-105 地块）及幼儿园项目
Qinghu Park (Jinxi Jiefanggua 2013-105 district) and kindergarten project |
| 14. 天津泽酷示范基地项目
Tianjin Zeming demonstration base project | 29. 中英金融交流中心
Chinese-English financial exchange center |
| 15. 鸿儒新园二期
Hongru New uptown second phase | |

主要案例 Major Cases



重庆市沙坪坝区小龙坎片区改造项目
Chongqing xiaolongkan district reconstruction project



莫斯科名优商品展览中心
Moscow famous and excellent commodity exhibition center



红磡领世郡一期
Hongkan Village first phase



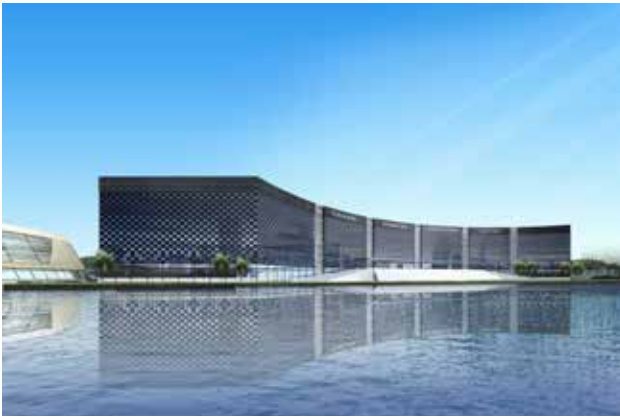
沧州阳光国际（高层住宅、眼科医院等）
Cangzhou Sunshine International (High-rise housing, Ophthalmic Hospital)



广州华钜君悦酒店（五星级）
Guangzhou Huaju grand hotel(Five Star)



锦商科技园
Jinshang science and technology park



天津泽酩示范基地项目
Tianjin Zeming demonstration base project



蓝庭国际 4、6 号地（酒店式公寓等）
Lanting International 4 th and 6 th district (serviced apartment etc)



维克（天津）有限公司中央空调生产基地
Weike (Tianjin) Co., LTD. central air-conditional production base



长芦智美数码有限公司二期扩建项目
Phase II expansion project of changlu zhimei digital co., LTD

中国重型机械研究院股份公司

China National Heavy Machinery Research Institute Co.,Ltd.

公司名称：中国重型机械研究院股份公司
Company Name: China National Heavy Machinery Research Institute Co.,Ltd.

中国重型机械研究院股份公司（西安重型机械研究所）创建于1956年，是我国装备工业最早建立的国家级科研院所之一。2006年在西安重型机械研究所的基础上组建了中国重型机械研究院（简称中国重型院）；2012年改制为中国重型机械研究院股份公司，由中国机械工业集团公司和中国宝钢集团共同持股。具有中国建设部颁发的钢铁、建筑工程咨询甲级资质和工程总承包资质；建筑工程设计甲级资质及冶金行业、市政公用燃气工程设计乙级资质。

经过60多年的发展历程，中国重型机械研究院股份公司现已发展成为一家以钢铁冶炼、连铸、轧制、重型锻压/挤压、环保装备技术和工程总承包为主，机、电、液和基础件、工艺设计配套齐全的大型研发设计科技型企业。

中国重型机械研究院股份公司有一支以中国工程院院士为首的百余人的科技专家和数百人的创新研发团队，200余项中国第一、500多项授权专利在这里诞生；累计为国内外钢铁、有色金属行业用户提供了2000多台（套）技术先进的设备和大型成套装备。产品销往美国、韩国、俄罗斯、印度、越南、土耳其、伊朗、缅甸、墨西哥等国家。

Brief Introduction of Sino-heavymach

Established in 1956 and headquartered in Xi'an, China National Heavy Machinery Research Institute Co., Ltd. (Sino-heavymach for short formerly called Xi'an Heavy Machinery Research Institute) is one of the large-scale, state-owned scientific and technological enterprises in China. Held by China National Machinery Industry Corporation and China Baosteel Group-- two of the global top 500 companies, Sino-heavymach has the grade A qualification of constructional engineering design issued by National Construction Ministry, grade A qualification of steel and iron industry consultation, grade A qualification of building engineering design issued by National Construction Ministry, and grade B qualification of municipal public gas engineering design.

Whit more than fifty years of development, Sino-heavymach owns an innovative team of almost a thousand R&D experts including member of Chinese Academy of Engineering, and is especially proficient at coking, secondary refining equipment, continuous casting equipment, sheet strip foil rolling equipment, finishing and processing equipment for sheet and strip, steel tube and rod finishing equipment, heavy forging and extrusion equipment, environment-protecting and energy-saving equipment, etc.

Having built its reputation home and abroad, Sino-heavymach provides EPC engineering and complete sets of equipment for Baosteel, Ansteel, Shousteel, WISCO, TISCO, TPCO, Pansteel, etc., as well as many overseas steel makers in South Korea, India, America, Russia, Turkey, Iran, Myanmar, Vietnam, etc., and so far has provided more than 2,000 sets of heavy equipment for iron&steel and non-ferrous metal industries in China.

Sino-heavymach has established the platform of interaction and cooperation with world leading steel enterprises; we guarantee firstclass and high quality equipment and expect win-win cooperation with you.

联系人及联系方式

Contact Person and Information

联系人：李俊辉
电 话：+86-029-8632817
传 真：+86-029-86713965
邮 箱：gctok158@163.com

Contact person: Li Junhui
Phone (office): +86 (country code)-029-86322817
Fax: +86 (country code)-029-86713965
E-mai: gctok158@163.com

1. 环保与节能装备

1. ENVIRONMENT PROTECTION & ENERGY-SAVING EQUIPMENT

1.1 转炉煤气干法除尘系统

1.1 Dry purification recovering system for coal gas of converter



产品介绍:

转炉煤气干法净化回收系统主要应用于各种转炉炼钢产生的烟气处理中，也可以应用于爆炸性气体的净化和回收中（如矿热炉等）。

Introduction:

Dry purification recovering system for coal gas of converter is mainly used for flue gas treatment of various kinds steel-making converters, and also applied to purification and recycling of explosibility gas. (such as submerged-arc furnace)

主要参数:

应用转炉: 30—300 吨

放散烟气排放浓度: $\leq 10 \text{ mg/Nm}^3$

煤气回收量: 不小于 $100 \text{ m}^3/\text{吨钢}$

Main parameters:

Converter capacity: 30-300 tons

Outlet dust emission: $\leq 10 \text{ mg/Nm}^3$

Gas recovery rate: $\geq 100 \text{ m}^3/\text{T of steel}$

1.2 热轧及火焰清理机排烟专用湿式电除尘系统

1.2 Wet dust removal electrostatic precipitator system (EPS) for steel strip hot rolling and hot scarfing machine



产品介绍:

板坯、圆坯用机械式火焰清理机烟尘除尘。

Introduction:

Flue dust of mechanical hot scarfing machine dedusting.

主要参数:

处理烟气流: $60000-300000 \text{ m}^3/\text{h}$;

处理烟气温度: $\sim 80^\circ\text{C}$;

阻力损失: $\leq 500 \text{ Pa}$;

烟尘排放浓度: $\leq 10 \text{ mg/Nm}^3$ (干态, 连续测试)。

Main parameters:

Treatment capacity for flue gas: $60000-300000 \text{ m}^3/\text{h}$

Temperature for flue gas: $\sim 80^\circ\text{C}$

Resistance loss: $\leq 500 \text{ Pa}$

Dust emission concentration: $\leq 10 \text{ mg/Nm}^3$ (Dry, continuous testing).

1.3 煤气（高炉、转炉、煤气发生炉）湿法电除尘器 1.3Wet EPS for coal gas of blast furnace ,converter and producer furnace



产品介绍:

利用湿式除尘器去除煤气中的粉尘。

Introduction:

Dust of gas shall be removed by wet EPS.

主要参数:

烟尘排放浓度: $\leq 10\text{mg}/\text{Nm}^3$

Main parameters:

Dust emission concentration: $\leq 10\text{mg}/\text{Nm}^3$

1.4 电站锅炉烟气电除尘器 1.4Flue gas EPS for for boiler of power station



产品介绍:

电站锅炉烟气电除尘器用于去除烟气中粉尘。

Introduction:

Dust of gas shall be removed by EPS of boiler of power station.

主要参数:

烟尘排放浓度: $\leq 30\text{mg}/\text{Nm}^3$

Main parameters:

Dust emission concentration: $\leq 30\text{mg}/\text{Nm}^3$

1.5 烧结机烟气电除尘器 1.5EPS for flue gas of sintering machine



产品介绍:

烧结机头烟气电除尘器用于去除烟气中粉尘。

Introduction:

EPS of sintering machine head is used for removing the dust of flue gas.

主要参数:

烧结机面积: $24 \sim 450\text{m}^2$

烟尘排放浓度: $\leq 30\text{mg}/\text{Nm}^3$

Main parameters:

Area of sintering machine: $24\sim 450\text{m}^2$

Dust emission concentration: $\leq 30\text{mg}/\text{Nm}^3$

1.6 化工及有色冶炼烟气电除尘器 1.6 Flue gas EPS for chemical and non-ferrous industries



产品介绍:

化工及有色冶炼电除尘器用于去除烟气中粉尘。

Introduction:

Electrostatic precipitator for chemical and non-ferrous industries.

主要参数:

电除尘器截面积: 10–260m²

烟尘排放浓度: ≤ 30mg/Nm³

Main parameters:

Section area of Electrostatic Precipitator: 10-260m²

Dust emission concentration: ≤ 30mg/Nm³

1.7 水泥回转窑烟气电除尘器 1.7 EPS for cement rotary kiln



产品介绍:

水泥回转窑烟气电除尘器用于去除烟气中粉尘。

Introduction:

EPS for cement rotary kiln is used for removing the dust into flue gas.

主要参数:

烟尘排放浓度: ≤ 30mg/Nm³

Main parameters:

Dust emission concentration: ≤ 30mg/Nm³

1.8 工业窑炉烟气脱硫、除尘、脱硝系统 1.8 Flue gas desulfurization, dedusting and denitration system for industry kiln



产品介绍:

在不影响窑炉压力的前提下, 同时去除工业窑炉生产时产生的 SO₂、NO_x、粉尘等污染物质。

Introduction:

On the premise of kiln pressure shall not be impacted, remove the SO₂, NO_x and dust when industry kiln started to produce.

主要参数:

SO_x: ≤ 50mg/Nm³

粉尘: ≤ 30mg/Nm³

NO_x: ≤ 100mg/Nm³

Main parameters:

SO_x: ≤ 50mg/Nm³ Dust: ≤ 30mg/Nm³ NO_x: ≤ 100mg/Nm³

1.9 电站锅炉烟气脱硫系统

1.9 Flue gas desulfurization for boiler of power station



产品介绍:

电站锅炉烟气脱硫系统用于去除烟气中的粉尘。

Introduction:

Flue gas desulfurization for boiler of power station is used for removing the dust into flue gas.

主要参数:

机组容量: 12.5-660MW SO

排放浓度: $\leq 50\text{mg}/\text{Nm}^3$

Main parameters:

Capacity of the unit: 12.5-660MW

Emission concentration: $\leq 50\text{mg}/\text{Nm}^3$

1.10 烧结机头烟气脱硫系统

1.10 Flue gas desulfurization system for sintering machine head



产品介绍:

烧结机头烟气脱硫系统用于去除烧结机头生产时产生的粉尘。

Introduction:

Flue gas desulfurization system for sintering machine head is used for removing the dust when sintering machine head started to produce.

主要参数:

SO₂ 排放浓度: $\leq 50\text{mg}/\text{Nm}^3$

Main parameters:

Emission concentration of SO₂: $\leq 50\text{mg}/\text{Nm}^3$

1.11 微细粉尘 (PM2.5) 湿式电除尘器 1.11 Wet EPS for minuteness dust (PM2.5)



产品介绍:

微细颗粒物的湿法除尘。

Introduction:

Apply to wet dedusting of minuteness particulate matter.

主要参数:

PM2.5 分级脱除效率: $\geq 80\%$

Main parameters:

PM2.5 Classification removal efficiency: $\geq 80\%$

1.12 电炉烟气除尘系统 1.12 Flue gas dedusting system for EAF



产品介绍:

利用布袋除尘器去除电炉烟气中的粉尘。

Introduction:

Fine dust of EAF fume will be removed by bag-type duster.

主要参数:

电炉规格: 3 ~ 180t

烟尘排放浓度: $\leq 10\text{mg}/\text{Nm}^3$

Main parameters:

EAF capacity: 3~180t

Dust emission concentration: $\leq 10\text{mg}/\text{Nm}^3$

1.13 城镇生活污水处理系统建设与运营

1.13Build and operational project about municipal domestic wastewater treatment plant



产品介绍:

城镇生活污水处理系统建设与运营项目，用于处理辖区生活污水。

Introduction:

The building and operation of municipal domestic wastewater treatment plant treats sewage within their jurisdiction.

主要参数:

污水处理量: 10000~300000 m³/d;

主体工艺流程: 多级 A/O

Main parameters:

Sewage treatment capacity: 10000~300000 m³/d

Main process: multi-stage A/O

污染物指标:

COD_{Cr}、氨氮、TP 达地表 5 类水排放标准，TN 达一级 A 排放标准。

Pollutant index:

Emissions limits of COD_{Cr}, NH₃-N, TP conform to Environmental quality standards for surface water (GB3838-2002); Emissions limits of TN conform to the first class of A standard in Discharge standard of pollutants for municipal wastewater treatment plant.

2. 炉外精炼装备 2.SECONDARY REFINING EQUIPMENT

2.1RH 真空循环脱气装备 2.1 RH vacuum degassing device



产品介绍:

应用于 80 吨 ~ 320 吨转炉冶炼系统中, 是冶炼轴承钢、石油管线钢等的首选冶炼工艺。

Introduction:

Applied to secondary refining for the 80tons~320tons converters in iron&steel industries, and it is the first choice for smelting bearing steel and petroleum pipe line steel.

主要参数:

水蒸气喷射泵抽气能力: 600kg/h ~ 1500 kg/h
干式机械泵抽气能力: 1250000m³/h

Main parameters:

Extraction capacity of the water steam ejector pump: 600kg/h~1500 kg/h
Extraction capacity of the Dry mechanical pump: 1250000m³/h

出口业绩:

韩国现代制钢 300 吨 RH 项目

Export performance:

300tons RH equipments for Hyundai Steel Company

2.2 电弧炉 2.2 EAF (Electric ARC Furnace)



产品介绍:

电弧炉以废钢为原料, 适用于冶炼普钢、合金钢、工具钢、不锈钢等优特钢。与 LF、VD/VOD 配合可生产高附加值高品质的钢种。

Introduction:

Teel scrap is raw material, and carbon steel, alloy steel, tool steel and stainless steel can be smelted, which can be matched with LF, VD/VOD to produce high- added value high quality steel grade.

主要参数:

范围: 5T ~ 250T

Main parameters:

Range for heat size: 5T ~ 250T

出口业绩:

伊朗 75t EAF

Export performance:

75t EAF to Iran

2.3 钢包精炼炉 2.3 LF (Ladle Furnace)



产品介绍:

钢包精炼炉采用电弧加热方式，在初炼炉与连铸机之间起到缓冲作用，可实现包内加热，搅拌。钢包精炼炉采用电弧加热方式，在初炼炉与连铸机之间起到缓冲作用，可实现包内加热，搅拌。

Introduction:

Ladle furnace adopts electric arc for heating, which has buffer function between primary furnace and continuous caster, and it can achieve heating and stirring inside of the ladle.

主要参数:

范围: 5T ~ 300T

Main parameters:

Range for application: 5T ~ 300T

出口业绩:

韩国现代制钢 300 吨 LF 项目

Export performance:

300tons LF equipment for Hyundai Steel Company

2.4 真空脱气装置 2.4 VD (Vacuum Degassing)



产品介绍:

VD 炉具有真空脱气、吹氩搅拌、合金微调、成分温度均匀、除去夹杂作用。

Introduction:

The function of VD equipment are including vacuum degassing, argon blowing and stirring, fine adjustment for alloys, Temperature uniformity for composition and remove inclusion ect.

主要参数:

范围: 20T ~ 300T

Main parameters:

Range for heat size: 20T ~ 300T

2.5 真空吹氧脱碳装置

2.5 VOD (Vacuum Oxygen Decarburization)



产品介绍:

VOD 具有吹氧脱碳、升温搅拌、真空除气等功能，适用于不锈钢、工业纯铁、精密合金、高温合金钢的冶炼。

Introduction:

The functions of VOD equipment are including blowing oxygen and decarburization, warming up and stirring, vacuum degassing, and it is suitable for smelting stainless steel, industrial pure iron, precision alloy, high temperature alloy steel ect.

主要参数:

范围: 20T ~ 200T

Main parameters:

Range for heat size: 20T~200T

2.6 真空浇注装备

2.6 VC (Vacuum Casting Equipment)



产品介绍:

VC 装置是在真空环境下保护浇注，具有扩散除气，结晶细化，锭子成批率高等功能。

Introduction:

Protective casting of VC device will be conducted under vacuum environment, the functions including diffusion and degassing, refining crystal, and higher yield for cast ingot.

主要参数:

炉熔范围: 几吨~几百吨

Main parameters:

Range for heat size: 20T~ Hundreds of tonnes

3. 连铸装备

3. CONTINUOUS CASTING MACHINE

3.1 宽厚板坯连铸机

3.1 Heavy Plate Continuous Casting Machine



产品介绍:

(250~700)x(2000~3300)mm² 单双流连铸机

机型: 直弧形、全弧形、立式

基本圆弧半径: R=10000 ~ 15000 mm

Introduction:

(250~700)x(2000~3300)mm² single/double-strand

CCM Type: vertical curved type, curved type, vertical type

出口业绩:

美国中兴钢厂 254x2032mm² 板坯连铸机

Export performance:

254x2032 mm² Slab CCM in CITI.STEEL.USA INC

3.2 中厚板坯连铸机

3.2 Medium Plate Caster Continuous Casting Machine



产品介绍:

(150~250)x(400~3000)mm² 单双流板坯连铸机

机型: 直弧形、立式

基本圆弧半径: R=5500 ~ 10500 mm

Introduction:

(150~250)x(400~3000)mm² single/double-strand

CCM Type: vertical curved type, vertical type

The radius of the arc: R=5500~10500 mm

出口业绩:

土耳其 170mmx880mm² 板坯连铸机

伊朗穆巴拉克钢铁公司 250x2000mm² 板坯连铸机

Export performance:

170x880mm² slab CCM in Turkey TOSYALL CO.

250x2000mm² slab CCM in Mobarakeh Steel Company

3.3 不锈钢板坯连铸机

3.3Stainless Steel Slab Continuous Casting Machine



产品介绍:

(120~250)x(500~2150)mm² 单双流板坯连铸机

机型: 直弧形、立式

基本圆弧半径: R=7000 ~ 9500 mm

Introduction:

(120~250)x(500~2150)mm² single/double-strand

CCM Type: vertical curved type, vertical type

The radius of the arc: R=7000~9500 mm

出口业绩:

印尼 230x1600mm² 不锈钢板坯连铸机

Export performance:

230x1600mm² stainless steel slab CCM in Indonesia

3.4 大方坯连铸机

3.4 Bloom Continuous Casting Machine



产品介绍:

(200x200)~(470x510)mm² 方坯连铸机

机型: 全弧形、立式

基本圆弧半径: R=10000 ~ 16000mm

Introduction:

(200x200)~(470x510)mm²

CCM Type: full curved type, vertical type

The radius of the arc: R=10000~16000

出口业绩:

印尼 200x200mm² 不锈钢方坯连铸机

Export performance:

200x200mm² stainless steel billet CCM in Indonesia

3.5 圆坯连铸机

3.5 Round Billet Continuous Casting Machine



产品介绍:

圆坯连铸机

Introduction:

Round Billet Continuous Casting Machine

主要参数:

Φ150 ~ Φ650mm² 多流连铸机

Main parameters:

Φ150 ~ Φ650mm² multi-strand CCM

3.6 异型坯连铸机

3.2 Beam Blank Continuous Casting Machine



产品介绍:

异型坯连铸机

Introduction:

Beam blank caster

主要参数:

断面尺寸: (272~1025)×(185~440)×(80~120)mm×mm×mm

铸机半径: R6~16m

机型: 全弧形

Main parameters:

Section size: (272~1025)×(185~440) × (80~120) mm×mm×mm

Radius: R6 ~ 12m

Type: Full-curved type

4. 板带箔轧制装备

4. PLATE STRIP & FOIL ROLLING EQUIPMENT

4.1 铜及其合金板带材轧制工艺技术装备

4.1 Rolling Technology and Equipment for Copper Alloy Plate and Strip



技术规格:

粗轧: $\Phi 330/\Phi 760 \times 600\text{mm}$ $\Phi 420/\Phi 950 \times 800\text{ mm}$
 中轧: $\Phi 230/\Phi 600 \times 600\text{mm}$ $\Phi 260/\Phi 700 \times 800\text{ mm}$
 精轧: $\Phi 150/\Phi 550 \times 600\text{mm}$ $\Phi 150/\Phi 240/\Phi 650 \times 800\text{mm}$
 箔轧: $\Phi 35/\Phi 51/\Phi 94/\Phi 160 \times 550\text{ mm}$
 $\Phi 40/\Phi 72/\Phi 128/\Phi 225 \times 750\text{ mm}$

Technical specifications:

CRM: $\Phi 330/\Phi 760 \times 600\text{ mm}$ $\Phi 420/\Phi 950 \times 800\text{ mm}$
 CMM: $\Phi 230/\Phi 600 \times 600\text{ mm}$ $\Phi 260/\Phi 700 \times 800\text{ mm}$
 CFM: $\Phi 150/\Phi 550 \times 600\text{ mm}$ $\Phi 150/\Phi 240/\Phi 650 \times 800\text{ mm}$
 FRM: $\Phi 35/\Phi 51/\Phi 94/\Phi 160 \times 550\text{ mm}$ $\Phi 40/\Phi 72/\Phi 128/\Phi 225 \times 750\text{ mm}$

产品规格:

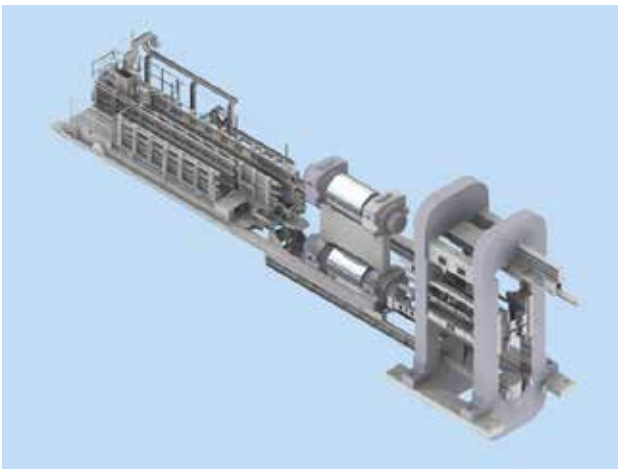
成品厚度: 0.05 ~ 3.00 mm
 产品宽度: 250 ~ 670 mm

Product parameters:

Thickness of finished products: 0.05 ~ 3.00 mm
 Width of products: 250 ~ 670 mm

4.2 铝及其合金板带材轧制工艺技术装备

4.2 Rolling Technology and Equipment for Aluminum Alloy Plate and Strip



技术规格:

$\Phi 380/\Phi 1150 \times 1450 \sim 1650\text{ mm}$
 $\Phi 420/\Phi 500/\Phi 1300 \times 1850\text{ mm}$
 $\Phi 450/\Phi 560/\Phi 1400 \times 2050\text{ mm}$
 $\Phi 450/\Phi 560/\Phi 1400 \times 2350\text{ mm}$
 $\Phi 500/\Phi 560/\Phi 1400 \times 2800\text{ mm}$

Technical specifications:

$\Phi 380/\Phi 1150 \times 1450 \sim 1650\text{ mm}$
 $\Phi 420/\Phi 500/\Phi 1300 \times 1850\text{ mm}$
 $\Phi 450/\Phi 560/\Phi 1400 \times 2050\text{ mm}$
 $\Phi 450/\Phi 560/\Phi 1400 \times 2350\text{ mm}$
 $\Phi 500/\Phi 560/\Phi 1400 \times 2800\text{ mm}$

产品规格:

成品厚度: 0.10 ~ 2.00 mm
 产品宽度: 800 ~ 2650 mm

Product parameters:

Thickness of finished products: 0.10 ~ 2.00 mm
 Width of products: 800 ~ 2650 mm

4.3 普碳钢板带材轧制与平整工艺技术装备

4.3 Rolling and Skin-pass Technology and Equipment for Plain Carbon Steel Plate and Strip



技术规格:

$\Phi 300/\Phi 370/950 \times 950$ mm
 $\Phi 340/\Phi 400/1150 \times 1250$ mm
 $\Phi 400/\Phi 440/1250 \times 1450$ mm
 $\Phi 435/\Phi 490/1300 \times 1550$ mm
 $\Phi 440/\Phi 500/1400 \times 1780$ mm
 $\Phi 475/\Phi 530/1450 \times 2030$ mm
 $\Phi 560/\Phi 650/1520 \times 2230$ mm

Technical specifications:

$\Phi 300/\Phi 370/950 \times 950$ mm
 $\Phi 340/\Phi 400/1150 \times 1250$ mm
 $\Phi 400/\Phi 440/1250 \times 1450$ mm
 $\Phi 435/\Phi 490/1300 \times 1550$ mm
 $\Phi 440/\Phi 500/1400 \times 1780$ mm
 $\Phi 475/\Phi 530/1450 \times 2030$ mm
 $\Phi 560/\Phi 650/1520 \times 2230$ mm

产品规格:

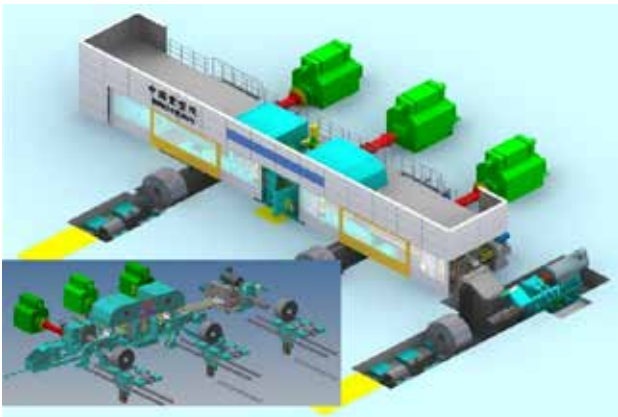
成品厚度: 0.15 ~ 2.00 mm
 产品宽度: 700 ~ 2100 mm

Product parameters:

Thickness of finished products: 0.15 ~ 2.00 mm
 Width of products: 700 ~ 2100 mm

4.4 不锈钢板带材轧制与平整工艺技术装备

4.4 Rolling and Skin-pass Technology and Equipment for Stainless Steel Plate and Strip



技术规格:

$\Phi 16/\Phi 29/\Phi 51/\Phi 90 \times 280$ mm
 $\Phi 20/\Phi 39/\Phi 68/\Phi 120 \times 400$ mm
 $\Phi 35/\Phi 51/\Phi 94/\Phi 160 \times 550$ mm
 $\Phi 40/\Phi 72/\Phi 128/\Phi 225 \times 850$ mm
 $\Phi 63.5/\Phi 102/\Phi 173/\Phi 300 \times 1450$ mm

Technical specifications:

$\Phi 16/\Phi 29/\Phi 51/\Phi 90 \times 280$ mm
 $\Phi 20/\Phi 39/\Phi 68/\Phi 120 \times 400$ mm
 $\Phi 35/\Phi 51/\Phi 94/\Phi 160 \times 550$ mm
 $\Phi 40/\Phi 72/\Phi 128/\Phi 225 \times 850$ mm
 $\Phi 63.5/\Phi 102/\Phi 173/\Phi 300 \times 1450$ mm

产品规格:

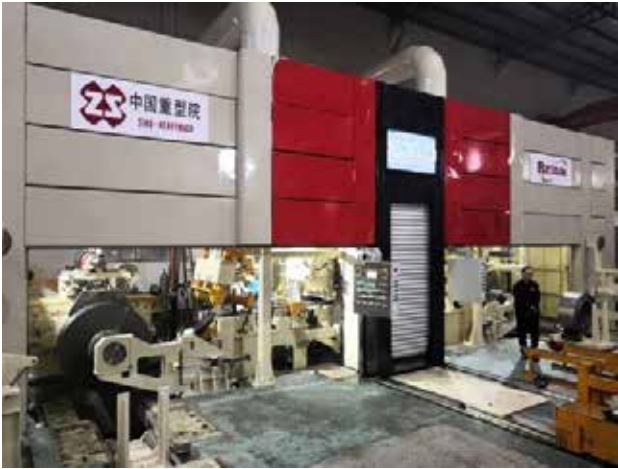
成品厚度: 0.02 ~ 2.00 mm
 产品宽度: 100 ~ 1350 mm

Product parameters:

Thickness of finished products: 0.02 ~ 2.00 mm
 Width of products: 100 ~ 1350 mm

4.5 特殊合金板带材轧制工艺技术装备

4.5 Rolling Technology and Equipment for Special Alloy Plate and Strip



技术规格:

六辊: $\Phi 145/\Phi 260/\Phi 560 \times 500\text{mm}$

$\Phi 380/\Phi 450/\Phi 1250 \times 1450\text{ mm}$

十八辊: $\Phi 170/\Phi 370/\Phi 1000 \times 1250\text{mm}$

$\Phi 150/\Phi 370/\Phi 1200 \times 1450\text{mm}$

Technical specifications:

6-Hi: $\Phi 145/\Phi 260/\Phi 560 \times 500\text{ mm}$ $\Phi 380/\Phi 450/\Phi 1250 \times 1450\text{ mm}$

18-Hi: $\Phi 170/\Phi 370/\Phi 1000 \times 1250\text{ mm}$ $\Phi 150/\Phi 370/\Phi 1200 \times 1450\text{ mm}$

产品规格:

成品厚度: $0.08 \sim 1.50\text{ mm}$

产品宽度: $100 \sim 1300\text{ mm}$

Product parameters:

Thickness of finished products: $0.08 \sim 1.50\text{ mm}$

Width of products: $100 \sim 1300\text{ mm}$

5. 板带精整与处理装备

5.FINISHING AND PROCESSING EQUIPMENT FOR SHEET & STRIP

5.1 汽车板重卷检查 / 拉伸弯曲矫直机组

5.1 Recoiling & inspection/Tension leveler line for auto sheet



产品介绍:

汽车板重卷检查 / 拉伸弯曲矫直机组

Introduction:

Recoiling & inspection/Tension leveler line for auto sheet

主要参数:

板带宽度范围: $1100 \sim 1980\text{mm}$

板带厚度范围: $0.3 \sim 2.6\text{mm}$

机组最大速度: 400m/min

Main parameters:

Width: $1100 \sim 1980\text{mm}$

Wall thickness: $0.3 \sim 2.6\text{mm}$

Speed of the line: 400m/min

5.2 镀锡板重卷准备机组 / 拉矫 / 清洗

5.2 Recoiling preparing line / Tension leveler line / Electronic degreasing line for tinning plate



产品介绍:

镀锡板重卷准备机组 / 拉矫 / 清洗

Introduction:

Recoiling preparing line/Tension leveler line /Electronic degreasing line for tinning plate

主要参数:

板带宽度范围: 700 ~ 1300mm

板带厚度范围: 0.15 ~ 0.55mm

机组最大速度: 1000m/min

Main parameters:

Width: 700 ~ 1300mm

Wall thickness: 0.15 ~ 0.55mm

Speed of the line: 1000m/min

5.3 硅钢重卷机组 / 拼焊机组 / 磁畴细化机组

5.3 Recoiling line / Tailor-welded line / Laser domain refining line for silicon steel



产品介绍:

硅钢重卷机组

硅钢拼焊机组

硅钢磁畴细化机组

Introduction:

Recoiling line for silicon steel

Tailor-welded line for silicon steel

Laser domain refining line

主要参数:

板带最大宽度: ~ 1300mm

板带厚度范围: 0.2 ~ 1.65mm

机组最大速度: 400m/min

Main parameters:

Width: ~ 1300mm

Wall thickness: 0.2 ~ 1.65mm

Speed of the line: 400m/min

5.4 钢卷包装机组 / 铝卷（板）包装机组 5.4 Steel-coil packing line/ Aluminum-coil (sheet) packing line



产品介绍:

钢卷包装机组
铝卷（板）包装机组

Introduction:

Steel-coil packing line
Aluminum-coil (sheet) packing line

主要参数:

最高速度 28 卷 / 小时

Main parameters:

Maximum Speed: 28coils/hour

5.5 热镀锌生产线 5.5 Hot dip galvanizing line



产品介绍:

热镀锌生产线

Introduction:

Hot dip galvanizing line

主要参数:

板带宽度范围: 70 ~ 1250mm

板带厚度范围: 0.2 ~ 1.2mm

机组最大速度: 200m/min

Main parameters:

Width: 700 ~ 1250mm

Wall thickness: 0.2 ~ 1.2mm

Speed of the line: 200m/min

出口业绩:

伊朗 Seven Diamonds 公司热镀锌生产线

Export performance:

Hot dip galvanizing line for Seven Diamonds Company in Iran .

5.6 纵切机组

5.6 Slitting line for steel strip



产品介绍:

纵切机组

Introduction:

Slitting line for steel strip

主要参数:

板带宽度范围: 800 ~ 1280mm
板带厚度范围: 0.35 ~ 0.65mm
机组最大速度: 220m/min

Main parameters:

Width: 800 ~ 1280mm
Wall thickness: 0.35 ~ 0.65mm
Speed of the line: 220m/min

5.7 彩涂板生产线 / 涂层生产线

5.7 Color coating line/ Continuous coating line



产品介绍:

彩涂板生产线

涂层生产线

Introduction:

Color coating line
Continuous coating line

主要参数:

板带宽度范围: 700 ~ 1250mm
板带厚度范围: 0.18 ~ 1.2mm
机组最大速度: 150m/min

Main parameters:

Width: 700 ~ 1250mm
Wall thickness: 0.18 ~ 1.2mm
Speed of the line: 150m/min

5.8 横切机组

5.8 Cold rolling transverse cutting Unit



产品介绍:

横切机组

Introduction:

Cold rolling transverse cutting Unit

主要参数:

	钢	铝合金
板带宽度范围:	900 ~ 1575mm	500 ~ 2250mm
板带厚度范围:	0.2 ~ 2.0mm	0.35 ~ 4.0mm
机组最大速度:	120m/min	120m/min

Main parameters:

	Steel	Aluminium alloy
Width:	900 ~ 1575mm	500 ~ 2250mm
Wall thickness:	0.2 ~ 2.0mm	0.35 ~ 4.0mm
Speed of the line:	120m/min	120m/min

5.9 铝合金清洗拉矫机组

5.9 Cleaning and tension leveler line for aluminium alloy



产品介绍:

铝合金清洗拉矫机组

Introduction:

Cleaning and tension leveler line for aluminium alloy

主要参数:

板带宽度范围: 750 ~ 2150mm

板带厚度范围: 0.2 ~ 2.0mm

机组最大速度: 300m/min

Main parameters:

Width: 750 ~ 2150mm

Wall thickness: 0.2 ~ 2.0mm

Speed of the line: 300m/min



5.10 关键设备—圆盘剪、飞剪、矫直机

5.10 Key equipment—Trimmer, Flying shear, Leveller



圆盘剪类型:

切边圆盘剪

剖分式圆盘剪

涨套式通轴剪

转塔式圆盘剪

纵切分条剪

Type:

Edge trimmer

Side Trimmer & Center Cutter

Scherenaggregat

Turret-type Side Trimmer

Rotary slitting shears

主要参数:

剪切厚度范围: 0.15~16mm

最高速度: 1000m/min (厚度 ≤ 0.8)

Main parameters:

Thickness: 0.15~16mm

Maximum speed: 1000m/min (δ ≤ 0.8)



飞剪类型:

曲柄式飞剪
滚筒式飞剪

Type:

Crank shear
Drum shear

主要参数:

最大速度: 300m/min
定尺精度: 0.5mm (定尺长度 2000mm)
换刀时间小于 1 小时
刀片寿命长达 1 年

Main parameters:

Maximum speed: 300m/min
Length precision: 0.5mm (length 2000mm)
Time of changing knife less than 1 hour
Knife serving time more than 1 year



矫直机类型:

拉伸弯曲矫直机
辊矫

Type:

Tension leveller
Roll leveller

主要参数:

矫直最高速度: 500m/min
矫直厚度范围: 0.15 ~ 2.5mm
矫直精度 $\leq 3l$

Main parameters:

Maximum speed: 500m/min
Thickness: 0.15~2.5mm
Shape flatness: $\leq 3l$

6. 管棒型材轧制与精整装备

6.TUBE/BAR/PROFILE ROLLING AND FINISHING EQUIPMENT

6.1 棒材精整线

6.1 Finishing Line of Steel Rod & Wire



产品介绍:

棒材精整线

Introduction:

Finishing Line of Steel Rod & Wire

主要参数:

$\Phi 30-\Phi 100\text{mm}$ 、 $\Phi 50-\Phi 150\text{mm}$ 、 $\Phi 100-\Phi 350\text{mm}$ 精整线。

Main parameters:

$\Phi 30-\Phi 100\text{mm}$, $\Phi 50-\Phi 150\text{mm}$, $\Phi 100-\Phi 350\text{mm}$ Finishing Line.

6.2 冷轧管机组

6.2 Cold Rolling Pipe Mill



产品介绍:

冷轧管机组

Introduction:

Cold Rolling Pipe Mill

主要参数:

成品管外径: $\Phi 6 \sim \Phi 530 \text{ mm}$

最高轧制速度: 300 次 / 分

Main parameters:

OD of final tube: $\Phi 6-\Phi 530 \text{ mm}$ Maximum rolling speed: 300 times/minutes

出口业绩:

DMV 美国 HOUSTON 工厂

Export performanc:

Salzgitter Mannesmann Stainless Tubes (USA)

6.3 棒材矫直机

6.3 Bar&Rod straightener machine



产品介绍:

棒材矫直机

Introduction:

Bar&Rod straightener machine

主要参数:

直径: $\Phi 5 \sim \Phi 250\text{mm}$

精度: $\leq 0.5\%$

最大矫直速度: $90\text{m}/\text{min}$

特点: 适用于高合金钢、轴承钢、弹簧钢的矫直, 采用液压恒压矫直技术和复合辊系。

Main parameters:

Diameter of bar/rod: $\Phi 5 \sim \Phi 250\text{mm}$ Precision: $\leq 0.5\%$

Features: Suitable for straightening high alloy steel, bearing steel, spring steel, and hydraulic constant pressure straightening technology and composite roll shall be adopted.

6.4 压力矫直机

6.4 GAG straightener machine



产品介绍:

压力矫直机

Introduction:

GAG straightener machine

主要参数:

最大矫直直径: 560mm

最大矫直力: $\text{Max. } 25\text{MN}$

特点: 具有在线直线度随机检测, 可实现主动夹持旋转翻钢, 同时可实现全长范围矫直。

Main parameters:

Maximum straightening diameter: $\Phi 560\text{mm}$

Maximum straightening force: $\text{Max. } 25\text{MN}$

Features: With online straightness random testing function, can achieve active clamping rotating and turning steel. also can realize the straightening of overall length.

6.5 钢管矫直机

6.5 Straightener machine for steel tube



产品介绍:

钢管矫直机

Introduction:

Straightener machine for steel tube

主要参数:

钢管外径: $\Phi 9 \sim \Phi 1000\text{mm}$ 管长: $1.5 \sim 15\text{m}$

屈服极限: Max. 1200MPa

最大矫直速度: Max. 120m/min

矫直精度: Max. 0.25mm/m

机型: 分为精密矫直机、普通矫直机和带快开功能矫直机

Main parameters:

Outer diameter for steel tube: $\Phi 9\sim\Phi 1000\text{mm}$ Length: $1.5\sim 15\text{m}$

Ultimate Yield Strength: Max. 1200MPa

Maximum speed: Max. 120m/min

Straightening Precision: max. 0.25mm/m

Type: Precision straightening machine, normal straightening machine and quick-open straightening machine

6.6 倒棱机

6.6 Chamfering machine for steel pipe



产品介绍:

倒棱机

Introduction:

Chamfering machine for steel pipe

主要参数:

直径: $\Phi 21 \sim \Phi 1620\text{mm}$

最大壁厚: $\sim 50\text{mm}$

Main parameters:

Diameter of steel tube: $\Phi 21\sim\Phi 1620\text{mm}$ Maximum wall thickness: 50mm

出口业绩:

印度 JINDAL SAW LIMITED

Export performanc:

JINDAL SAW LIMITED (India)

6.7 管排锯 6.7 Tubelayer sawing machine



产品介绍:

管排锯

Introduction:

Tubelayer sawing machine

主要参数:

直径: $\phi 25 \sim \phi 340$

最大壁厚: $\sim 40\text{mm}$

Main parameters:

Diameter of steel tube: $\phi 25 \sim \phi 340$

Max Wall thickness: Max 40mm

6.8 板材矫直机 6.8 Straightener machine for plate



产品介绍:

板材矫直机 (中厚板)

Introduction:

Straightener machine for plate

主要参数:

板材厚度: $20 \sim 60\text{mm}$, $5 \sim 25\text{mm}$

板材宽度: 最大 850mm

矫直速度: 最大 21m/min

矫直精度: 小于 2mm/m

Main parameters:

Thickness of I plate: $20 \sim 60\text{mm}$, $5 \sim 25\text{mm}$ Width of I plate: Max 850mm

Straightening speed: Max 21m/min Straightening accuracy: less than 2mm/m

6.9 焊管生产线 6.9 Welded pipe production line



产品介绍:

焊管生产线

Introduction:

Welded pipe production line

主要参数:

外径: 219 ~ 3800mm

壁厚: 5 ~ 30mm

材质: Q345, X60 ~ X100

Main parameters:

Outer diameter: 219~3800mm

Wall thickness: 5~30mm

Material: Q345, X60~X100

6.10 型钢矫直机 6.10 Straightener machine for profile steel



产品介绍:

型钢矫直机

Introduction:

Straightener machine for profile steel

主要参数:

制品高度: $\leq 260\text{mm}$

制品宽度: $\leq 320\text{mm}$

Main parameters:

Height: $\leq 260\text{mm}$

Width: $\leq 320\text{mm}$

6.11 铝合金板带拉伸机组 6.11 Aluminum Alloy Plate Stretcher



产品介绍:

铝合金板带拉伸机组

主要参数:

最大拉伸力: 4 ~ 125MN
拉伸最大宽度: ~ 4000mm
厚度: 5 ~ 250mm,
最大长度: ~ 30000mm

Introduction:

Aluminum Alloy Plate Stretcher

Main parameters:

Tensile force: 4 ~ 125MN Maximum
Width : ~ 4000mm Thickness: 5 ~ 250mm
Maximum Length: ~ 30000mm

6.12 油管加厚自动生产线 6.12 Tube End Upsetting Production Line



产品介绍:

油管加厚自动生产线

Introduction:

Tube End Upsetting Production Line

主要参数:

Φ48.3 ~ Φ177.8mm 油管加厚自动生产线

Main parameters:

Φ48.3~Φ177.8mm Tube End Upsetting Production Line

6.13 全自动钢管高压水压试管机组 6.13 High-pressure Hydrotester Machine



产品介绍:

全自动钢管高压水压试管机组

主要参数:

$\Phi 60.3 \sim \Phi 1626\text{mm}$

出口业绩:

- (a) 印度 JINDAL SAW LIMITED
- (b) 天津钢管公司美国休斯顿工厂
- (c) 俄罗斯 UPT 公司

Introduction:

High-pressure Hydrotester Machine

Main parameters:

Outer diameter of steel tube: $\Phi 60.3 \sim \Phi 1626\text{mm}$

Export performance:

- (a) JINDAL SAW LIMITED (India)
- (b) TPCO Houston Plant, USA
- (c) Uraltrubprom Company (Russia)

6.14 钢管热处理生产线 6.14 Heat Treatment Line for Steel Tube



产品介绍:

钢管热处理生产线

Introduction:

Heat Treatment Line for Steel Tube

主要参数:

$\Phi 60 \sim \Phi 720\text{mm}$

Main parameters:

Outer diameter of steel tube: $\Phi 60 \sim \Phi 720\text{mm}$

出口业绩:

- (a) 印度 JINDAL SAW LIMITED
- (b) 天津钢管公司美国休斯顿工厂

Export performance:

- (a) JINDAL SAW LIMITED (India)
- (b) TPCO Houston Plant, USA

6.15 双金属复合管液胀成形机 6.15 Double-metal Clad Pipe Hydraulic Forming Machine



产品介绍:

国内首台双金属复合管液胀成形机由中国重型机械研究院股份公司油气研发成功，其能够通过液胀成型的方式将耐腐蚀薄壁合金管紧紧与外层厚壁碳钢管贴合，生产的复合管不但满足管材机械强度的要求，还具备合金钢管的高耐腐蚀性能。

主要参数:

钢管直径: 88.9—610mm
长度: 6—15m
外管壁厚: 4—25.6mm
内管壁厚: 1—5mm

Introduction:

The first double-metal clad pipe hydraulic forming machine is developed by China National Heavy Machinery Research Institute Co., Ltd in China. The corrosion resistant alloy pipe is close contact with the outer thick steel pipe by hydraulic forming. Double-metal clad pipe can meet the mechanical strength requirements and has a high resistance to corrosion.

Main parameters:

Diameter of tube: 88.9—610mm
Length: 6-15m
Outer wall thickness of pipe: 4—25.6mm
Inner wall thickness of pipe: 1—5mm

6.16 防喷器试验机

6.16 BOP Testing Machine



产品介绍:

防喷器试验机

Introduction:

BOP Testing Machine

设备技术参数:

系统工作压力:	27MPa
防喷器最大悬挂载荷:	3000kN
加载油缸行程:	600mm
旋转驱动最大扭矩:	3000Nm
旋转驱动最大转速:	320r/min
强行起下钻最大速度:	600mm/s
往复缸最大行程:	2400mm
往复缸载荷:	500 kN
闸板防喷器油缸的开关操作时间:	≤ 15s
环形防喷器油缸的开关操作时间:	≤ 30s
液压卡箍的夹紧时间:	≤ 1min
试验系统本身压力降:	≤ 0.1MPa/ min

Technical parameter:

System working pressure:	27MPa
Maximum suspension load:	3000kN
Load oil cylinder stroke:	600mm
Maximum torque of rotary drive:	3000Nm
Maximum revolutions of rotary drive:	320r/min
Maximum speed of snubbing service:	600mm/s
Maximum stroke of reciprocating cylinder:	2400mm
Reciprocating cylinder load:	500 kN
Oil cylinder switching time of ram BOP:	≤15s
Oil cylinder switching time of annular BOP:	≤30s
Clamping time of hydraulic clamp:	≤1min
Pressure drop of testing system itself:	≤0.1MPa/ min

6.17 打捆机

6.17 Packing Machine for steel tube



产品介绍:

打捆机

Introduction:

Packing Machine for steel tube

设备技术参数:

钢管规格:	
外径范围:	Φ60.32 ~ 177.8mm
壁厚范围:	4.83 ~ 13.72mm
钢管长度:	6000 ~ 12500 mm

Main technical parameter:

Outer diameter:	Φ60.32 ~ 177.8mm
Wall thickness:	4.83 ~ 13.72mm
Length :	6000 ~ 12500 mm

7. 重型锻压装备

7. HEAVY FORGING EQUIPMENT

7.1 单 / 双动铝材挤压生产线

7.1 Single / Double Action Aluminum Extrusion Press Line



产品介绍:

单 / 双动铝材挤压生产线

Introduction:

Single / Double Action Aluminum Extrusion Press Line

主要参数:

公称挤压力范围: 8MN ~ 250MN

用途主要用于铝及铝合金型材、管材、棒材的正反向挤压加工。

Main parameters:

Range of nominal extrusion force: 8MN ~ 250MN

Application for equipment: it is mainly used for direct and indirect extrusion of aluminum and aluminum alloy types profiles, pipes and bars.

出口业绩:

缅甸 16MN、25MN 和 36MN 铝挤压机

土耳其 36MN 铝挤压机

Export performanc:

Myanmar 16MN, 25MN and 36MN Aluminum Extrusion Press Line

Turkey 36MN Aluminum Extrusion Press Line

7.2 单 / 双动铜材挤压生产线

7.2 Single/Double Action Copper Extrusion Press Line



产品介绍:

单 / 双动铜材挤压生产线

Introduction:

Single/Double Action Copper Extrusion Press Line

主要参数:

5MN ~ 40MN 双动铜材挤压生产线

Main parameters:

5MN ~ 40MN Single/Double Action Copper Extrusion Press Line

7.3 快锻机组 7.3 Quick-forging Machine Unit



产品介绍:

快锻机组

Introduction:

Quick-forging Machine Unit

主要参数:

公称吨位: 5MN ~ 50MN

Main parameters:

Nominal tonnage: 5MN ~ 50MN

出口业绩:

缅甸 800T 快速锻造压机

Export performanc:

800T Quick- forging Machine for Myanmar Company.

7.4 自由锻造压机 7.4 Open-die Forging Press Machine



产品介绍:

自由锻造压机

Introduction:

Open-die Forging Press Machine

主要参数:

60MN ~ 195MN 自由锻造压机

Main parameters:

60MN ~ 195MN Open-die Forging Press

7.5 径轴向数控轧环机 7.5 NC Radial/Axial Ring-rolling Mill



产品介绍:

径轴向数控轧环机

Introduction:

NC Radial/Axial Ring-rolling Mill

主要参数:

轧制成品环外径 1m ~ 12m

Main parameters:

Outer diameter of finished ring: 1m ~ 12m

7.6 全液压电液锤 7.6 Fully Hydraulic Electro-hydraulic Hammer



产品介绍:

全液压电液锤

Introduction:

Fully Hydraulic Electro-hydraulic Hammer

主要参数:

1 ~ 20 吨全液压电液锤

Main parameters:

1~20t Fully Hydraulic Electro-hydraulic Hammer

陕西冶金设计研究院有限公司

Metallurgical Design Institute Co., Ltd. Shaanxi

公司名称：陕西冶金设计研究院有限公司

Company Name: Metallurgical Design Institute Co., Ltd. Shaanxi

以工程设计、工程咨询、工程总承包、工程监理及相关技术服务为主要业务，具有国家建设部颁发的建筑行业建筑工程设计甲级资质及冶金行业、市政公用（燃气、热力）、环境工程（大气污染处理、水污染处理）、化工（油气储运）工程设计乙级资质，工程咨询（建筑、钢铁、燃气、热力）甲级资质和工程咨询化工、有色冶金丙级资质，监理（房建、冶炼、矿山）乙级资质，施工（房建（幕墙））专业二级、环保三级资质，压力管道设计资质等资质，企业安全生产许可证。

具有进出口经营权；可以承揽冶金工业基建、技改工程设计；冶金工业技术与开发；工业民用建筑设计；工程承包；冶金咨询；轧制、锻压、真空的处理；基础文件的编制；电气、液压设备的设计；机电产品的加工、制造；设备成套及工程总承包、技术开发、咨询、技术承包、技术转让、工程咨询、技术贸易；房屋建筑工程冶炼工程、矿山工程监理业务。

The main business include project engineering, consultation, general contracting, supervision and related technical services. Qualifications acquired include: architectural engineering Class A by Ministry of Construction; metallurgy, public works (gas/heating), environmental engineering (air/gas pollution treatment) and chemical (oil/gas storage/transportation) engineering Class B; engineering consultation (architecture/steel/gas/heating) Class A; consultation (chemical industry/nonferrous metallurgy) Class C; supervision (building construction/smelting/mining) Class B; Building construction (curtain wall) Class B and environmental protection Class C; pressure piping design; safe production permit.

Import & Export Operation Right obtained. Able to undertake various businesses including metallurgical construction/revamp engineering, metallurgical R&D, industrial/civil building design, project contracting, metallurgical consulting, rolling/forging/extrusion/vacuum processing, preparation of basic documents, electrical/hydraulic equipment design, processing/manufacturing of electromechanical products, complete plant general contracting, technical R&D, know-how transfer, engineering consultation, technical trading; supervision of building construction, smelting and mining projects.

联系人及联系方式

Contact Person and Information

联系人：雷刚

电 话：029-86322609

传 真：029-86322537

Contact person: Lei Gang

Phone: 029-86322609

Fax: 029-86322537

资质证书 Qualification certificate



GB1, GB2 级; GC1(1), GC2 级 Class GA2;
Class GB1, GB2; GB1, Class GC1(1), GC



建筑行业 (建筑工程) 甲级
Construction industry (construction) Grade



冶金行业、市政公用 (燃气、热力)、环境工程 (大气污染处理、水污染处理)、化工 (油气储运) 工程设计乙级
Class B metallurgical industry, the municipal sector (thermal engineering) Class B, the municipal sector (town gas works) Grade B

主要业绩

Major Achievements

- 1、西安高新六路住宅小区设计项目
Xi'an six high-tech residential district design project
- 2、神木县宏光煤焦化有限公司 120 万吨 / 年兰炭项目
Shenmu Hongguang Coking Co., 1.2 million tons / year of carbonlan project
- 3、新疆华阳科工矿业有限公司 60 万吨 / 年兰炭项目
Xinjiang Huayang Science and Industry Mining Ltd. 600,000 tons/ year of carbon-lan project
- 4、柞水县博隆东升矿业有限公司选厂技改项目
Zhashui Bolong Dongsheng Mining Co. plant technology projects
- 5、商洛市商州区秦梓矿业有限责任公司选厂项目
Qin Zi Shangzhou District Shangluo City Mining Limited LiabilityCompany plant project
- 6、宁夏华夏特钢有限公司 6X30000KVA 密闭式铬铁矿热炉及尾气余热发电项目
Ningxia, China Special Steel Co., Ltd. 6X30000KVA closed chromitefurnace and exhaust heat power generation projects
- 7、华亭县四大机关办公楼项目
Four bodies Huating County Office Building Project
- 8、陕西延长石油（集团）有限责任公司靖边生活基地工程
Shaanxi Yanchang Petroleum (Group) Co., Ltd. Jingbian life baseproject
- 9、新疆科利尔油化有限公司煤基多联产年产 50 万吨煤焦油生产及深加工循环经济项目
Collier Oil Co., Ltd. Xinjiang coal polygeneration annual output of500,000 tons of coal tar production and deep processing of circular economy projects
- 10、庆华集团新疆和丰能源化工有限公司 5 万吨 / 年油砂（煤炭）干馏项目
Qinghua Group Energy and Chemical Co., Ltd. Xinjiang abundance 50,000 tons / year of oil sands (coal) retorting project
- 11、新疆宝明矿业有限公司油页岩综合利用（一期）工程
Bo Ming Mines Ltd. Xinjiang comprehensive development andutilization of oil shale (a) Project
- 12、陕西盛安矿业开发有限公司宁强金矿项目
Shengan Mining Development Co., Ltd. Shaanxi Ningqiang Gold Project
- 13、陕西华林矿业有限公司选厂项目
Waring Mines Ltd. Shaanxi plant project
- 14、陕西铭帝铝业有限公司年产 10 万吨建筑铝合金型材一期项目
Aluminum Co., Ltd. Shaanxi Ming emperor produce 100,000 tons of aluminum profiles a construction project
- 15、山东恒基新型材料有限公司年产 200 万吨精密板带项目
New Materials Co., Ltd. Shandong Henderson precision sheet with an annual output of 2 million tons project
- 16、张掖年产 30 万吨电石项目
Zhangye 300000 tons of calcium carbide projects
- 17、陕西九龙矿业有限公司选厂设计项目
Shanxi Jiu Long Mining Limited company plant project design
- 18、鞍钢股份有限公司炼铁总厂西烧除尘系统改造工程总承包

主要案例 Major Cases



西安高新六路住宅小区设计项目
Xi'an six high-tech residential district design project



重庆万达薄板有限公司 200 万吨 / 年汽车板工程
Chongqing Wanda thin plate Co., Ltd.. 2 million tons / year auto plate project



丹凤县宏岩矿业有限公司选矿厂项目
Danfeng Hongyan Mining Co., Ltd.. Mining Plant Project



陕西东鑫垣化工有限责任公司 120 万吨 / 年兰炭项目
Shaanxi Dongxinyuan Chemical Co., Ltd.. 1.2 million tons / year Semi-Coke Project



吉林成大弘晟能源有限公司页岩油回收工程
Jilin Chengda Hongsheng Energy Company Limited shale oil recovery engineering

二重（德阳）重型装备有限公司

Erzhong (Deyang) Heavy Equipment Co., Ltd.

公司名称：二重（德阳）重型装备有限公司

Company Name: Erzhong (Deyang) Heavy Equipment Co., Ltd.

二重（德阳）重型装备有限公司（简称二重装备）隶属于国机重型装备集团股份有限公司。中国第二重型机械集团公司始建于1958年，2013年，经国务院批准，中国二重与中国机械工业集团有限公司实施联合重组，中国二重成为国机集团全资子公司。国机集团打造了以二重集团（德阳）重型装备股份有限公司为平台，整合中国重型机械研究院股份有限公司、中国重型机械有限公司，集“科、工、贸”为一体的高端装备集成服务商——国机重型装备集团股份有限公司。2018年2月5日，二重（德阳）重型装备有限公司成立，二重装备承继了原二重重装的主要业务及资产、资质、体系、人员等全部资源，是国机重装的核心制造板块，是国机重装的全资子公司。

二重装备将依托国机集团28所国家级研究院所和70多家海外服务机构以及国机重装“科、工、贸”旗舰平台，遍布140多个国家的国际市场营销网络，成为一流高端装备研发制造企业。

二重装备具有强大的产品研发、设计和制造能力，旗下有国家级技术中心、工程实验室和博士后工作站，有以当今世界最大的160MN自由锻压机为代表的生产设备6600余台，具备一次性冶炼900t钢水、浇注700t钢锭、产出550t成品铸件及400t成品锻件的能力，可按国际、国内标准及不同等级、规格和用户需求提供大型成套设备、核电、水电、火电成套铸锻件、核电设备、石化装备、大型传动设备等各类重大技术装备制造服务。

六十多年来，二重装备先后为冶金、矿山、能源、交通、汽车、石油化工、航空航天等国民经济各部门和国防建设提供了近三百万吨重大技术装备，积淀了深厚的技术实力和服务经验，在国家重大技术装备国产化的进程中发挥了不可替代的重要作用。

二重装备将认真贯彻落实党的十九大和十九届二中、三中全会精神，坚定不移以习近平新时代中国特色社会主义思想为指导，在继承和发扬企业优良传统和文化基因的基础上，认真贯彻国机重装总体发展战略，牢固树立创新、

Erzhong (Deyang) Heavy Equipment Co., Ltd. (abbreviated as EHEC hereinafter) is a subsidiary of Sinomach Heavy Equipment Group Co., Ltd. China National Erzhong Group Co. was established in 1958. In 2013, upon the approval of the State Council, reorganized with China National Machinery Industry Corporation, CNEG became a wholly-owned subsidiary of SINOMACH. Based on EHEC as the platform and with the integration of China National Heavy Machinery Research Institute Co., Ltd. and China National Heavy Machinery Corporation, SINOMACH has built a high-end equipment integration service provider-Sinomach Heavy Equipment Group Co., Ltd. combining the "science, industry and trade". On February 5, 2018, EHEC was established. EHEC has inherited the main business, assets, qualifications, systems, personnel and other resources of the former China National Erzhong Group Co. Ltd. It is the core manufacturing division of SINOMACH-HE, and the wholly-owned subsidiary of SINOMACH-HE.

After reorganization, EHEC will be availed to the support of SINOMACH which has 28 national class research institutions, over 70 overseas service agencies and relying on the "science, industry and trade" flagship platform of SINOMACH as well as an international sales and marketing network covering more than 140 countries. Thus, EHEC will inevitably develop into a first-class high-end equipment R & D and manufacturing enterprise.

As for its capacity of product research, design and manufacturing, EHEC has a national-recognized technical center, an engineering laboratory and a post-doctoral station. It is equipped with over 6600 facilities with 160MN open-die forging press as the most representative equipment. With these advanced and sophisticated facilities, EHEC is able to yield 900 tons of molten steel, 700 tons of steel ingots, 550 tons of castings and 400 tons of forgings in one production cycle. It is also capable of providing complete equipment for metallurgical industry, complete sets of castings and forgings for nuclear power, hydropower and thermal power industries, as well as nuclear power vessels, petrochemical equipment, heavy transmission parts and key technical equipment manufacturing services according to domestic, international and customized standards, levels and specifications.

For over 60 years, EHEC has provided nearly 3 million tons of major technical equipment for industries relating to national economy and defense, such as metallurgy, mining, energy, transportation, automobile, petrochemistry, aviation and aerospace. In this way, it has greatly enhanced its strength in technical research and accumulated rich experiences in service. Moreover, it has been playing a significant and irreplaceable role in the course of localizing the major technical equipment in China.

EHEC will conscientiously implement the spirit of the 19th National Congress of the Communist Party of China, the Second and Third Plenary Sessions of its 19th Central Committee, and unswervingly follow the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era. On the basis of the inheritance and promotion of the fine tradition and cultural gene of the enterprise, it will earnestly implement the overall development strategy of

协调、绿色、开放、共享的发展理念，以推进供给侧结构性改革为主线，以促进可持续高质量发展为中心任务，内涵式发展与外延式发展相结合，集约式管控与专业化板块运营相结合，加快实现建设成为一流大型装备制造企业的发展目标。

SINOMACH, and firmly establish the innovative, coordinated, green, opening and shared development concepts. It will focus on advancing supply-side reform of structure and promote sustainable and high-quality development as the central task to accelerate the achievement of development goal of the first-class large-scale equipment manufacturing enterprise in combination of connotative development and extensive development, as well as intensive control and specialized plate operation.

设计领域 Design Field

二重装备拥有重型机械设计研究院、大型铸锻件研究所、工艺研究所、重型压力容器与核电技术研究所，具备较强的高端装备成套设计能力。

在冶金设备领域，60年来，二重装备为国内80%以上的钢铁冶金企业设计制造过冶金装备。从舞阳4200mm的“功勋轧机”到本世纪最先进的宝钢湛江2250热连轧机成套设备，二重装备逐步形成了在热带钢连轧机、冷轧机、中厚板轧机、有色金属轧机等多个设备领域的自主设计制造、合作设计制造的技术优势，正在从国内一流的冶金设计设备制造企 业向世界一流的冶金设备设计制造企业稳步前进。二重装备热连轧成套技术水平处于国内先进地位，具备550mm—2300mm常规热连轧生产线机械、流体设备自主设计制造能力和电气设备集成能力；中厚板成套技术水平处于国内先进地位，具备2450mm—5500mm中厚板生产线机械、流体设备的自主设计制造能力和电气设备的集成能力；二重装备在冷连轧机设备关键设备设计和制造能力方面居于国内领先水平，具备全线设备自主设计制造的能力，并且通过山东瑞丰1420mm酸轧联合机组的总包项目后，具备了冷连轧项目EPC总包能力；在有色金属轧制设备方面，为西南铝设计制造的4300mm宽厚板铝热轧生产线，是目前世界上为数不多的大规格宽厚板铝板轧机，是国内第一条自主设计、具有自主知识产权的宽厚板热轧生产线，已具备了有色金属轧制项目EPC总包能力。

在通用设备领域，二重装备在引进、消化、吸收德国重型锻压设备设计制造技术的基础上，拥有EXY型、EMY型热模锻压力机、平锻机、棒料剪、辊锻机、闭式双点压力机、曲轴扭拧机、精整液压矫直机等热模锻产品及其辅机共七个系列71个品种及相关机械手的设计制造技术，自主设计

Erzhong (Deyang) Heavy Equipment Co.,Ltd. (referred to as EHEC hereinafter), relying on its own Heavy Machinery Design & Research Institute, Heavy Castings & Forgings Research Institute, Equipment Manufacture Process Research Institute, and Heavy Pressure Vessels & Nuclear Power Technology Research institute, possesses strong capabilities in high-end package equipment design and engineering. In the field of metallurgical equipment, over the past 60 years, EHEC have designed and manufactured various metallurgical equipment for over 80% of the domestic iron and steel metallurgical enterprises. From Wuyang 4200mm "Outstanding Performance" rolling mill to Zhanjiang 2250 hot strip mill for Baosteel, the most advanced package equipment of its kind in this century, EHEC has gradually built up its technical advantages of both independent and collaborative design and manufacture of hot strip rolling mill, cold rolling mill, medium and heavy plate rolling mill, and non-ferrous metal rolling mill, etc.. Being the top metallurgical equipment designer and manufacturer in China, the company is steadily making its way to become the top metallurgical equipment designer and manufacturer all over the world. EHEC is taking the lead position in the technology of hot strip rolling mill in China, and it possesses the capability of independent design and manufacture of machinery and fluid equipment as well as integration of electrical equipment for 550mm-2300mm conventional hot strip rolling mill production line. The company owns advanced technology of medium and heavy plate rolling mill design and manufacture in China and it possesses the independent design and manufacture ability of machinery and fluid equipment for 2450mm-5500mm medium and heavy plate equipment production line as well as the integration ability of electrical equipment. EHEC is taking the lead position in design and manufacture of key equipment for cold strip rolling mill in China. It has the ability of independent design and manufacture of equipment for the entire production line. Through the EPC project experience of 1420 mm acid rolling mill for Shandong Ruifeng, the company has the capability to undertake EPC contracts for cold strip rolling projects. In non-ferrous metal rolling mill design and manufacture, the 4300mm wide and thick plate hot rolling line designed and manufactured for Southwest Aluminum is the first large-sized wide and thick plate hot rolling mill in the world, and the first independently designed product of its kind with its own intellectual property rights in China. The company has the capability to undertake EPC contracts for non-ferrous metal rolling projects.

In the field of general purpose equipment, by introducing, interpreting and absorbing the design and manufacture technology of heavy forging equipment from Germany, EHEC now has hot die forging products

制造了以 160MN 自由锻造水压机、60/80MN 快速自由锻造油压机为代表的自由锻造液压机，以世界最大 800MN 大型模锻油压机、200MN 多向模锻油压机为代表的模锻液压机。

在传动设备领域，二重装备是国内规模最大、产品覆盖面最广的传动设备设计基地，设计制造了冶金、风电、船用、石油、水泥、电力等各类十字万向接轴、鼓型齿接轴、齿轮箱、联轴节、主轴、升船机齿条、蜗轮副、海洋平台蜗轮减速机、海洋平台主减速机、压力泵、水压试验机、高压管汇等设备，多项产品填补国内空白，替代进口，受到用户的赞誉和好评。在设计、研发和制造等多方面与重庆大学机械传动国家重点实验室、西安交通大学、四川大学、上海交大、胜利油田等单位建立了长期的合作关系。公司产品广泛用于冶金、矿山、锻压、建材、造船、能源、轻工等领域，获国家、省部级优秀设计产品奖 18 项，52 项专有技术获国家发明专利，制定国家相关标准 10 余项。

在压力容器和核电领域，二重装备以压力容器和 ASME 核电产品的设计、制造、研发为主体，具有 A1 级、A2 级、SAD 级压力容器设计资质，具有 ASME U、U2 压力容器设计资质，具有 ASME N、NS 的设计资质。压力容器产品设计涵盖炼油、乙烯、煤化工、海洋军工、模块化撬装装置、特种材料领域、船用低温设备等众多领域。主要设计产品为加氢反应器、热高压分离器、循环氢脱硫塔、冷高压分离器、高压反应釜、深海试验压力筒等。

and auxiliary machines, such as EXY and EMY hot die forging press, flat forging press, bar shear, roll forging machine, closed double point press, crankshaft twisting machine, and finishing hydraulic straightening machine, etc in 71 product varieties under seven series, as well as the related manipulator design and manufacturing technology. The company has independently designed and manufactured 160MN free forging hydraulic press, 60/80MN fast free forging hydraulic press, representing its capability of the free forging hydraulic press design and manufacturing, as well as the world's largest 800MN large-scale die forging hydraulic press, and 200 MN multi-direction die forging hydraulic press, representing its capability of die forging hydraulic press design and manufacturing.

In transmission equipment design and manufacturing, EHEC is the largest design base of transmission equipment in China with the widest product coverage. It has designed and manufactured various kinds of cross universal joints, drum-shaped gear joints, gear box, coupling, spindle, ship lift rack, worm gear pair, offshore platform worm speed reducer, offshore platform main speed reducer, pressure pump, water pressure test tube machine, high pressure manifold and other equipment for different industries such as metallurgical, wind power, marine, petroleum, cement, and electric power, and many of those products have filled the domestic gap and replaced imports, gaining good feedback and reputation from clients. The company has established long-term cooperation with the National Key Laboratory of Mechanical Transmission of Chongqing University, Xi'an Jiaotong University, Sichuan University, Shanghai Jiaotong University, and Shengli Oilfield in equipment design, research and manufacturing. The products of the company are widely used in such fields as metallurgy, mining, forging and pressing, building materials, shipbuilding, energy and light industry, with obtaining of 18 prizes in provincial level excellent design product, 52 items of special technologies were granted national invention patent. Moreover, over 10 related national standards had been formulated.

In the pressure vessel and nuclear power field, EHEC takes the design, manufacturing and R&D of the pressure vessel and ASME nuclear power product as the central pillar, having the design qualifications for Class A1, A2 and SAD pressure vessels, design certificates for ASME U and U2 pressure vessels and ASME N and NS pressure vessels. The design of pressure vessel product covers numerous fields, such as oil refining, ethylene, coal chemical industry, marine military industry, module-type skid mounted equipment, special material and marine low temperature equipment. The major designed products include hydrogenation reactor, thermal high pressure separator, circulating hydrogen desulfurization tower, cold high pressure separator, high pressure reactor kettle, deep sea test pressure barrel etc.

联系人及联系方式 Contact Person and Information

联系人：董涛

地址：中国四川德阳

邮编：618000

电话：+86-0838-2341638 +86-0838-2343389

传真：+86-0838-2343219

邮箱：ehcjs@erzhong-heavy.com

Contact person: Dong Tao

ADD: Deyang Sichuan China

P.C.: 618000

Phone (office): +86 (country code)-0838-2341638

+86 (country code)-0838-2343389

Fax: +86 (country code)-0838-2343219

E-mail: ehcjs@erzhong-heavy.com

1. 风力发电增速机

1.Speed-up gearbox for wind power generation



1.5MW 风机设计评估证书

Design assessment of 1.5MW wind turbine gearbox



2.0MW 风机设计评估证书

Design assessment of 2.0MW wind turbine gearbox

主要业绩

Major Achievements

二重装备具备 1.5MW、2.0MW 大型风力发电增速机设计和制造技术，设计制造了 1.0MW、1.5MW、2.0MW、2.5MW、6MW 等多种机型的风机齿轮箱，其中，2.0MW 通过了 DNV GL 齿轮箱 A 级认证，1.5MW 通过了 CCS 设计评估。已成为我国最大的大型风电增速机和风机主轴制造基地。

EHEC possesses the design and manufacture technology of 1.5MW and 2.0MW wind power speed-up gearbox for large scale wind turbine. The gearboxes of wind turbine with multiple types of 1.0MW, 1.5MW, 2.0MW, 2.5MW, 6MW and others were designed and manufactured, among which, the 2.0MW type has passed the Grade A certification of DNV GL gear box, and 1.5 MW type has passed the CCS design assessment. EHEC is the biggest manufacture base of speed-up gearbox and main shaft for large scale wind turbine all over the country.

主要案例

Main Achievements



2.0MW 风电增速机

Speed-up gearbox for 2.0 MW wind turbine



1.5MW 风力发电增速机

Speed-up gearbox for 1.5MW wind turbine

2. 特种设备设计许可证（压力容器）和 ASME 核电产品设计许可证 2. Special Equipment Design License(Pressure Vessel) and ASME Nuclear Electrical Product Design License



特种设备设计许可证（压力容器）
Design licence for special equipment (pressure vessel)



ASME U 压力容器设计资质证书
Certificate of ASME U Pressure Vessel Design Qualifications



ASME U2 压力容器设计资质证书
Design Certificate of ASME U2 Pressure Vessels



ASME N 的设计资质证书
Certificate of Design for ASME N Products

主要业绩

Major Achievements

1、腾龙芳烃（漳州）有限公司 316 万吨 / 年加氢裂化装置加氢反应器和高压设备设计。

2、山东久利化工有限公司 20 万吨 / 年白油项目加氢反应器和高压容器设计。

3、河南宇天化工有限公司 30 万吨 / 年煤焦油加氢精制加工工程加氢反应器和换热器设计。

4、中石化西南油气分公司元坝气田 17 亿立方米 / 年天然气地面集输工程撬装装置火炬分液罐设计。

5、四川晟达化学新材料有限公司 100 万吨 / 年 PTA 装置加氢反应器设计。

6、中石油宝鸡石油机械有限责任公司深水模拟试验项目试验舱设计。

7、汉邦（江阴）石化有限公司 PTA 技改扩能项目 PTA 装置加氢反应器设计。

8、四川盛马化工股份有限公司 100 万吨 / 年汽柴油加氢精制装置改质升级加氢反应器设计。

9、重庆市中工新材料有限公司 1000L 高压反应釜设计。

10、中核武汉核电运行技术股份有限公司主泵水力部件静压试验装置设计。

11、腾龙芳烃（翔鹭）石化有限公司凝析油加氢装置凝析油加氢反应器设计。

12、盛虹炼化（连云港）有限公司盛虹炼化一体化项目 320 万吨 / 年柴油加氢裂化装置加氢反应器及高压设备设计。

1.The hydrogenation reactor of hydrocracking device and high pressure equipment design of Dragon Aromatics(Zhangzhou) Co.,Ltd with annual capacity of 3.16 million tons/year.

2.The hydrogenation reactor and high pressure vessel design for the technical white oil project of Shandong Jiu Li Chemical Co.,Ltd with annual capacity of 200 thousand tons/year.

3.The hydrogenation reactor of hydrotreating process engineering and heat exchanger design for coal tar of Henan Yu Tian Chemical Co.,Ltd with annual capacity of 300 thousand tons/year.

4. The design of flare separation tank , namely the skid mounted equipment of natural gas surface gathering and transfer engineering for Yuanba Gas Field of Sinopec Southwest Oil Gas Company with annual capacity of 1.7 billion cubic meters/year.

5.The hydrogenation reactor of PTA device of Sichuan Shengda Chemical New Material Co.,Ltd with annual capacity of 1 million tons/year.

6.The test chamber design for the deep-water simulation test project of CNPC Baoji Oilfield Machinery Co.,Ltd.

7.The design of hydrogenation reactor, namely the PTA device of PTA technical innovation and capacity expansion project of Hanbang(Jiangyin)Petrochemical Co.,Ltd.

8. The design of hydrogenation reactor for quality improving and upgrading of gasoline and dieselhydrotreating device of Sichuan Shengma Chemical Industry Co.,Ltd with annual capacity of 1 million tons/year.

9.1000L high pressure reactor kettle design of Chongqing Zhong Gong New Material Co.,Ltd

10. The design of static pressure testing device, namely the main pump hydraulic power parts of China Nuclear Power Operation Technology Corporation, LTD.

11. The design of condensate oil hydrogenation reactor for the condensate oil hydrogenation device of Dragon Aromatics(Xiang Lu) Chemical Engineering Co.,Ltd.

12. The design of hydrogenation reactor and high pressure equipment for the diesel hydrocracking device of Shenghong refining integration project with annual capacity of 3.2 million tons/year of Shenghong (Lian Yun Gang) Refining & Chemical Co.,Ltd.

主要案例 Main Achievements



腾龙芳烃加氢反应器
Hydrogenation Reactor of Dragon Aromatics



河南宇天反应器
Henan Yutian Reactor



山东久利加氢反应器
Shandong Jiu Li Hydrogenation Reactor



四川晟达 PTA 溶解加氢反应器
Sichuan Shengda PTA Dissolved Hydrogenation Reactor



元坝撬装装置火炬分液罐
Flare Separation Tank of Yuanba Skid Mounted Equipment

中国第二重型机械集团德阳万航模锻有限责任公司

CHINA NATIONAL ERZHONG GROUP DEYANG WANHANG DIE FORGING CO., LTD.

公司名称：中国第二重型机械集团德阳万航模锻有限责任公司
Company Name: CHINA NATIONAL ERZHONG GROUP DEYANG WANHANG DIE FORGING CO., LTD.

中国二重是我国重要的研制生产大型航空航天锻件的骨干企业。五十多年来，完成了国家多种型号飞机和发动机配套件的新材料、新工艺和新产品的研制任务，并累计提供了 50 多万件配套模锻件。

中国二重自主设计、制造、安装的 800MN 大型模锻压机是世界上锻造能力最强的锻造设备。800MN 大型模锻压机生产线的建成，也使得我们跻身于世界锻造强国之林。800MN 大型模锻压机生产线压机能力配置合理，生产效率高，可实现产品大型化、整体化、精细化，满足产品质量稳定性和一致性的需求，标志着我国具备了世界上最大最强的钛合金、超高强度钢、高温合金、铝合金、粉末合金等高性能材料精密模锻件的研制生产能力，可为航空、航天、船舶、能源等领域提供大型模锻件。

China Erzhong is one of the most important R&D bases of the die forgings for aircraft. Over the past fifty years, China Erzhong has finished every research and producing task in terms of new materials, new processes and new products for our country's military aircraft and engines, totally supplied more than 500,000 die forgings for fighter planes.

800MN Hydraulic Press which was designed, manufactured and installed independently by China Erzhong is the largest press in forging capacity in the world, and also promote China to be one of the great power countries in forging area. The press production line is equipped well with high production efficiency. It can manufacture large, integrated and precise forgings with high quality stability and process consistency. The 800MN press indicates that our country has the ability to develop and manufacture the precise die forgings of high performance materials, such as titanium alloy, ultra-high strength steel, high temperature alloy, aluminum alloy and powder alloy for aerospace, aviation, ship and energy industries.

联系人及联系方式

Contact Person and Information

电 话：+86-0838-2342276

Phone (office): +86 (country code)-0838-2342276

出口业绩

Export performance

与法国赛峰起落架公司和空客公司、德国利勃海尔公司、美国 UTC 公司及英国罗罗公司等国外多家国际知名的飞机及发动机制造商建立了沟通和业务交流平台。截至目前，已有 7 项赛峰（空客机型）起落架产品进入批产，还有多项起落架锻件、机身结构件及旋转类锻件正在积极开展商务报价、技术准备及商务洽谈工作。而且法国赛峰起落架公司已将中国二重作为其“全球大锻件战略供应商”。

Business communications have been established with the world famous plane and engine manufacturer such as SAFRAN, Airbus, LIEBHERR, UTC, Rolls-Royce, etc.. Up to now, 7 landing gear parts have been massively produced for Safran (Airbus Aircrafts). Currently, supplier audit, technical process preparation and business negotiation for some landing gear forgings, airframe structure forgings and engine disk forgings are under processing actively. SAFRAN Landing System of France has positioned China Erzhong as its "Global Strategic Supplier of Large Forgings".

资质证书

Qualification certificate



大型航空模锻件研制团队当选“2017年度国防科技工业十大创新人物（团队）”

"Top Ten Innovation Team of Defense Science & Technology Industry, 2017" has awarded to the R&D Team of Large Aviation Forgings

主要案例 Main Achievements



800MN 大型模锻压机
800MN die forging press



C919 大型客机首飞先进集体
Team of Excellence for the Maiden Flight of C919



超高强度钢起落架锻件
Landing gear forging of ultrahigh strength steel



高温合金涡轮盘锻件
Turbine disk forging of super alloy



钛合金缘条锻件
Titanium die forging frame part

中国浦发机械工业股份有限公司

China Perfect Machinery Industry Co., Ltd.

公司名称：中国浦发机械工业股份有限公司

Company Name: YTO Group Corporation

所属企业

中国能源工程集团有限公司

中国空分工程有限公司

中机联合投资发展有限公司

China Energy Engineering Group Co., Ltd.

China National Air Separation Engineering CO., LTD.

China Machinery United Investment Co., Ltd.

1992年10月，原机械电子工业部响应中央号召，与上海市在“部市共建，开发浦东”的大背景下，全国各省市机械工业厅局及企业共200余家共同出资组建成立了中国浦发机械工业股份有限公司（以下简称中国浦发）。1997年中央部委体制改革以后，中国浦发隶属于国机集团，国机集团所占股比54.15%。中国浦发依托上海的区位优势，充分发挥在机械行业中的影响，经过二十多年的辛勤耕耘，现已拥有17家控股子公司，职工总人数近2000人，其中工程技术人员占比超过60%，实现了总公司、子公司同步协调发展的混合所有制结构模式。公司主营业务涉及电力、化工、环境保护、基础设施建设等国内外工程设计及总承包，大宗商品及机电成套设备进出口贸易，以及商业地产和工业园区资产运营，年营业收入超过百亿元。中国浦发将秉持包容创新、开拓共赢的精神，以做强做优国有企业为使命，继续努力打造以资产经营为统领、以工程建设为主线、以贸易和金融服务为协同的平台化资产经营公司，成为国内一流的综合服务企业，为同行者创造价值。

In October 1992, in response to the central call, the former Ministry of Mechanical and Electronic Industry and Shanghai jointly established Pufa Machinery Industry Co., Ltd. (hereinafter referred to as Pufa China) under the background of "co-construction of ministries and municipalities and development of Pudong". After the reform of the central ministries and commissions in 1997, China perfect belongs to the State Machinery Group, which accounts for 54.15% of the shares. Relying on Shanghai's location advantages, China perfect has fully exerted its influence in the machinery industry. After more than 20 years of hard work, it has 17 holding subsidiaries and nearly 2000 employees. Among them, more than 60% are engineers and technicians. It has realized the mixed ownership structure of synchronous and coordinated development of headquarters and subsidiaries. Pattern. The company's main business involves engineering design and general contracting of power, chemical industry, environmental protection and infrastructure construction at home and abroad, import and export trade of bulk commodities and mechanical and electrical equipment, as well as assets operation of commercial real estate and industrial parks, with annual operating revenue exceeding 10 billion yuan. China perfect will uphold the spirit of inclusive innovation, pioneering and win-win development, with the mission of strengthening and excelling state-owned enterprises as its mission, continue to strive to build a platform asset management company with asset management as its leadership, project construction as its main line, and trade and financial services as its synergy. China perfect will become a first-class comprehensive service enterprise in China and create for its peers. Value.

联系人及联系方式

Contact Person and Information

联系人：施旸

电话：021-61397700-687

Contact person: SHI YANG

Phone: 021-61397700-687

资质证书 Qualification certificate



建筑行业（建筑工程）甲级
Class a of construction industry (Construction Engineering)



化工石化医药行业（化工工程、石油及化工产品储运）专业
甲级；环境工程（水污染防治工程）专项甲级
Chemical, petrochemical and pharmaceutical industry (Chemical Engineering, petroleum and chemical product storage and transportation) professional class A; Environmental Engineering (water pollution prevention and Control Engineering) special class A

主要案例 Major Cases



白俄罗斯钾盐综合体项目
Belarus potash complex project



连云港荣泰化工储罐项目
Rongtai chemical storage tank of Lianyungang



西安高新咖啡街区拓展建设 EPC 项目
Xi'an coffee district development and construction EPC project

甘肃蓝科石化高新装备股份有限公司

Lanpec Technologies Limited

公司名称：甘肃蓝科石化高新装备股份有限公司

Company Name: Lanpec Technologies Limited

蓝科高新主要从事石油钻采机械、炼油化工设备、海洋与沙漠石油设备和工程、中小型炼油化工和天然气处理及液体回收工程、轻工与食品机械的研究、设计、开发、制造及石油钻采机械和炼油化工设备的性能测试与评定、石油和石油化工及其装备的先进计算机软件引进与开发、技术咨询及相关工程设计、工程总承包与施工、制造的监理、监造等工作。

蓝科高新拥有国家主管部门颁发的 A1、A2、A3、SAD 级特种设备（压力容器）设计许可证和 A1、A2、A3 特种设备（压力容器）制造许可证、GB/GC 类特种设备（压力管道）设计许可证、ASME 制造许可证、乙级工程设计和工程总承包资格证书、“三位一体”管理体系（质量、环境、职业健康安全）认证证书、进出口企业资格证书、对外经济合作经营资格证书、出口产品质量体系认证证书、海洋开发工程专项设计资格证书等重要资格证书 27 项。

蓝科高新长期为国家编制有关石油机械工业的发展规划，从“六五”到“十二五”时期为国家编制重大规划 42 项。由蓝科高新主持和组织编制的经国家批准的石油化工设备国家和行业标准 80 余类 400 余项。

LANPEC's mainly engaged in the petroleum drilling machinery; the refining and petrochemical engineering equipment; the offshore and desert petroleum equipment and engineering; the project of petroleum refining and chemical engineering, natural gases treatment and liquid recovery; the research, development, design and manufacture of light industry and food machinery; the performance test and assessment on the petroleum drilling machinery and the refining chemical equipment; the related computer software introduction, development and technology consultation for purpose of the petroleum and petrochemical engineering and the attached equipment; and the relevant engineering design and general contracting, construction, manufacture supervision, construction surveying, etc.

LANPEC owns 27 major qualification certificates issued by the State competent departments, such as the classes A1, A2, A3 and SAD Design certificates and Manufacturer certificates of Special Equipment (pressure vessel), the GB/GC Class Design Permit of Special Equipment (pressure piping), the ASME Manufacturer certificate, the U Certificate, the Class II Engineering Design and Engineering Consulting Certificate, the Management System (Quality, Environment and Occupational Health and Safety) Authentication Certificate, Import and export enterprises qualification certificates, foreign economic cooperation qualification certificates, export product quality system certification, offshore development project engineering qualification certificates etc.,.

LANPEC prepares the long-term development plan for the national petroleum machinery industry. During 6th to 12th Five-Year Plan, LANPEC prepared 42 major national plans. There are over 400 national and industry standards in petroleum chemical equipment were organized & issued by Lanpec Technologies Limited.

联系人及联系方式

Contact Person and Information

联系人：张玉福

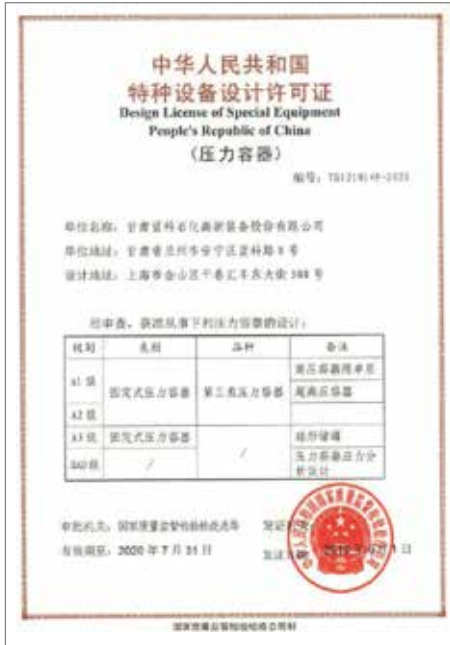
电 话：13919159702

Contact person: Zhang Yufu

Phone: 13919159702

资质证书 Qualification certificate

一、国内



1. 容器设计



2. 管道设计

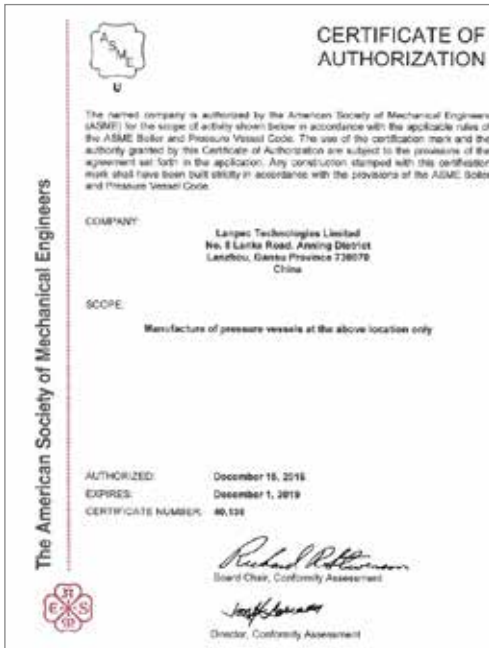


3. 容器制造



4. 管道安装

二、国外



ASME U

三、检验资质



1. 特种设备综合检验机构核准证



2. 实验室认证

主要业绩

Major Achievements

第一部分：炼化设备

压力容器 Pressure Vessels						
序号 No	日期 Date	用户名称 Name of Client	产品名称 Name of Item	规格 Spec	设计压力 (MPa) Design Pressure	设计温度 (°C) Design Temperature
1	2001	乌鲁木齐石化公司 Urumchi Petrochemical Co.	重整进料换热器 CCR Feed Heat Exchanger	DN2200	0.75/0.51	505/540
2	2004.01	苏丹喀土穆炼油有限公司 Sudan Khartoum Refinery Company Limited	重整进料 / 产物换热器 CCR Feed/Effluent Exchanger	DN1700	0.72/0.63	475/538
3	2006.04	刘家峡化肥厂 Liujiapia Fertilizer Plant	气体换热器 Gas Heat Exchanger	DN1400	6.2/6.2	275/250
4	2007.03	中石化福建炼化有限公司 Sinopec Fujian Petrochemical Company Limited	重整进料换热器 CCR Feed Heat Exchanger	DN3500	0.95/0.6	505/525
5	2007.11	乌鲁木齐石化公司 Urumchi Petrochemical Co.	异构化进料换热器 Isomerization Feed Heat Exchanger	DN3200	1.55/1.4	415/465
6	2007.12	上海石油化工股份有限公司 Shanghai Petrochemical Company Limited	异构化反应进出料换热器 Isomerization Reactions Feed/ Effluent Heat Exchanger	DN3000	1.55/1.4	410/455
7	2008.01	上海石油化工股份有限公司 Shanghai Petrochemical Company Limited	重整进料换热器 CCR Feed Heat Exchanger	DN2900	0.94/0.57	525/549
8	2008.01	乌鲁木齐石化公司 Urumchi Petrochemical Co.	歧化反应进出料换热器 Disproportionation Reactions Feed/ Effluent Heat Exchanger	DN2500	3.95/3.95	505/505
9	2008.01	中石化金陵分公司 Sinopec Jinling Petrochemical Company Limited	歧化反应进出料换热器 Disproportionation Reactions Feed/ Effluent Heat Exchanger	DN2300	4.07/4.07	505/505
10	2010.03	哈萨克斯坦炼油厂 Kazakhstan Refinery	重整进料换热器 CCR Feed Heat Exchanger	DN2100	2.8	530/288
11	2010.12	500万吨 / 年炼油扩能改造工程 500WT/a Refinery Expansion and Upgrading Project	反应流出物 / 混合进料换热器 Reaction Effluents/Mixed Feed Heat Exchanger	DN1100	12.59/11.34	360/425
12	2010.12	500万吨 / 年炼油扩能改造工程 500WT/a Refinery Expansion and Upgrading Project	反应流出物 / 低分油换热器 Reaction Effluents/Low Oil Heat Exchanger	DN1000	9/11.24	230/270
13	2010.12	500万吨 / 年炼油扩能改造工程 500WT/a Refinery Expansion and Upgrading Project	精制柴油 / 原料油换热器 Refining Diesel/Raw Oil Heat Exchanger	DN1000	10.11/12.71	249/185
14	2003.07	乌石化化肥厂 Urumchi Petrochemical Fertilizer Plant	第二合成回路蒸汽发生器 The Second Synthesis Loop Steam Generator	DN880	13.8/15.86	359/495/477
15	2001.09	渭河化肥厂 Weihe Fertilizer Plant	2# 中压蒸汽过热器 2#Medium-Pressure Steam Superheater	DN1000	14.9/4.8	478/450
16	2011.02	唐山东海钢铁集团 Tangshan Donghai Iron And Steel (Group) Co., Ltd	1000m3 氧气球罐 1000m3 Oxygen Spherical Tank	1000m3	2.625	-19/25
17	2011.03	韩城盈达气体有限公司 Hancheng Angda Gas Co., Ltd	1000m3 氮气球罐 1000m3 Nitrogen Spherical Tank	1000m3	2.625	-19/56
18	1998.03	大连石化公司 Dalian Petrochemical Co.	8000m3 LPG 球罐 8000m3 LPG Spherical Tank	8000m3	0.79	-19/50
19	2012.03	山东金正大生态有限公司 Shandong Kingenta Ecological Engineering Co., Ltd	3000m3 液氨球罐 3000m3 Liquid Ammonia Spherical Tank	3000m3	2.16	-19/50
20	2011.07	建水曲燃工业输配有限公司 Jianshui Industry Distribution Co., Ltd	2500m3 LNG 球罐 2500m3 LNG Spherical Tank	2500m3	0.66	-196/50

21	2012.04	内蒙古庆华集团有限公司 Inner Mongolia Qinghua Group	5000m3 液氨球罐 5000m3 Liquid Ammonia Spherical Tank	5000m3	0.79	-19/50
22	2012.05	青海盐湖镁业有限公司 Qinghai Salt Lake Magnesium Co., Ltd	2000m3 乙烯球罐 2000m3 Ethylene Spherical Tank	2000m3	2.16	-67/50
23	2018.4	中国石油（土库曼斯坦）阿姆河天然气公司 China Petroleum(Turkmenistan) Amu Darya Gas Company	三甘醇贫富液换热器 (TEG lean and rich liquid heat exchangers)	Φ1800X500X1000	1.0	220
24	2018.9	河北盛腾化工有限公司 Hebei Shengteng Chemical Co. LTD	苯乙烯贫富吸收剂换热器 Styrene lean and rich liquid heat exchangers	Φ3200X600X1000	2.1	240
25	2019.6	上海孚宝港务有限公司 Shanghai Fubao Port Management Co., LTD	丙烯腈尾气换热器 Acrylonitrile exhaust heat exchanger	Φ2000X600X800	1.0	100
26	2019.6	中海石油宁波大榭石化有限公司 Cnocc Ningbo Daxie Petrochemical Co. LTD	空气预热器 Air preheat exchangers	Φ13000X5200X3000	0.010	200
27	2016.4	利津石油化工厂有限公司 Lijin Petroleum Chemical Plant Co. LTD	重整进料换热器 CCR Feed Heat	DN2300	0.95/0.6	505/549
28	2016.6	中国石油乌鲁木齐石化公司 China Petroleum Urumqi Petrochemical Company	重整进料换热器 CCR Feed Heat Exchange	DN2400	0.75/0.51	505/540
29	2016.11	山东垦利石化集团有限公司 Shandong Kali Petrochemical Group Co., Ltd.	歧化进料换热器 Disproportionation feed heat exchanger	DN1700	3.22/2.86	467/526
30	2018.1	中国石油化工股份有限公司北京燕山分公司 China Petroleum & Chemical Corporation Beijing Yanshan Branch	重整进料换热器 CCR Feed Heat Exchange	DN3100	0.95/0.6	510/540
31	2016.7	山东华星石油化工有限公司 Shandong Huaxing Petrochemical Group Co., Ltd.	重整进料换热器 CCR Feed Heat Exchange	DN3400	0.794/0.51	515/549
32	2016.7	正和集团股份有限公司 Zhenghe Group Co., Ltd.	重整进料换热器 CCR Feed Heat Exchange	DN3400	0.95/0.6	520/550
33	2016	普光天然气净化厂 Puguang Natural Gas Purification Plant	废热锅炉 Waste Heat Boiler	DN6585/2712	4.7/	287/650
34	2017	钦州天亿石化有限公司 Qinzhou Tianyi Petrochemical Co., Ltd.	废锅 + 汽包 Waste Heat Boiler+Drum	DN2150	0.15/1.26	650/350
35	2017	钦州天亿石化有限公司 Qinzhou Tianyi Petrochemical Co., Ltd.	废锅 + 汽包 Waste Heat Boiler+Drum	DN2000	0.5/1.6	650/240
36	2018	宁夏和宁化学有限公司 Ningxia Hening Chemical Co. Ltd.	焚烧炉废热锅炉 Incinerator Waste Heat Boile	DN2300	0.52/3.5	1014/300
37	2019	中国石油辽阳石化分公司 PetroChina Liaoyang Petrochemical Company	转化气蒸汽发生器 Conversion Gas Steam Generator	DN1300/1400	3.14/4.84	850/276
38	2014	山西潞安矿业（集团）有限责任公司 Shanxi Zhaoan Mining(Group) Co., Ltd.	脱吸塔底重沸器 Desorption Tower Bottom Reboiler	DN1400	6.3	430

第二部分：海洋石油工程部分

压力容器 Pressure Vessels						
序号 No	日期 Date	用户名称 Name of Client	产品名称 Name of Item	规格 Spec	设计压力 (MPa) Design Pressure	设计温度 (°C) Design Temperature
1	2012	惠生（南通）重工有限公司 Wison (Nantong) Heavy Industry	三相分离器 Test Separator	Φ 1200 × 5000 (S/S) × 50	9.929	54
2	2011	四川石油管理局物资总公司 Sinopec	三相分离器 3-Phase Separators	Φ 2000 × 10000 (T/T) × (80+3)	12.0	100
3	2011	中海石油深海开发有限公司 CNOOC	入口干燥气洗涤器橇 Inlet Dry Gas Scrubber Skid	Φ 1600 × 4000 × (50+3)	9.7	66
4	2009	中国石油工程建设公司 CPECC	CPI 分离器 CPI Separator	Φ 3600 × 4000 × 3300 (t=16/12/6)	ATM	93
5	2007	康菲（中国）公司 ConocoPhillips	开式排放罐 CPI Separator	Φ 4000 × 2000 × 3100 × 20	ATM	-17 / 70
6	2006	康菲（中国）公司 ConocoPhillips	游离水分离器 Free Water Knock-out Drum	Φ 480x24400x (34+3)	1.56	121/-17
7	2003	中海石油（中国）有限公司 CNOOC	一级分离器 1st Stage Separator	Φ 4400x21200	0.85	100
8	2001	海洋石油工程股份有限公司 COOEC	试验分离器 Test Separator	Φ 6500 × 3000 × 4500	2.76	90
9	2008	中海石油深海开发有限公司 CNOOC	电脱水器 Dual polarity Electrostatic Dehydrator	Φ 600 × 12000 × 18	1.1	160
10	2006	中海石油（中国）有限公司 CNOOC	电脱水器 Dual polarity Electrostatic Dehydrator	Φ 3000 × 8000 × 16	0.95	110
11	2007	中国石油工程建设公司 CPECC	电脱水器 Dual polarity Electrostatic Dehydrator	Φ 2400 × 2800 × 16	0.8	95
12	2011	中海石油深海开发有限公司 CNOOC	冷液体换热器 Cold Liquid Heat-exchanger	BES1400-840-1.6 /1.1-2	8.3/1.35	250 / 250
13	2011	中石油伊拉克分公司 PetroChina Co.Ltd. Iraq Branch	油 - 油换热器 Oil-oil Heat-exchanger	BES1400-1030-1. 6/1.1-2	1.6/1.1	120
14	2010	中国石油工程建设公司 CPECC	换热器 Oil-oil Heat-exchanger	Φ 1000x6488x20	1.3	275
15	2009	中海石油（中国）有限公司 CNOOC	海水冷却器 Sea Water Cooler	Φ 900 × 3000 × 14	3.25	105
16	2010	中国石油工程建设公司 CPECC	污油罐及泵橇 Sump Tank	9612x2832x4700	70	80
17	2010	海洋石油工程股份有限公司 COOEC	排污罐 Sludge Tank	Φ 1600x4800x12	345	83
18	2007	海洋石油工程股份有限公司 COOEC	化学注入橇 Chemical Injection Package	7800 x 5900 x3540	2.70	5 0
19	2007	中海石油（中国）有限公司 CNOOC	化学注入橇 Chemical Injection Package	8272 x 3500 x3589	2.70	-17.2 / 65
20	2012	惠生（南通）重工有限公司 Wison (Nantong) Heavy Industry	生产 / 试验管汇 Production/Test Manifold	Φ 168	3 4.47	54.4
21	2006	中海石油（中国）有限公司 CNOOC	注水管汇 Water Injection Manifold	2900x1600x1685	18.6	79
22	1994	渤海石油公司 BOC	井口管汇 Wellhead Manifold	33' - 1"x14' - 0"x26"	21.4	115
23	2012	惠生（南通）重工有限公司 Wison (Nantong) Heavy Industry	低压清管器 LP Flowline Launcher/Receiver		9.93	48.9
24	2011	洛克石油（渤海）公司 Roc Oil (Bohai) Co.	清管球发射器 Pig Launcher	12"x4300/10"x1500	4	90
25	2009	中国石油工程建设公司 CPECC	清管球接收器 Pig Receiver	8 "x10"	0.9	85

中国联合工程有限公司

China United Engineering Corporation Limited

公司名称：中国联合工程有限公司
Company Name: China United Engineering Corporation Limited

中国联合工程有限公司是以原机械工业第二设计研究院为核心，联合多家国家甲级勘察设计单位组建的大型科技型工程公司，隶属于中央大型企业集团、世界 500 强企业——中国机械工业集团有限公司，总部设在杭州。

中国联合现有员工 5200 多人，专业技术人员占 95% 以上。曾在我公司工作过的中国工程院、中国科学院院士 7 人，全国工程勘察设计大师 7 人，现在职中国工程院院士 1 人、全国工程勘察设计大师 1 人、“新世纪百千万人才工程”国家级人选 1 人、享受国务院政府特殊津贴专家 92 人、具有高级技术职称的专家 1635 人（含正高级工程师 156 名），具有各类国家一级注册执业资格工程技术人员 1900 人次。公司具有工程设计综合甲级资质、工程造价甲级资质、建筑工程施工总承包壹级资质、工程监理综合资质；具有城乡规划编制甲级资质和多个专业的工程咨询甲级资信；具有特种设备设计许可；具有直接对外经营权。

作为我国最早组建的国家大型综合性设计单位之一，经过近七十年的纵横驰骋和市场竞争的风雨磨砺，公司服务领域早已从单一的机械行业扩展到建筑、电力、规划、市政等二十多个行业。服务方式也从工程设计向前后延伸到工程咨询、勘察、规划、建设监理、项目管理、项目代建、建筑施工、采购、试车和工程总承包等。公司为适应我国勘察设计业改革与发展新形势，不断调整业务结构，在继续做精做强设计咨询业务的同时，积极开拓工程总承包、项目管理和项目代建业务，大力提升 EPC 总承包能力，积极参与国际竞争。

多年来，公司遵循“与顾客共同创造价值”的经营理念 and “设计精湛，构筑经典，超越期望，追求卓越，生态和谐，节能降耗，绿色环保，创新发展；安全第一，预防为主，以人为本，综合治理”的管理方针，完成了 20000 多项工程；主编、参编国家、地方和行业标准、规范 100 余项；获得国家科技进步奖 28 项（一等奖 2 项）、国家级各类工程技术奖 100 多项、各类省部级奖 1000 多项。

公司连年被授予“重合同守信用”企业称号，获得

China United Engineering Corporation Limited is a large-scale scientific and technology company, its core division is the Second Design & Research Institute of the former Ministry of Machinery Industry. The corporation comprises many national Class A investigation and designing divisions, including the Third Design & Research Institute of the United Machinery Industry, the Eleventh Design & Research Institute of the United Machinery Industry (China United Northwest Engineering Design & Research Institute), China Jikan Geotechnical Institute, etc. The corporation belongs to a large state-owned industrial group reporting directly to the Central Government, and also a Top 500 enterprises-the China National Machinery Industry Corporation, which headquartered in Hangzhou.

CUC has over 5200 employees now, among which 95% are professional technical staffs. There once had been seven academicians from the Chinese Academy of Engineering and the Chinese Academy of Science and seven National Investigation and Designing masters who had worked in CUC. Staffs in service now including one academician from the Chinese Academy of Engineering, one National Investigation and Designing master, one specialist of the National "New Century Project of Thousands of Talents", 92 specialists enjoying the special government subsidy from the State Council, 1635 technical staffs with senior technical titles (including 156 professorate senior engineers), 1900 technical staffs own first-grade national registered engineering certificates of various different majors. CUC owns comprehensive certificates (Grade-A) of qualification for Engineering Design, Engineering Cost Consulting, General Contract Engineering Projects of Construction, comprehensive certificate of qualification for Project Supervision, comprehensive certificates (Grade-A) of qualification for Urban Planning, Multi-Industries Engineering Consulting, has license of Special Equipment Design, owns direct operation right of running and developing business.

As one of the earliest large state-owned comprehensive design enterprises, the business scope of CUC has been developed into over twenty industries of construction and power from the single mechanical industry through over 50 years of development and progress in difficulties. The service style also is expanded from engineering design to engineering consulting, investigation, planning, construction supervision, project management, building construction, procurement, trial run and general contract of project, etc. In recent years, to face the challenge after joining the WTO and fit for the new situation of the reform and development of the investigation and designing industry in China, the corporation regulates its business structure continuously. In addition to promote its consulting business, the corporation focuses

AAA 企业信用评定等级。在建设部对全国一万多家勘察设计单位综合实力和营业收入排名中，连年进入百强榜；在美国《工程新闻记录杂志》ENR 对中国工程设计企业 60 强的统计排名中，连年位于榜上前列。

公司将凭借强大的综合优势，竭诚为国内外业主提供各类工程建设全方位，全过程服务。



公司总部大楼
The headquarters mansion of CUC

on the development of general contract of the project and project management, improves its EPC capability greatly and takes active part in the international competition.

For many years, CUC follows the operation conception of "Create value for the client" and the quality policy of "Design consummation, construct classicality, exceed expectation and pursue excellence", completes over 20,000 projects; works out and take part in the establishment of over 100 national, local and industrial standards and specifications; obtains 28 awards of scientific & technological progress of China (two 1st rank awards), and over 100 awards of excellent engineering investigation and designing of China and over 1000 provincial awards. CUC is awarded with "contract abiding & trustworthy enterprise" in successive years, and obtains the enterprise credit assessment with grade of AAA; the corporation is listed in the top one hundred enterprises of over 10,000 investigation and designing enterprises selected by the Ministry of Construction based on their comprehensive strength and business income in successive years; and the corporation is listed in the top 60 engineering designing enterprises concluded by the American Magazine ENR in successive years.

CUC will depend on the comprehensive advantages, providing the owners with all kinds of construction projects at home and abroad all-round services to the entire process.



公司概况
Corporation Profile

联系人及联系方式

Contact Person and Information

联系人：钟震
联系电话：0571-88151964

Contact: Zhong Zhen
Phone: 0571-88151964

资质证书

Qualification certificate

公司具有工程设计综合甲级资质；具有多个行业的工程咨询甲级资信和工程造价咨询甲级资质；具有城乡规划编制甲级资质；具有施工图审查、压力管道等专项设计资质；具有工程总承包甲级、房屋建筑工程施工总承包一级、项目代建综合甲级、建设监理综合甲级资质；具有直接对外经营权。能为国内外业主提供各类工程的规划、咨询、勘察、设计、采购、设备成套、安装、试车、非标设备研制、建筑施工、工程总承包、项目管理、项目代建、招标代理、建设监理等工程建设全方位、全过程服务。

公司通过了质量、环境、职业健康安全管理体系认证，建立了完整的、多层次的管理体系文件，并在日常工作中持续有效运行。公司全体员工秉承质量、环境、职业健康安全方针，以专业和创新的服务，与顾客共同创造价值。多年的工程建设实践证明，公司的质量、环境、职业健康安全管理体系可以保证管理目标和客户利益的有效统一，为业主提供满意服务。

CUC has Qualification Certification of Comprehensive Engineering Design Grade A, Qualification Certificate of Engineering Consulting Grade A for many industries and Qualification Certificate of Engineering Consulting Grade A of Construction Cost Consulting, Qualification Certificate of Urban Planning Grade A, Qualification Certificate of Special Design Grade A of construction drawing examination, pressure pipeline, Qualification Certificate of General Project Contracting of General Contracting of Architecture Engineering and Construction Grade A, Qualification Certificate of Construction Supervision Grade A, and qualification of direct foreign business operation. The corporation will provide both domestic and oversea customers with comprehensive and whole process service for various engineering construction such as engineering planning, consulting, survey, design, procurement, equipment integration, installation, trial run, non-standard equipment research and fabrication, architecture construction, general contracting of engineering project, project management, construction supervision and so on.

CUC has passed the certification of ISO 9001 Quality Management System covering engineering design, engineering consulting and general contracting of engineering project and OHSAS 18001 Occupational Health & Safety Management System. It has established integrated and multiple management system documents which work constantly and effectively in the daily operation. All staff of the company follow quality guideline "delicate design, classic construction, exceeding expectation, and pursuing excellence and create value with customers by professional and innovative service. The engineering construction practice of many years proves that the quality management system of CUC can ensure the unification of quality target and customer benefit and enable the company to provide satisfying service to owners.



营业执照
Business license



工程设计综合甲级资质
Class A qualification of comprehensive engineering design



工程造价咨询甲级资质
Class A qualification of engineering cost consultation



城乡规划编制甲级资质
Class A qualification of the urban and rural planning



工程咨询甲级资信
Class A credit of engineering consulting



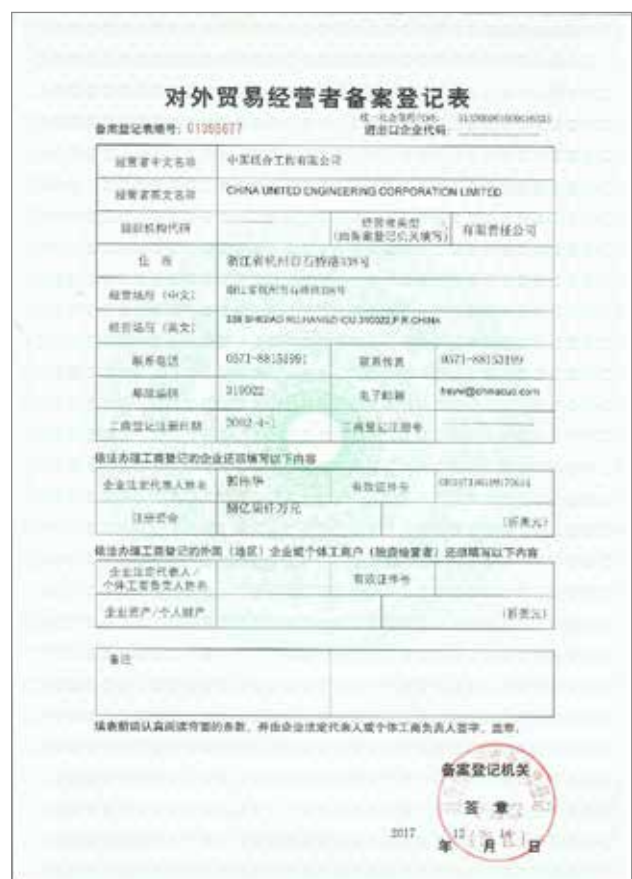
工程监理甲级资质
Engineering supervision class A qualification



质量、环境、职业健康安全管理方针
Quality, environmental, occupational health and safety policy



工程勘察乙级资质
Engineering survey class B qualification



对外贸易经营者备案登记表
The Registration Form for Foreign Trade Manager



质量管理体系认证证书
Quality management system certificate



环境管理体系认证证书
Environment management system certificate



职业健康安全管理体系认证证书
Occupational health and safety management system certificate

主要业绩

Major Achievements

1、工业工程

Industrial engineering

- | | |
|---|--|
| 1.1 东方汽轮机有限公司灾后异地重建工程
Reconstruction of Dongfang Steam Turbine Co.,Ltd. | 1.14 大型水泵试验台
Large Pump Test Bench |
| 1.2 哈尔滨锅炉厂大型电站锅炉制造技术改造工程
The Boiler Manufacture Technique Innovation Engineering Project of Haerbin Boiler Factory | 1.15 大型压缩机试验台
Large Compressor Test Bench |
| 1.3 中国二重集团镇江出海口基地
Heavy Equipment Plant Seaport Base of China National Erzhong Group Co., | 1.16 南方电网特高压工程技术（广州）国家工程实验室
South Electricity Net Super High-voltage Engineering (Guangzhou) National Engineering Lab |
| 1.4 中信重工机械股份有限公司重型热处理工部建设项目
Severe Heat Treatment Industry Building Project of CITIC Heavy Machinery Co.,Ltd. | 1.17 中外运上海冷链物流项目
Sinotrans Shanghai Cold Chain Logistics Project |
| 1.5 沈阳鼓风机（集团）有限公司新厂区
The New Factory of Shenyang Blast Fan (Group) Co.,Ltd. | 1.18 青岛青特众力车桥有限公司自动化立体库
The Automated Library of Qingdao Qingte Zhongli Axle Co.,Ltd. |
| 1.6 山东大海集团有限公司太阳能硅片生产项目
Solar Silicon Production Project of Shandong Dahai Group Co.,Ltd. | 1.19 郑州航空港实验区进口肉类指定口岸建设项目（首期）
Zhengzhou Port Pilot Area Import Meat Designated Port Construction Project (First Phase) |
| 1.7 北人印刷机械股份有限公司新厂区
New Factory Area of Beiren Printing Machinery Co.,Ltd. | 1.20 神华宁夏煤业集团 400 万吨年煤炭间接液化示范项目大件组装厂
4,000,000 tons/year Indirect Coal Liquefaction Demonstration Project Large Assembly Plant of Shenhua Ningxia Coal Industry Group |
| 1.8 台州立马电动车科技有限公司年产 100 万辆电动车建设项目
An Annual Output of 1 Million Electric Cars Construction Projects of Taizhou Lima Electric Vehicle Technology Co.,Ltd. | 1.21 安徽金星预应力工程技术有限公司机器人上下料系统
Anhui Jinxing Prestressing Engineering Technology Co.,Ltd. Robot Loading and Unloading System |
| 1.9 格力电器重庆生产基地
The Chongqing Production Base of Gree | |
| 1.10 河北承德露露股份有限公司
Hebei Chengde Lolo Co.,Ltd. | |
| 1.11 上海勃林格殷格翰药业有限公司
Boehringer Ingelheim Shanghai Pharmaceuticals Co.,Ltd. | |
| 1.12 中国核动力研究设计院华阳基地综合试验大厅
Nuclear Power Institute of China Huayang Base Comprehensive Test Hall | |
| 1.13 沈鼓集团 AP1000 核泵试验台
AP1000 Nuclear Pump Test Bench of Shenyang Blower Group | |

2、工业装备

Industrial equipment

- | |
|---|
| 2.1 上海锅炉厂 30m × 7.5m × 8.5m 大型全纤维热处理炉
30m × 7.5m × 8.5m Large Size Whole Fiber Heat Processing Furnace of Shanghai Boiler Factory |
| 2.2 东方电机厂三峡水电站大型水轮机转轮整体热处理炉
Overall Heat Treatment Furnace Project of Runner of The Large-scale Water Turbine in Sanxia Hydropower Station of Dongfang Electric Engine Company |
| 2.3 上海电气临港重型装备基地 350t 超速动平衡试验室
The 350t High Speed Dynamic Balance Station of Shanghai Electric Lingang Heavy Equipment Base |
| 2.4 哈尔滨锅炉厂超超临界锅炉管屏整体高温固溶热处理生 |

产线

Overall High Temperature Solid Solution Heat Treatment Production Line of The Supercritical Boiler Panel of Harbin Boiler Company Ltd.

2.5 蓄热式台车加热炉群

Regenerative Heating Furnace of Taiyuan Heavy Industry Co.,Ltd.

2.6 立式旋转开合式电阻热处理炉和立式旋转开合喷淋淬火装置

Vertical Revolve Retractable Resistance Heat Furnace & Vertical Revolve Retractable Spray Quenching Device

2.7 上海华普汽车发动机装配线

The Automotive Engine Assembly Line of Shanghai Maple

2.8 汽车前处理电泳线

Auto E-coating Line

2.9 陕西延长中煤榆林能源化工有限公司热动力站 4 × 320th 锅炉烟气脱硝 EPC 项目

Shanxi Yanchang National Coal Yulin Energy Chemical Company Thermal Power Station 4 × 320th Boiler Flue Gas Denitrification EPC Project

2.10 威研所 -120t 粘土砂处理系统 CSR

Qishuyan Institute Co.,Ltd. -120t Clay Sand Treatment System

2.11 高档家电板彩涂线（年产 20 万吨）

Superior Appliance Surface Plate Coating Line (ann.200,000 tons)

2.12 核电主泵测试站

Nuclear Pump (RCP) Test Loop

3、能源与环境工程

Energy and environmental engineering

3.1 中化泉州石化项目动力站 EPC 总承包

EPC of The Power Station of Sinochem Quanzhou Petrochemical Co.,Ltd

3.2 神华集团公司榆神工业区清水煤化学工业园动力供应与高纯净净气体项目动力中心 EPC 总承包

EPC of Power Supply & High-Purity Gas Project Power Center for Shenhua Group Yushen Coal Chemical Industry Park

3.3 攀枝花垃圾焚烧发电工程项目

Panzhihua Waste Incineration Power Generation Project

3.4 湖州市餐厨垃圾资源化和无害化处理项目

Huzhou Kitchen Waste and Garbage Treatment Projects

3.5 洋山港风能综合利用发电项目

Yanshan Port Wind Energy Comprehensive Utilization Power Cogeneration Project

3.6 洋山港太阳能综合利用发电项目

Yanshan Port Solar Energy Comprehensive Utilization Power Cogeneration Project

3.7 温州经济技术开发区污泥综合利用热电工程（一期），工业固废资源综合利用项目（三期）

Wenzhou Economic and Technological Development Zone Comprehensive Utilization of Sludge Thermal Power Project (First Phase), Industrial Solid Waste Comprehensive Utilization of Resources Projects (Third Phase)

3.8 连云港晨兴环保产业有限公司垃圾干化项目

Lianyungang Chenxing Environmental Protection Industry Co.,Ltd. Waste Disposal Project

3.9 胜利油田燃气 - 蒸汽联合循环项目

Shengli Oil Field Gas-Steam Combined Cycle Project

4、民用建筑

Civil architecture

4.1 杭州国际会议中心

Hangzhou International Conference Center

4.2 杭州大厦

Hangzhou Mansion

4.3 杭州凯德来福士广场

Raffles City, Hangzhou

4.4 杭州新天地杭州之门

The Door Hangzhou of Hangzhou Xintiandi

4.5 杭州博地世纪中心

Hangzhou Bodi Century Center

4.6 宁波鼓楼公园路商业步行街（仿古建筑）

Ningbo Drum-tower Road Commercial Walking Street (archaized building)

4.7 上海喜来登酒店（五星）

Sheraton Hotel of Shanghai (five-star)

4.8 中电海康集团总部基地

Construction Project for Cethik S Headquarters

4.9 杭州仓前恒生科技园
Hangzhou Cangqian Hundsun Science and Technology Park

4.10 厦门香山国际游艇俱乐部训练中心
Xiamen (Amoy) Xiangshan International Yacht Club Training Center

4.11 杭州电子科技大学新校区
Hangzhou Electronic Technology University, New Campus

4.12 建兰中学
Jianlan High/Middle School

4.13 大河造船厂工业遗存保护（运河国际旅游综合体一期）工程
The Protection of Industrial Heritage in The Great River Shipyard (the First Phase) of the Grand Canal International Tourism Complex Project

4.14 中国人民解放军第四一三医院
PLA the 413 Hospital

4.15 杭州龙湖春江彼岸
Longfor Spring River Shore House, Hangzhou

4.16 杭州万科西溪蝶园
Vanke West Brook Butterfly Garden, Hangzhou

4.17 中海钱塘山水
Zhonghai Qiantang Scenery, Hangzhou

4.18 杭州保利江语海
Poly River & Sea Residence, Hangzhou

4.19 杭州坤和和家园御园
Canhigh Domestic Garden, Hangzhou

4.20 江苏昆山东森花园
Jiangsu Kunshan Dongsun Garden

4.21 融信杭州公馆
Rongxin Hangzhou Mansion

4.22 杭州城北体育公园体育馆群
The Gymnasium Custer in the PE Park of Northern Hangzhou City

5、城市规划与市政工程 Urban planning and municipal engineering

5.1 滨江区沿江天际线设计

Detailed Planning for Skyline Along the River in Binjiang District, Hangzhou City

5.2 缙云县多规合一规划
Four-planning United in Jinyun County

5.3 山东即墨童装小镇规划设计
Planning for Children Clothing Town in Shandong Province

5.4 浙江省遂昌县西城控制性详细规划
The Regulatory Plan of West Suichang, Zhejiang Province

5.5 遂昌县低丘缓坡开发东城龙板山区块一期工程
The Hilly Slope Development Projects of Suichang Longbanshan Block

5.6 开元路（规划路 - 北环西路）道路及管廊工程
Kaiyuan Road & Underground Pipe Gallery Project

5.7 遂昌上南门隧道
Shang Nan Men Tunnel in Suichang County

5.8 西安南舍大桥
Nanshe Bridge in Xi'an City

5.9 遂昌县龙板山污水处理厂
Sewage Treatment Plant of Long Ban Shan in Suichang County

5.10 杭州地铁机场轨道快线
Hangzhou Metro Airport Railway Express

5.11 温岭市东部新区金塘中路等五条市政工程及海绵城市设计
The City Sponge for the Jingtang Road Design in Easrern District, Wenling City

6、工程总承包与项目管理 EPC and project management

6.1 浙江美术馆
Zhejiang Arts Museum

6.2 梦想小镇配套多功能中心
Dream Town Supporting the Exhibition Center

6.3 梦栖小镇建机厂改造工程（世界设计大会会址）
Mengqi Small Town Construction Plant Renovation Project (World Design Conference Site)

6.4 德清芯片科技大楼工程
Deqing Chip Technology Building Project

- 6.5 杭州下城启正实验学校
EPC Project of Qizheng Middle School in Xiacheng District, Hangzhou
- 6.6 下城区环城西路（庆春路—体育场路）景观及立面提升工程
Scenic Design for Huangchengxi Road (Blocks Between Qingchun Road—Tiyuchang Road) in Xiacheng District
- 6.7 遂昌县第二污水处理厂 EPC 工程
Suichang the Second Sewage Treatment Plant EPC Project
- 6.8 杭州市滨江医院
Hangzhou Binjiang Hospital
- 6.9 杭州萧山区瓜沥镇文体中心工程
Hangzhou Guali Town Xiaoshan District Sports Center Project
- 6.10 杭州联合银行总部大楼
Headquarter of Hangzhou United Bank
- 6.11 杭州杭氧股份有限公司迁扩建工程
Relocation and Renovation Project of Hangzhou Oxygen Plant Group Co.,Ltd.
- 6.12 杭州松下家用电器有限公司
Hangzhou Matsushita Home Appliance Co.,Ltd.
- 6.13 杭州市东部 LNG 应急气源站项目
Hangzhou LNG Emergency Gas Station Project
- 6.14 国家物质储备仓库上海七处异地改扩建工程
Seven Renovation Projects of the State Reserved Materials Warehouse in Shanghai
- 6.15 国家成品油储备库湖南一五四处改扩建工程
Extension Project of Hunan 154 Plot of National Oil Reserve Base
- 6.16 年组装 2 万套数字设备工程超大型孵化产业园 EPC 总承包项目
Annual Assembly of 20,000 Sets of Digital Equipment Project EPC for super large incubator Industrial Park
- 6.17 杭州未来科技城学术交流中心
Hangzhou Future Sci-Tech City Academic Exchange Center
- 6.18 良渚遗址保护与监测中心
The Preservation and Monitor Center of Liangzhu Heritage Sites

7、建设监理

Construction supervision

- 7.1 时代大厦

Times Building

- 7.2 杭州钱江国际时代广场

Hangzhou Qianjiang International Time Square

- 7.3 萧山区 4000 吨日污泥处理工程项目

Xiaoshan 4,000 Tons of Sludge Treatment Project

- 7.4 杭州西湖隧道

Hangzhou Xihu Tunnel

8、岩土工程

Geotechnical engineering

- 8.1 杭州市拱宸桥防撞墩设置工程岩土工程勘察（水上钻探）

Hangzhou Gongchen Bridge Anti-collision Pier Set Up Engineering Geotechnical Reconnaissance (Water Drilling)

- 8.2 浙江特色小镇——湖州丝绸小镇创意产业园一期工程基坑围护设计

Zhejiang Characteristic Town—Phase I Project of Huzhou Silk Town Creative Industry Park

- 8.3 杭州市市民中心 S1、S2 地下车库基坑监测

Foundation Pit Monitoring of S1、S2 Underground Garage in Hangzhou Citizen's Center

- 8.4 杭州湾跨海大桥桩基检测

Hangzhou Bay Bridge Bridge Detection

9、国际业务

International Business

- 9.1 印度尼西亚 T JAWAR AWAR 2 × 350MW 电厂

Indonesia T.J.AWAR AWAR 2 × 350MW Power Plant Project

- 9.2 哥伦比亚 G3.1 和 G3.2 发电厂

Columbia GECELCA 3.1 & GECELCA 3.2 Power Plant

- 9.3 土耳其 SIRNAK 2 × 135MW CFB 电厂

SIRNAK 2 × 135MW CFB Thermal Project Plant in Turkey

- 9.4 苏丹吉里电厂

Sudan Garri Power Plant

- 9.5 泰国南隆米厂热电站（燃砻糠）

Thailand Nanlong Rice Factory Cogeneration Power Station (rice chaff-fired)

- 9.6 日本川崎重工大型喷抛丸设备

A Large Spray Shot Equipment of Japan's Kawasaki Heavy Industries

9.7 智利马士基公司集装箱涂装线
The Container Coating Line of MAERSK, Chile

9.8 委内瑞拉保障性用房建设总承包项目
Project Contract for The Construction of 4512 Housing Units, Urban
Planning, and Utilities Infrastructure in Anzoategui and Nueva
Esparta

9.9 利比亚扎维亚市 4000 套住宅建设项目
The 4000 Houses Construction Projects in Zawiyah, Libya

9.10 乌干达共和国外交部大楼

The Office Building of Foreign Affair Ministry of Republic Uganda

9.11 东帝汶民主共和国外交部大楼
The Building of Ministry of Foreign Affair of East Timor

9.12 纳米比亚议会大厦
The Parliament Building of Namibia

9.13 援科特迪瓦文化宫升级改造工程
Upgrading and Reconstruction of the Cultural Palace of the Ivory
Coast

主要案例 Major Cases



东方汽轮机有限公司灾后异地重建工程
Reconstruction of Dongfang Steam Turbine Co.,Ltd.



哈尔滨锅炉厂大型电站锅炉制造技术改造工程
The Boiler Manufacture Technique Innovation Engineering Project of Haerbin Boiler Factory



中国二重集团镇江出海口基地
Heavy Equipment Plant Seaport Base of China National Erzhong Group Co.,



沈阳鼓风机（集团）有限公司新厂区
The New Factory of Shenyang Blast Fan (Group) Co.,Ltd.



中信重工机械股份有限公司重型热处理工部建设项目
Severe Heat Treatment Industry Building Project of CITIC Heavy Machinery Co.,Ltd.



山东大海集团有限公司太阳能硅片生产项目
Solar Silicon Production Project of Shandong Dahai Group Co.,Ltd.



北人印刷机械股份有限公司新厂区
New Factory Area of Beiren Printing Machinery Co.,Ltd.



台州立马电动车科技有限公司年产 100 万辆电动车建设项目
An Annual Output of 1 Million Electric Cars Construction Projects of Taizhou
Lima Electric Vehicle Technology Co.,Ltd.



格力电器重庆生产基地
The Chongqing Production Base of Gree



河北承德露露股份有限公司
Hebei Chengde Lolo Co.,Ltd.



上海勃林格殷格翰药业有限公司
Boehringer Ingelheim Shanghai Pharmaceuticals Co.,Ltd.



中国核动力研究设计院华阳基地综合试验大厅
Nuclear Power Institute of China Huayang Base Comprehensive Test Hall



沈鼓集团 AP1000 核泵试验台
AP1000 Nuclear Pump Test Bench of Shenyang Blower Group



大型水泵试验台
Large Pump Test Bench



大型压缩机试验台
Large Compressor Test Bench



南方电网特高压工程技术（广州）国家工程实验室
South Electricity Net Super High-voltage Engineering (Guangzhou) National Engineering Lab



中外运上海冷链物流项目
Sinotrans Shanghai Cold Chain Logistics Project



青岛青特众力车桥有限公司自动化立体库
The Automated Library of Qingdao Qingte Zhongli Axle Co., Ltd.



郑州航空港实验区进口肉类指定口岸建设项目（首期）
Zhengzhou Port Pilot Area Import Meat Designated Port Construction Project (First Phase)



神华宁夏煤业集团 400 万吨年煤炭间接液化示范项目大件组装厂
4,000,000 tons/year Indirect Coal Liquefaction Demonstration Project Large Assembly Plant of Shenhua Ningxia Coal Industry Group



安徽金星预应力工程技术有限公司机器人上下料系统
Anhui Jinxing Prestressing Engineering Technology Co., Ltd. Robot Loading and Unloading System



上海锅炉厂 30m × 7.5m × 8.5m 大型全纤维热处理炉
30m×7.5m×8.5m Large Size Whole Fiber Heat Processing Furnace of Shanghai Boiler Factory



东方电机厂三峡水电站大型水轮机转轮整体热处理炉
Overall Heat Treatment Furnace Project of Runner of The Large-scale Water Turbine in Sanxia Hydropower Station of Dongfang Electric Engine Company



上海电气临港重型装备基地 350t 超速动平衡试验室
The 350t High Speed Dynamic Balance Station of Shanghai Electric Lingang Heavy Equipment Base



哈尔滨锅炉厂超超临界锅炉管屏整体高温固溶热处理生产线
Overall High Temperature Solid Solution Heat Treatment Production Line of The Supercritical Boiler Panel of Harbin Boiler Company Ltd.



蓄热式台车加热炉群
Regenerative Heating Furnace of Taiyuan Heavy Industry Co.,Ltd.



立式旋转开合式电阻热处理炉和立式旋转开合喷淋淬火装置
Vertical Revolve Retractable Resistance Heat Furnace & Vertical Revolve Retractable Spray Quenching Device



上海华普汽车发动机装配线
The Automotive Engine Assembly Line of Shanghai Maple



汽车前处理电泳线
Auto E-coating Line



陕西延长中煤榆林能源化工有限公司热动力站 $4 \times 320\text{th}$ 锅炉烟气脱硝 EPC 项目
Shanxi Yanchang National Coal Yulin Energy Chemical Company Thermal Power Station $4 \times 320\text{th}$ Boiler Flue Gas Denitrification EPC Project



威研所 -120t 粘土砂处理系统 CSR
Qishuyan Institute Co.,Ltd. -120t Clay Sand Treatment System



高档家电板彩涂线 (年产 20 万吨)
Superior Appliance Surface Plate Coating Line (ann.200,000 tons)



核电主泵测试站
Nuclear Pump (RCP) Test Loop



中化泉州石化项目动力站 EPC 总承包
EPC of The Power Station of Sinochem Quanzhou Petrochemical Co.,Ltd



神华集团公司榆神工业区清水煤化学工业园动力供应与高纯
洁净气体项目动力中心 EPC 总承包
EPC of Power Supply & High-Purity Gas Project Power Center for Shenhua
Group Yushen Coal Chemical Industry Park



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Project



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Shengli Oil Field Gas-Steam Combined Cycle Project



杭州国际会议中心
Hangzhou International Conference Center



杭州凯德来福士广场
Raffles City, Hangzhou



杭州大厦
Hangzhou Mansion



杭州新天地杭州之门
The Door Hangzhou of Hangzhou Xintiandi



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Hangzhou Bodi Century Center



中电海康集团总部基地
Construction Project for Cethik'S Headquarters



杭州仓前恒生科技园
Hangzhou Cangqian Hundsun Science and Technology Park



宁波鼓楼公园路商业步行街（仿古建筑）
Ningbo Drum-tower Road Commercial Walking Street (archaized building)



上海喜来登酒店（五星）
Sheraton Hotel of Shanghai (five-star)



厦门香山国际游艇俱乐部训练中心
Xiamen (Amoy) Xiangshan International Yacht Club Training Center



杭州电子科技大学新校区
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中国人民解放军第四一三医院
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Zhonghai Qiantang Scenery, Hangzhou



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Canhigh Domestic Garden, Hangzhou



江苏昆山东森花园
Jiangsu Kunshan Dongsan Garden



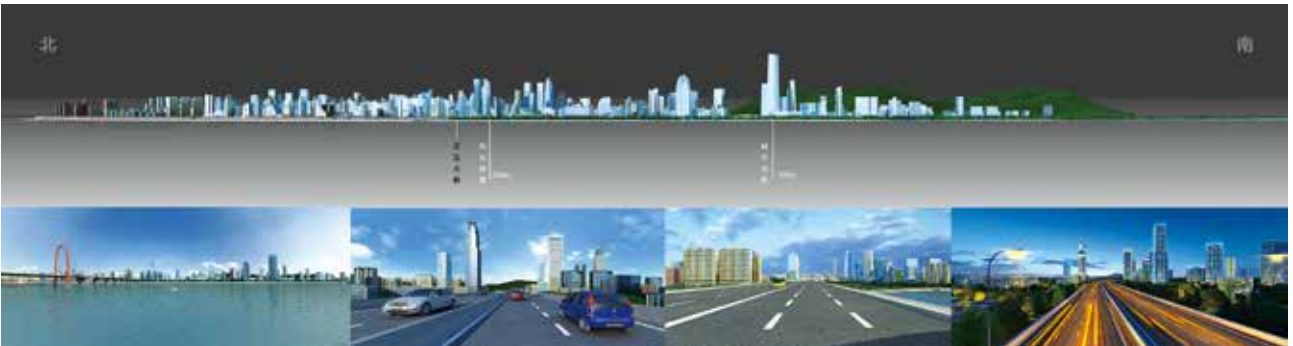
融信杭州公馆
Rongxin Hangzhou Mansion



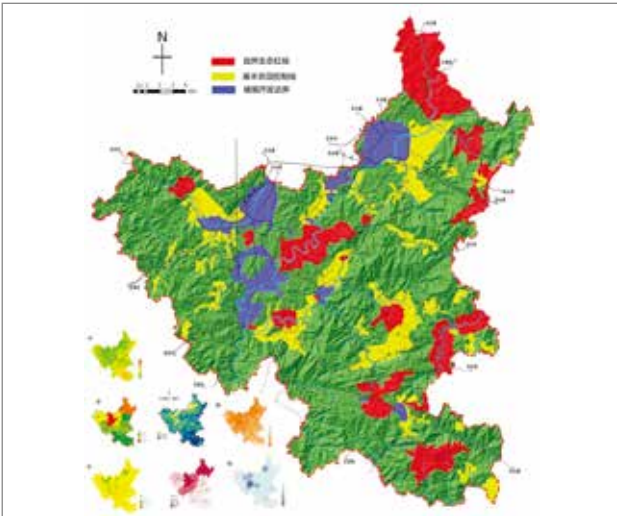
杭州城北体育公园体育馆群
The Gymnasium Cluster in the PE Park of Northern Hangzhou City



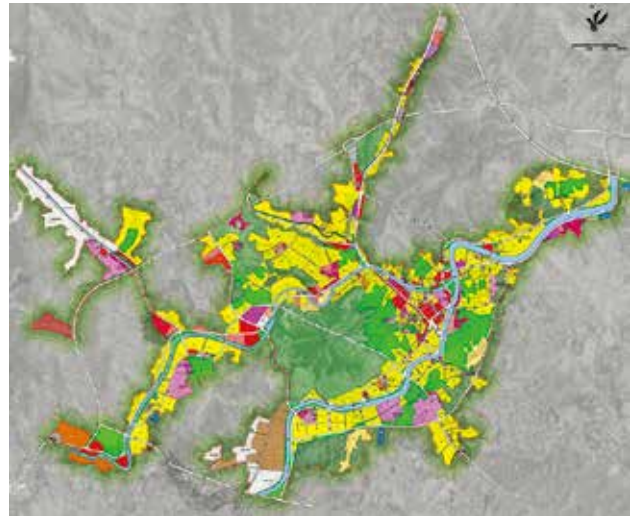
山东即墨童装小镇规划设计
Planning for Children Clothing Town in Shandong Province



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Detailed Planning for Skyline Along the River in Binjiang District, Hangzhou City



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Four-planning United in Jinyun County



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The Regulatory Plan of West Suichang, Zhejiang Province



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The Hilly Slope Development Projects of Suichang Longbanshan Block



开元路（规划路－北环西路）道路及管廊工程
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遂昌上南门隧道
Shang Nan Men Tunnel in Suichang County



遂昌县龙板山污水处理厂
Sewage Treatment Plant of Long Ban Shan in Suichang County



西安南舍大桥
Nanshe Bridge in Xi'an City



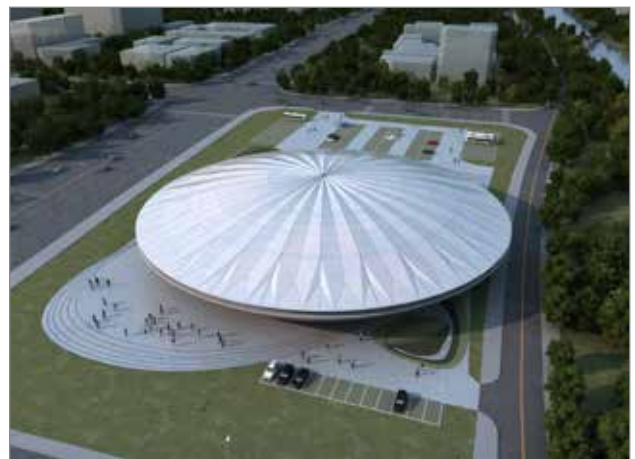
杭州地铁机场轨道快线
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Dream Town Supporting the Exhibition Center



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Scenic Design for Huangchengxi Road (Blocks Between Qingchun Road—Tiyuchang Road) in Xiacheng District



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Suichang the Second Sewage Treatment Plant EPC Project



杭州市滨江医院
Hangzhou Binjiang Hospital



杭州萧山区瓜沥镇文体中心工程
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杭州杭氧股份有限公司迁扩建工程
Relocation and Renovation Project of Hangzhou Oxygen Plant Group Co., Ltd.



杭州联合银行总部大楼
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时代大厦
Times Building



杭州钱江国际时代广场
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Xiaoshan 4,000 Tons of Sludge Treatment Project



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Hangzhou Xihu Tunnel



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哥伦比亚 G3.1 和 G3.2 发电厂
Columbia GECELCA 3.1 & GECELCA 3.2 Power Plant



土耳其 SIRNAK 2 × 135MW CFB 电厂
SIRNAK 2x135MW CFB Thermal Project Plant in Turkey



苏丹吉里电厂
Sudan Garri Power Plant



泰国南隆米厂热电站（燃砻糠）
Thailand Nanlong Rice Factory Cogeneration Power Station (rice chaff-fired)



日本川崎重工大型喷抛丸设备
A Large Spray Shot Equipment of Japan's Kawasaki Heavy Industries



智利马士基公司集装箱涂装线
The Container Coating Line of MAERSK, Chile



委内瑞拉保障性用房建设总承包项目
Project Contract for The Construction of 4512 Housing Units, Urban Planning, and Utilities Infrastructure in Anzoategui and Nueva Esparta



利比亚扎维娅市 4000 套住宅建设项目
The 4000 Houses Construction Projects in Zawiyah, Libya



乌干达共和国外交部大楼
The Office Building of Foreign Affair Ministry of Republic Uganda



东帝汶民主共和国外交部大楼
The Building of Ministry of Foreign Affair of East Timor



援科特迪瓦文化宫升级改造工程
Upgrading and Reconstruction of the Cultural Palace of the Ivory Coast



纳米比亚议会大厦
The Parliament Building of Namibia

合肥通用机械研究院有限公司

Hefei General Machinery Research Institute Co., Ltd.

公司名称：合肥通用机械研究院有限公司
Company Name: Hefei General Machinery Research Institute Co., Ltd.

合肥通用机械研究院有限公司 1956 年成立于北京，1969 年搬迁至合肥，1999 年转制为科技型企业，是原国家机械部直属的多专业综合性的国家一类科研院所，现隶属于中国机械工业集团有限公司。主要从事石油、化工、能源、冶金、燃气、环保、国防军工等行业通用机械、化工设备的设计开发、产品研制、工程承包、设备成套、检测检验、设备及工程监理等。科研工作覆盖压力容器与管道安全工程技术、储运装备、特种金属材料设备、压缩机、风机、泵、阀门、密封、过滤与分离机械、高压水射流、制冷空调与环境控制技术、石油装备、包装机械及科普装备等专业领域。

合肥通用机械研究院始终致力于科技创新，以高新技术和高新产品研发为动力，不断发展壮大，现已成为集科研开发、工程承包、产品生产、检测检测、职业教育五为一体的科技创新型企业，努力为促进社会和谐发展，建设创新型工业化国家做出新的更大贡献。

Hefei General Machinery Research Institute was founded in Beijing in 1956, relocated to Hefei in 1969 and turned to a science and technology enterprise through enterprise transformation in 1999. It is a multidiscipline comprehensive national class A scientific research institute under jurisdiction of the former Ministry of Machinery Industry and now is subordinate to China National Machinery Industry Corporation. It is mainly engaged in design and development and engineering supervision etc, of general machinery and chemical equipment for petrochemical industry, energy, metallurgy, gas, environment protection, national defense industries, etc. The scientific research and development work covers such fields as safety engineering technology of pressure vessels and pipelines storage and transportation equipment, special metallic material equipment, compressors, blowers, pumps, valves, seals, filtration and separation machinery, high pressure waterjet equipment, refrigerating and air conditioning and environmental control technology, petroleum equipment, packaging machinery, scientific popularization equipment, etc.

Always being devoted to scientific and technical innovation and taking the R & D of high-tech products as its drive, Hefei General Machinery Research Institute is growing stronger and stronger and now has become an innovation-oriented enterprise with integration of scientific research and development, project contracting, product manufacturing, inspection and testing as well as vocational education and is striving to make new and greater contribution to promoting harmonious development of the society and building an innovation-oriented industrialized country.

设计领域 Design Field

压力容器设计、机械行业设计、建筑行业设计、轻型钢结构工程设计。

The design of pressure vessel, mechanical industry, construction industry, light steel construction engineering .

联系人及联系方式 Contact Person and Information

联系人：江慧丰
联系电话：0551-65335431
传真：0551-65312185

Contact: Jiang Huifeng
Phone: 0551-65335431
Fax: 0551-65312185

一、特种设备设计许可证（压力容器） Design License of special equipment (Pressure vessel)



可进行高压容器、超高压容器、第三类低中压力容器、球形储罐、汽车储罐、罐式集装箱的设计及压力容器(SAD)的分析设计。

The design of high-pressure vessel, super high pressure vessel, the third class low- medium pressure vessel, spherical storage tank, vehicle storage tank and tank container can be performed as well as the analysis design of pressure vessel (SAD).

主要案例 Major Cases



中煤榆林 20 台球罐设计
The design of 20 spherical tanks for China Coal Shanxi Yulin Energy and Chemical Co., Ltd.



宁波海越新材料有限公司储运罐区 41 台球罐设计
The design of 41 spherical tanks for Ningbo Haiyue New Material Co., Ltd.



浙江石油化工有限公司 4000 万吨 / 年炼化一体化项目一期工程 140 万吨 / 年乙烯装置塔设备
Tower equipment of 1.4 million tons/year ethylene facility, 40 million tons/year refining and chemical integration project of Zhejiang petrochemical co., LTD., phase 1 project



扬子巴斯夫公司固定管板式循环气冷却器
Fixed tube-sheet type circulating gas cooler of Yangzi petrochemical-basf co. LTD



茂名石化公司发夹式高压换热器
Hairpin-type high pressure heat exchanger of Sinopec Maoming Petrochemical Company



(20MPa~50MPa 级) 系列快开装置 CO₂ 高压萃取釜
A Series of (20MPa~50MPa) quick opening devices for high pressure CO₂ extraction kettle



高压高效紧凑式 PCHE 型换热器
High-pressure and high-efficiency compact Printed Circuit Heat Exchanger



广州高澜节能有限公司试验系统大型闭式循环风洞 - 水换热系统
Large closed loop wind tunnel-water heat exchange system of Guangzhou Goaland Energy Conservation Tech Co., Ltd



缠绕管换热器
Spiral-wound Tube Heat Exchanger



高温超高压反应釜，酸性氨热法生长高质量、大尺寸氮化镓单晶衬底的核心设备
High Temperature and Ultra High Pressure Reactor, Core Equipment for High Quality and Large Size GaN Single Crystal Substrates Produced by Acidic Ammonia Thermal Process



中国航空工业集团公司沈阳空气动力研究所“高压气源系统高压储气罐及配套系统”
High Pressure Gas Storage Tank and Its Matching System for High Pressure Gas Source System, Shenyang Institute of Aerodynamics, China Aviation Industry Group Corporation



贵州航天乌江机电设备有限责任公司高压萃取釜
High Pressure Extraction Vessel, Wujiang Electrical and Mechanical Equipment Co., Ltd. CASIC

主要业绩

Major Achievements

- 1、中煤榆林 20 台球罐设计
The design of 20 spherical tanks for China Coal Shanxi Yulin Energy and Chemical Co., Ltd.
- 2、宁波海越新材料有限公司储运罐区 41 台球罐设计
The design of 41 spherical tanks for Ningbo Haiyue New Material Co., Ltd.
- 3、浙江石油化工有限公司 4000 万吨 / 年炼化一体化项目一期工程 140 万吨 / 年乙烯装置塔设备
Tower equipment of 1.4 million tons/year ethylene facility, 40 million tons/year refining and chemical integration project of Zhejiang petrochemical co., LTD., phase 1 project
- 4、LDPE 装置 35MPa 高压换热器
35MPa high pressure heat exchanger of LDPE facility
- 4.1 扬子巴斯夫公司固定管板式循环气冷却器
Fixed tube-sheet type circulating gas cooler of Yangzi petrochemical-basf co. LTD
- 4.2 茂名石化公司发夹式高压换热器
Hairpin-type high pressure heat exchanger of Sinopec Maoming Petrochemical Company
- 5、(20MPa~50MPa 级) 系列快开装置 CO₂ 高压萃取釜
A Series of (20MPa~50MPa) quick opening devices for high pressure CO₂ extraction kettle
- 6、高压高效紧凑式 PCHE 型换热器
High-pressure and high-efficiency compact Printed Circuit Heat Exchanger
- 7、西安热工研究院有限公司 5MW 超临界二氧化碳发电试验平台 高温 / 低温回热器 5MW supercritical carbon dioxide cycle power test platform high temperature recuperator/ low temperature recuperator, Xi'an Thermal Power Research Institute
- 8、缠绕管换热器
Spiral-wound Tube Heat Exchanger
缠绕管式换热器成功应用于煤制烯烃、煤制乙二醇、煤制油、煤制天然气、煤制氢等煤化工领域，开拓应用于 LNG 气化和处理、加氢裂化及加氢精制、重整及歧化和异构化、常减压、烯烃催化裂化、聚丙烯、空分、乙烯、甲烷化、丙烷脱氢、水处理、制药、电站、以及船舶和海洋平台等领域，业绩已逾千台。
STHE have been applied to Coal to olefin, coal to ethylene glycol, coal to oil, coal to natural gas, coal to hydrogen, and developed in following domains, LNG gasification and treatment, hydrocracking and hydrotreating, reforming and disproportionation and isomerization, atmospheric and vacuum distillation, olefin catalytic cracking, polypropylene, air separation, ethylene, methanation, propane dehydrogenation, water treatment, pharmaceuticals, power plants, marine platforms, with outstanding achievement exceeded 1000 units.
- 9、广州高澜节能有限公司试验系统大型闭式循环风洞 - 水换热系统
Large closed loop wind tunnel-water heat exchange system of Guangzhou Goaland Energy Conservation Tech Co., Ltd
- 10、高温超高压反应釜，酸性氨热法生长高质量、大尺寸氮化镓单晶衬底的核心设备
High Temperature and Ultra High Pressure Reactor, Core Equipment for High Quality and Large Size GaN Single Crystal Substrates Produced by Acidic Ammonia Thermal Process
- 11、中国航空工业集团公司沈阳空气动力研究所“高压气源系统高压储气罐及配套系统”
High Pressure Gas Storage Tank and Its Matching System for High Pressure Gas Source System, Shenyang Institute of Aerodynamics, China Aviation Industry Group Corporation
- 12、贵州航天乌江机电设备有限责任公司高压萃取釜
High Pressure Extraction Vessel, Wujiang Electrical and Mechanical Equipment Co., Ltd., CASIC

二、机械行业设计乙级、建筑行业设计乙级 (Mechanical industry Design Grade B, Construction industry design Grade B)



资质乙级正本



资质乙级副本

主要案例 Major Cases



合肥航天液压机械有限公司新厂区建设
The new plant construction of Hefei Aerospace Hydraulic Machinery Co., Ltd



合肥市瑶海区教育体育局合肥市新槽冲学校
Hefei New Cao Chong School, Hefei Yaohai Education and Sports Bureau



安徽永辉物流有限公司一期鸟瞰图
Aerial view of the phase I project for Anhui Yonghui Logistics Co., Ltd.



中海油服深圳基地惠州泥浆站
Huizhou Mud Station, CNOOC Shenzhen Base



合肥中航湖北新能源新厂区
Hubei New Energy Plant

三、轻型钢结构工程设计 (Light Steel structure engineering design Grade A)



轻钢甲正本



轻钢甲副本

主要案例 Major Cases



合肥开乐特种车辆有限公司厂区工程
The plant engineering of Hefei Kaile Special Vehicles Co., Ltd



新兴重工鄂尔多斯市科技有限公司新厂区
The new plant of New Heavy Industry Group Erdos Technology Co. Ltd.



安凯汽车生产车间
The Production workshop of Ankai Automobile



合肥海德数控液压设备有限公司重型装配车间
The heavy assembly workshop of Hefei Haide Hydraulic Press Co., Ltd

中国通用机械工程有限公司

China National General Machinery Engineering Corporation

公司名称：中国通用机械工程有限公司

Company Name: China National General Machinery Engineering Corporation

中国通用机械工程有限公司（简称中通公司），成立于 1979 年，隶属中国机械工业集团有限公司管理。中国机械工业集团有限公司为世界 500 强企业。

中通公司是集工程承包、设备集成、技术服务、进出口贸易为一体的专业工程公司。

中通公司拥有对外工程承包经营、进出口贸易、甲级设备监理资质、压力容器设计资质，是中国机电产品进出口商会、中国对外工程承包商会的会员单位。

中通公司业务涉及城市污水治理、工业废水废气及粉尘治理、城市湖泊水体治理、城市供水供热、轨道交通、电厂电站及石油化工、煤化工等领域。国内业务范围已遍及除西藏、台湾之外的各个省份；国际市场业务已涉及亚、非、欧、美等地区的 20 多个国家。

中通公司坚持诚信为本、创新为魂、客户至上、追求卓越，拥有一支经验丰富的工程设计和项目管理人才队伍，形成了完整的业务链条和工程项目组织管理模式。30 多年来，累计完成各类项目 3000 多个，获得国家级科学技术进步奖 4 项，省部级科技进步奖等各类奖项 68 项，已成为管理科学，资产优良，勇于承担社会责任的中央企业。

China National General Machinery Engineering Corporation (GME), established in 1979, is a subsidiary under China National Machinery Industry Corporation (SINOMACH) which is one of Fortune Global 500. GME is a professional engineering Corporation, mainly specializing in engineering works contracting (EPC), complete equipment supply, technical services and import and export trade, etc.

GME has Qualification Certificates, such as International Engineering Contracting (EPC), Import & Export Trade, Class A Equipment Supervision, Qualifications of Pressure Vessel Design. GME is a member of CCCME (China Chamber of Commerce for Import and Export of Machinery and Electronic Products) respectively.

The lines of GME's main business involves in the urban sewage treatment, industrial waste water/gas treatment and ash/dust removal, urban lake water pollution control, urban water supply & heat supply, URR (Urban Rapid Rail Transit), power plant and petrochemical, coal chemical industry and so on. GME's domestic business areas cover in all provinces except Tibet and Taiwan, and overseas business in the international market covered areas more than 20 countries and regions in Asia, Africa, Europe and America.

GME's core value is "Honesty, Customer First, Creativity and Striving for Excellence". GME has an experienced engineering design and project management team, and formed a complete chain of business and engineering project organization and management mode. More than 3,000 projects were completed in past 30 years. GME has won four National Science & Technology Progress Awards and 68 Provincial Awards of Scientific Research Advancement. Now GME has become a professional engineering company with a scientific management, qualified assets and a SOE with strong social responsibility.

联系人及联系方式

Contact Person and Information

联系人：乔罡

联系电话：010-63133518

Contact: Qiao Gang

Phone: 010-63133518

设计资质

Design Qualification



特种设备设计许可证（压力容器）
 Design License of Special Equipment (Pressure Vessel)

主要业绩

Major Achievements

- 广东大亚湾核电站国产化备品备件
Supply of Spare Parts home-made for Guangdong Daya Bay NPP
- 岭澳核电站 BOP LOT8、LOT9C 气体贮存和分配系统
BOP LOT 8 and BOP LOT 9 Gas Storage and Distribution System for Ling'ao NPP
- 防城港核电站 1&2# 机组 LOT8 厂用气体贮存及分配系统
LOT 8 Auxiliary Gas Storage and Distribution System for Fangchenggang NPP Unit 1 and Unit 2
- 阳江核电站 3&4# 机组 LOT8 厂用气体贮存及分配系统
LOT 8 Auxiliary Gas Storage and Distribution System for Yangjiang NPP Unit 3 and Unit 4
- 秦山核电厂扩建项目 (方家山核电工程)ZA 厂房厂用气体贮存及分配系统
ZA Auxiliary Gas Storage and Distribution System for Qinshan NPP Expansion Project
- 福清核电厂 1、2、3、4 号机组 ZA 厂房厂用气体存储及分配系统
ZA Auxiliary Gas Storage and Distribution System for Fuqing NPP Unit 1, 2, 3 and 4
- 海南昌江核电工程 SGZ 系统设备
Equipment Supply of SGZ System for Hainan Changjiang NPP
- 田湾核电站氮气站工程
Nitrogen Station Project for Tianwan NPP
- 田湾核电厂 3、4 号机组氮气贮存与分配系统
Nitrogen Storage and Distribution System for Tianwan NPP Unit 3 and 4
- 阳江核电站 5、6 号机组 LOT8 厂用气体贮存及分配系统
BOP LOT8 Gas Storage and Distribution system for Yangjiang NPP Unit 5 and 6
- 福清核电厂 5、6 号机组 ZA 厂房厂用气体存储及分配系统
ZA Gas Storage and Distribution System for Fuqing NPP Unit 5 and 6
- 田湾核电厂 5、6 号机组 ZA 厂房厂用气体存储及分配系统
ZA Gas Storage and Distribution System for Tianwan NPP Unit 5 and 6

主要案例 Major Cases



广东大亚湾核电站国产化备品备件
Supply of Spare Parts home-made for Guangdong Daya Bay NPP



岭澳核电站 BOP LOT8、LOT9C 气体贮存和分配系统
BOP LOT 8 and BOP LOT 9 Gas Storage and Distribution System for Ling'ao NPP



秦山核电厂扩建项目（方家山核电工程）ZA 厂房厂用气体贮存及分配系统
ZA Auxiliary Gas Storage and Distribution System for Qinshan NPP Expansion Project



福清核电厂 1、2、3、4 号机组 ZA 厂房厂用气体存储及分配系统
ZA Auxiliary Gas Storage and Distribution System for Fuqing NPP Unit 1, 2, 3 and 4



阳江核电站 5、6 号机组 LOT8 厂用气体贮存及分配系统
BOP LOT8 Gas Storage and Distribution system of for Yangjiang NPP Unit 5 and 6



福清核电厂 5、6 号机组 ZA 厂房厂用气体存储及分配系统
ZA Gas Storage and Distribution System for Fuqing NPP Unit 5 and 6

中国电器科学研究院股份有限公司

China National Electric Apparatus Research Institute Co., Ltd.

公司名称：中国电器科学研究院股份有限公司
Company Name: China National Electric Apparatus Research Institute Co., Ltd.

中国电器科学研究院股份有限公司（简称中国电研）作为国家首批转制科研院所，前身为始建于 1958 年的第一机械工业部广州电器科学研究所，长期从事电器产品环境适应性基本规律与机理研究，致力于提升我国电器产品在不同的气候、机械、化学、电磁等复杂环境中的适应能力，提升电器产品质量水平。在环境适应性研究的基础上，践行国家创新驱动发展战略，中国电研围绕电器行业的标准规范、检测技术、系统集成技术、电能转换技术、先进控制技术、材料技术等质量提升共性技术研发，取得了一系列科技创新及核心技术成果，通过技术成果转化，为电器产品质量提升提供系统解决方案，具体包括质量技术服务、智能装备、环保涂料及树脂等三大业务领域。

中国电研建有工业产品环境适应性国家重点实验室、国家技术标准创新基地（家用电器及电器附件）、国家日用电器质量监督检验中心、国家智能汽车零部件质量监督检验中心等 12 个国家级科技研发和技术服务平台，拥有 15 个 IEC 国际标准对接平台和 11 个国家标准平台，是我国电器行业接轨国际、提高国际话语权的重要支撑平台，亦是国内电器领域领先的应用型研究机构和技术创新平台。

China National Electric Apparatus Research Institute Co., Ltd. (CEI) is one of the first batch of system-transformed scientific research institutes in the China. Its predecessor is Guangzhou Electric Apparatus Research Institute of the First Ministry of Machinery Industry, which was established in 1958. It has long been engaged in the research on the basic law and mechanism of environmental adaptability of electrical products, and is committed to improving the adaptability and quality of Chinese electrical products in climate, mechanical, chemical, electromagnetic and other complex environments. Implementing the national innovation-driven development strategy on the basis of its environmental adaptability research, CEI makes efforts in researching and developing electrical industry common technologies involved in standards and regulation, testing technology, system integration technology, electric energy conversion technology, advanced control technology and material technology. In this process, CEI has achieved a number of scientific and technological innovations and core technological achievements, and transformed technological achievements into a systematic solution for improving the quality of electrical products. Its business areas mainly include quality technical service, intelligent equipment and environment-friendly coatings and resins.

CEI has 12 national science and technology research and development and technical service platforms, including the State Key Laboratory of Environmental Adaptability for Industrial Products, the National Technical Standard Innovation Base (Household Appliances and Accessories), the National Household Appliances Quality Supervision and Inspection Center and the National Intelligent Automotive Parts Quality Supervision and Inspection Center. CEI has 15 platforms interfacing with IEC international standards and 11 platforms of national standard. CEI not only serves as an important platform supporting China's electrical industry to have more voice on the international stage, but CEI is also a China's foremost application research institute and innovation platform in the domestic electrical apparatus field.

联系人及联系方式

Contact Person and Information

联系人：黄倩
联系电话：020-89050951

Contact: Huang Qian
Phone: 020-89050951

设计领域 Design field

中国电研可为各种家电制造商提供家电智能工厂解决方案，该方案主要包括智能制造与试验装备、定制化零部件两大类型。

智能制造与试验装备基于工业机器人系统集成、智能传感器、数据采集等技术，自主研发了智能数控钣金设备、真空成型设备、专用发泡设备、机器人智能装配生产线、智能涂装线、自动检测线和试验设备等产品，并提供定制化的生产信息管理系统，实现工厂管理的信息化和智能化。

对于存在配套零部件采购需求的客户，凭借前期工厂

设计及生产线供应的技术及经验优势，我司基于当地市场及生产线特点为客户提供定制化零部件。

家电智能工厂解决方案主要服务国内外家电厂商，包括家电市场迅速发展的“一带一路”沿线国家。

CEI can provide various household appliance manufacturers with home appliance intelligent factory solutions, which mainly include intelligent manufacturing and test equipment and customized parts.

Intelligent manufacturing and testing equipment is based on the technologies of industrial robot system integration, intelligent sensor and data acquisition. CEI independently develops intelligent NC sheet metal equipment, vacuum forming equipment, special foaming equipment, robot intelligent assembly line, intelligent coating line, automatic test line and test equipment, etc., and provides customized production information management system, which realizes IT-based and intelligent management of factory.

With technical advantages and experience in preliminary factory design and production line supply, CEI, taking into account the characteristics of local market and production line, provides customized parts for customers which need supporting parts.

The home appliance intelligent factory solution mainly serves domestic and foreign home appliance manufacturers, including those in countries along the Belt and Road where the home appliance market is growing fast.

设计资质 Design Qualification

机械行业（电工电器、表面处理）主导工艺甲级

以冰箱智能生产线为例，可为其提供全流程的专机设备、装配生产线以及检测系统，为客户提供家电智能工厂整体解决方案。

Class A leading process in mechanical industry (electrical appliances, surface treatment)

For example, CEI can provide an intelligent refrigerator production line with whole-process special equipment, assembly line and inspection system, and provides customers with home appliance intelligent factory integrated solution, as shown in the figure below.

设计案例 Design case



冰箱智能工厂
Intelligent refrigerator factory

项目简介:

中国电研为印度某公司设计的冰箱智能工厂，利用电器行业的多年积累，为客户建造全套电器智能生产车间，项目采用了基于物联网的信息管理技术，为客户提供了一整套白色家电智能设备配套解决方案，实现产品生产、质量、物流等环节的信息化管理。

Project profile:

An intelligent refrigerator factory designed for an Indian company. Utilizing years of experience in the electrical appliance industry, CEI has built a complete intelligent electrical apparatus production workshop. By employing IoT-based information management technology, the project provides the customer with a complete supporting intelligent equipment solution for white household appliances, which achieves IT-based management of production, quality and logistics.



空调工厂智能装配生产线
Intelligent assembly line for air conditioner plant

项目简介:

应用于美的公司的空调生产线采用工业机器人实现了零配件上线、装配、检测、包装、下线码垛等自动化生产装配，实现生产、质量、仓储等环节的自动化、信息化管理

Project profile:

The product has been applied in Midea's air conditioner production line, where industrial robot is used for the automated loading, assembly, inspection, packing, unloading and stacking of components. The project achieves the automatic and IT-based management of production, quality and storage.

标准领域 Standard area

中国电研作为科技型创新企业，在家用电器领域累计制修订国家标准、行业标准和地方标准超过 2000 项，提出 10 多项 IEC 提案，制修订 IEC 国际标准 4 项，拥有 IEC 注册专家 30 多人。主导制定的国际标准 IEC62866 是我国家电行业主导制定的第一个 IEC（国际）标准。国际标准化工作成绩获得国家标准化管理委员会和中国电工系统的肯定和表彰，获电工行业国际标准化突出贡献奖。

As a technological innovation enterprise, CEI has formulated and revised over 2000 national, industrial and local standards in the field of home appliances, put forward over 10 IEC proposals, and formulated and revised 4 IEC international standards. It has more than 30 IEC registered experts. IEC62866, of which the formulation was led by the CEI, is the first China-led IEC (international) standard in the home appliance industry. The CEI's international standardization work has been recognized by the Standardization Administration of the People's Republic of China and the CNEEC system, and CEI won the prize for the outstanding contribution to international standardization in the electrical industry.

资质 Qualifications



国家质检总局授权的“国家家用电器质量监督检验中心

China National Center for Quality Supervision and Test of Electrical Appliances (CETC) authorized by General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (AQSIQ)

15 个国际标准化平台

15 international standardization platforms

- 1、IEC/TC23 电器附件技术委员会
Technical committee for electrical accessories
- 2、IEC/SC23A 电缆管理系统分技术委员会
Technical subcommittee for cable management systems
- 3、IEC/SC23B 插头、插座和开关分技术委员会
Technical subcommittee for plugs, socket-outlets and switches
- 4、IEC/SC23G 器具耦合器分技术委员会
Technical subcommittee for appliance couplers
- 5、IEC/SC23H 工业用插头插座分技术委员会
Technical subcommittee for plugs, socket-outlets and couplers for industrial purposes
- 6、IEC/SC23K 电器能效产品分技术委员会
Technical subcommittee for electrical energy efficiency products
- 7、IEC/SC32C 小型熔断器分技术委员会秘书处
Secretariat of technical subcommittee for miniature fuses
- 8、IEC/TC72 家用自动控制器技术委员会
Technical committee for automatic electrical controls for household use
- 9、IEC/TC89 着火危险试验技术委员会
Technical committee for fire hazard testing
- 10、IEC/TC104 环境条件、分类和试验方法技术委员会
Technical committee for environmental conditions, classification and methods of test
- 11、IEC/SC59C 加热器具的性能测试方法分技术委员会
Technical subcommittee of performance testing methods for heating appliances
- 12、IEC/SC59L 小家电的性能测试方法分技术委员会
Technical subcommittee for performance measurement of small household appliances
- 13、IEC/SC61J 工业用电动清洁器具的安全分技术委员会
Technical subcommittee for safety of electrical motor operated cleaning appliances for industrial use
- 14、IEC/SC61H 农场用器具的安全分技术委员会
Technical subcommittee for safety of appliances for agricultural use
- 15、CISPR/F 家用电器、电动工具、照明设备及类似设备的干扰分技术委员会
Technical subcommittee for interference relating to household appliances, tools, lighting equipment and similar apparatus

沈阳仪表科学研究院有限公司

Shenyang Academy of Instrumentation Science Co.,Ltd.

公司名称：沈阳仪表科学研究院有限公司
Company Name:Shenyang Academy of Instrumentation Science Co.,Ltd.

沈阳仪表科学研究院有限公司是始建于 1961 年 5 月 5 日的国家级科研院所，原隶属于机械工业部，现隶属于中国机械工业集团公司。从 2003 年开始，先后重组了杭州照相机械研究所、秦皇岛视听机械研究所、沈阳真空技术研究所，被国机集团定格为“核心业务企业”。

本公司是全国仪器仪表元器件和仪表工艺的归口单位，“传感器国家工程研究中心”、“国家仪器仪表元器件产品质量监督检验中心”、“国家照相机械产品质量检测中心”、“国家真空设备质量监督检验中心”、“机械工业仪器仪表元器件标准化技术委员会”、“机械工业电影和电教机械标准化技术委员会”、“中国仪器仪表学会仪器仪表元件分会、仪表工艺分会”、“中国仪器仪表行业协会传感器专业协会”、“中国文化办公设备制造行业协会电影电教设备专业分会”均设在本院。

本公司经过半个世纪的发展，共完成科研项目 1742 项，获得国家、部、省、市等各项奖励 366 项，其中国家级发明奖和国家科技进步奖 11 项，省部级科技进步奖 96 项，专利 189 项。我院作为四个标准化技术委员会的挂靠单位，多年来组织起草标准 300 多项，其中国家标准 70 多项，涵盖了我院的传感器、仪表、光学器件、弹性元件、金属波纹膨胀节、智能装备等产品。

本公司的主要产品及技术有：

传感器，变送器，智能仪器仪表，光—机—电一体化产品，仪表成套系统及相关技术；金属波纹管、膨胀节，特种民用或军用波纹管组件，换热器，弹性元件工艺装备及相关技术；物理、化学、电脉冲清洗设备及技术，管道仪器，传感器工艺装备，划片机等专用设备及相关技术；光学薄膜产品、滤光片、非球面透镜，数码镜头等光学元器件及相关技术。照相机，光学仪器，多种光学镜头的设计，制造技术；电影摄影机，放映摄影镜头，视听设备的设计及制造技术等处于国内领先优势，并且积累了一批市场潜力大的高技术产品。

本公司是沈阳市火炬型科研院所、高新技术企业、守

China United Engineering Corporation Limited is a large-scale scientific and technology company, its core division is the Second Design & Research Institute of the former Ministry of Machinery Industry. The corporation comprises many national Class A investigation and designing divisions, including the Third Design & Research Institute of the United Machinery Industry, the Eleventh Design & Research Institute of the United Machinery Industry (China United Northwest Engineering Design & Research Institute), China Jikan Geotechnical Institute, etc. The corporation belongs to a large state-owned industrial group reporting directly to the Central Government, and also a Top 500 enterprises-the China National Machinery Industry Corporation, which headquartered in Hangzhou.

CUC has over 6000 employees now, among which 95% are professional technical staffs. There once had been seven academicians from the Chinese Academy of Engineering and the Chinese Academy of Science and seven National Investigation and Designing masters who had worked in CUC. Staffs in service now including one academician from the Chinese Academy of Engineering, one National Investigation and Designing master, one specialist of the National "New Century Project of Thousands of Talents", 104 specialists enjoying the special government subsidy from the State Council, 1100 technical staffs with senior technical titles (including 166 professorate senior engineers), 1529 technical staffs own first-grade national registered engineering certificates of various different majors.CUC owns comprehensive certificates (Grade-A) of qualification for Engineering Design, Engineering Cost Consulting, General Contact Engineering Projects of Construction, comprehensive certificate of qualification for Project Supervision, comprehensive certificates (Grade-A) of qualification for Urban Planning, Multi-Industries Engineering Consulting, has license of Special Equipment Design, owns direct operation right of running and developing business.

As one of the earliest large state-owned comprehensive design enterprises, the business scope of CUC has been developed into over twenty industries of construction and power from the single mechanical industry through over 50 years of development and progress in difficulties. The service style also is expanded from engineering design to engineering consulting, investigation, planning, construction supervision, project management, building construction, procurement, trial run and general contract of project, etc. In recent years, to face the challenge after joining the WTO and fit for the new situation of the reform and development of the investigation and designing industry in

合同重信用单位、博士创业基地、沈阳市精神文明先进单位、辽宁省精神文明先进单位，国资委先进基层党组织。企业信用等级和银行资信等级 AAA 级。

本公司通过了 GB/T19001-2000 质量体系认证。弹性元件及传感器通过了军用 GJB9001A-2001 质量认证。企业已建立了全国性营销网络，产品已广泛应用于航天、石化、冶金、水电、供热、供电、煤炭、轻工、建筑、制药等行业，部分产品已远销国外。

China, the corporation regulates its business structure continuously. In addition to promote its consulting business, the corporation focuses on the development of general contract of the project and project management, improves its EPC capability greatly and takes active part in the international competition.

For many years, CUC follows the operation conception of "Create value for the client" and the quality policy of "Design consummation, construct classicality, exceed expectation and pursue excellence", completes over 20,000 projects; works out and take part in the establishment of over 100 national, local and industrial standards and specifications; obtains 28 awards of scientific & technological progress of China (two 1st rank awards), and over 100 awards of excellent engineering investigation and designing of China and over 1000 provincial awards.

CUC is awarded with "contract abiding & trustworthy enterprise" in successive years, and obtains the enterprise credit assessment with grade of AAA; the corporation is listed in the top one hundred enterprises of over 10,000 investigation and designing enterprises selected by the Ministry of Construction based on their comprehensive strength and business income in successive years; and the corporation is listed in the top 60 engineering designing enterprises concluded by the American Magazine ENR in successive years.

CUC will depend on the comprehensive advantages, providing the owners with all kinds of construction projects at home and abroad all-round services to the entire process.

联系人及联系方式

Contact Person and Information

联系人：张东旭
联系电话：024-88716393

Contact: Zhang Dongxu
Phone: 024-88716393

1. 设计资质：沈阳国仪检测技术有限公司 Shenyang guanyi testing technology co. LTD

沈阳国仪检测技术公司先后开展了压力传感器及力敏器件、温度传感器及感温元件、金属波纹管膨胀节等产品的国家产品质量监督抽查；金属波纹管膨胀节全国行业评比；仪表元器件、传感器和波纹管产品质量活动（包括委托检验、鉴定检测、质量仲裁、质量咨询等）；压力管道元件制造许可的产品型式试验（膨胀节、补偿器、软管、钢制管件等）。

公司具有电压、量块、压力计量标准，可进行0.01%以下电磁量、四等以下量块、0.01%以下压力的检测/校准。

中心授权的检验产品主要有：弹性元件及弹性体类传感器、膨胀节（伸缩节）、补偿器、软管连接器、波纹管；机械元件及几何量传感器；敏感元件及传感器、变送器；仪器仪表用电磁元件；接插元件及开关元件；光学元件等。

Shenyang guanyi testing technology co. LTD has launched a national product quality supervision and spot checks of pressure sensor, force sensor, temperature sensor, temperature sensor, metal bellows expansion joints and other products; Metal bellows expansion joint national industry rating; Instrument components, sensors, corrugated pipe product quality activities (Including the entrusted inspection, identification, quality arbitration, quality consulting); Product type test pressure piping components manufacturing license (Expansion joint, compensator, hose, steel pipe fittings etc.).

Shenyang guanyi testing technology co. LTD with voltage, gauge, pressure measurement standards, For 0.01%, four, the electromagnetic gauge, below 0.01% pressure test or calibration.

Main products are authorized Shenyang guanyi testing technology co. LTD: The elastic component and the elastic body sensor, expansion joint (expansion), compensator, corrugated pipe, hose connector; Mechanical components and geometrical quantity sensor; The sensitive element, sensor, transmitter; Electromagnetic components using instrument; Inserting element and a switch element; Optical components.



实验室认可证书
LABORATORY ACCREDITATION CERTIFICATE



国家中心授权证书
The National Center for certification of authorization



型式试验机构核准证书
Type test institution approval certificate



机械工业第二十四计量测试中心站授权证书
Machinery industry twenty-fourth measuring and testing center authorized
certificate

2. 设计资质：国家照相机质量监督检验中心 CHINA NATIONAL CENTRE FOR QUALITY SUPERVISION TEST OF CAMERA

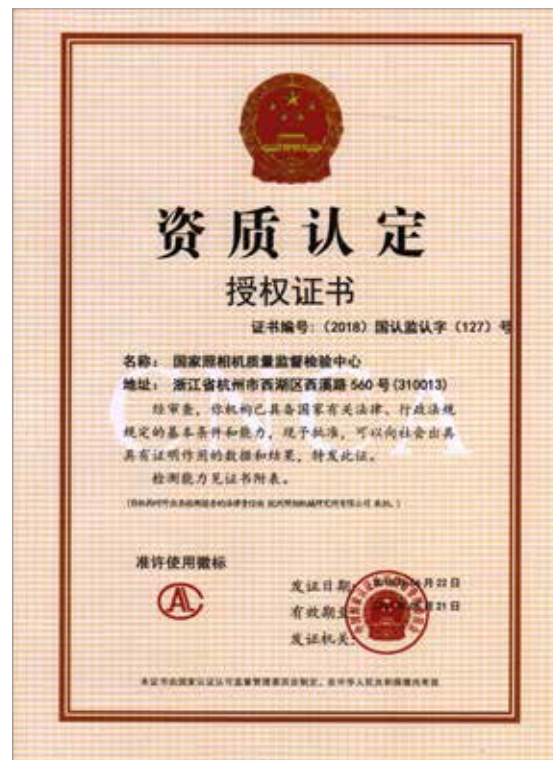
国家照相机质量监督检验中心全年接受各企业委托的数码照相机、照相镜头、数码摄像机、电子闪光灯、传统银盐胶片照相机、数码彩扩设备、照相用三脚架、紫外滤光镜等产品检测。通过科学、公正、准确地检测数据，在照相机机械行业中得到国内外知名企业的认同。组织人员开

展各类科研项目工作，包括申报实用新型技术专利、检测技术研究及检测设备开发。根据全国照相机机械标准化委员会下达的标准制订和修订任务，做好行业标准制修订工作。

China National Center For Quality Supervision Test Of Camera accepts designated tests from all kinds of enterprises. Tests for digital camera, camera lenses, digital video camera, electronic flash lamp, traditional silver halide film camera, digital color print facility, photographic tripods and UV filter are available on a year-round basis. It has gained wide acknowledgement in photographic machinery industry due to its strict, objective and accurate test results. Other main responsibilities include organizing scientific research seminar, applying patents for new technology, testing technical research and development of testing devices. Standardized tasks making and revising as well as industrial standard amendment.



计量认证证书
Measurement certificate



资质认定授权证书
Accreditation certificate authority



实验室认可证书
Laboratory accreditation certificate



实验室认可证书英文版
Laboratory accreditation certificate in English

3. 设计资质：国家真空设备质量监督检验中心 National vacuum equipment quality supervision and inspection center

我中心是经国家质量检验检疫总局授权的第三方质检机构，是我国目前唯一的一家经过认可的国家级真空设备质量检验机构，承担国家和行业统一安排的真​​空设备产品质量监督抽查；承担真空设备产品的质量认证、第三方仲裁检验、新产品鉴定检验、委托检验等；参与国家标准、行业标准的制修订、检验方法的试验验证工作，研究开发高新检验 / 校准技术。数次承担国家真空设备质量监督抽查任务和法院委托的仲裁检验，以及上千次委托检验，新产品检验等。为台州市椒江（兴华）真空设备制造有限公司研制的 ZJPC1200C 磁力驱动罗茨真空泵申报浙江省省级新产品提供新产品鉴定测试。与中石化润滑油公司协作，为其在开发研制真空泵油的项目，提供检测和真空标准咨询等方面合作。与中航世新燃气轮机股份有限公司沈阳分公司合作，为清华大学研制的新产品 “ 输送转换装置 ” 的提供漏率测试服务。与沈阳鑫通电站设备制造有限公司合作，为福建福清核电厂一期工程 “ 金属补偿装置 ” 提供漏率测试服务。为我国首台大型金属卷材真空镀膜设备即威海蓝膜光热科技有限公司生产的 GP32 型蓝膜生产线设备作性能检验。为沈阳飞机工业（集团）有限公司提供测量器具（真空计）的校准、检定调修技术服务。

Our center is the third party quality inspection agencies authorized by the State Administration of quality inspection and quarantine, China is currently the only one through the national vacuum equipment quality inspection body accreditation, undertake the quality supervision and spot checks of national and industry unified arrangement of the vacuum equipment products; undertake certification, third party arbitration inspection, identification of new products inspection, commissioned the inspection the quality of vacuum equipment products; to participate in national standards, industry standard system revision, methods of testing experiments, the research and development of high testing / calibration technology. Several national commitment to vacuum equipment quality supervision inspection tasks and court entrusted arbitration inspection, and thousands of entrusted inspection, product inspection. Taizhou city Jiaojiang (Xing) ZJPC1200C magnetic development of Vacuum Equipment Manufacturing Co., Ltd. drive roots vacuum pump to declare provincial new products in Zhejiang province to provide identification testing of new products. Cooperation with Sinopec lubricant company, for the development of vacuum pump oil projects, provide detection and vacuum standard consultation and cooperation. Branch in cooperation with the China aviation gas turbine Limited by Share Ltd in Shenyang, for the new product "Tsinghua University developed transport Conveying device" provides leak rate testing services. Through the power plant equipment manufacturing Co Ltd and Shenyang Xin, provide leak rate testing services for the first phase of the project "Fujian Fuqing nuclear power plant metal compensation device". As China's first large-scale metal coil vacuum coating equipment such as GP32 blue film production line equipment in Weihai blue film thermal technology limited production performance test. Shenyang aircraft industry (Group) measuring instrument limited company to provide (vacuum gauge) calibration, verification repair technical services.



中国国家认证认可监督管理委员会资质认定授权证书
Certification and Accreditation Administration of the People's Republic of China
Qualification certificate of authorization



中国国家认证认可监督管理委员会资质认定授权证书 (英文)
Certification and Accreditation Administration of the People's Republic of China
Qualification certificate of authorization (English)



国家真空设备质量监督检验中心资质认定授权证书
National Quality Supervision and Testing Centre of Vacuum Equipment
Accreditation certificate authority



中国国家认证认可监督管理委员会资质认定计量认证证书
Certification and Accreditation Administration of the People's Republic of China
qualification certificate for measurement attestation

4. 设计资质：第一类压力容器，第二类中、低压容器设计；第一、二类中、低压力容器制造 Design qualification: design of the first class pressure vessels, the second class low-medium pressure vessels, manufacturing of the first/second class low-medium pressure vessels

1、压力容器设计许可证

具备第一类压力容器、第二类中、低压容器设计资质，由教授级高工领衔的中青年设计团队，有丰富的设计选型和现场服务经验。

2、压力容器制造许可证

具有压力容器特种设备制造许可，可从事第一、二类中、低压容器制造，并建立了完善的质保体系，年生产能力达400台（套）以上。

1. Pressure vessel design license

Pressure vessel design license is the design qualification certificate for the first class pressure vessels and the second class low-medium pressure vessels. Young design team led by professor senior engineer has rich experience in design, selection and field service.

2. Pressure vessel manufacture license

Pressure vessel manufacture license is the manufacture qualification certificate for the first & second class of low-medium pressure vessels, with pressure vessel special equipment manufacturing license and perfect quality assurance system, the annual capacity is more than 400 sets.



压力容器设计证



压力容器制造许可证

机械工业第六设计研究院有限公司

SIPPR Engineering Group Co., Ltd

公司名称：机械工业第六设计研究院有限公司

Company Name: SIPPR Engineering Group Co., Ltd

机械工业第六设计研究院有限公司（以下简称中机六院）创建于1951年，是拥有工程设计综合甲级资质的国家大型综合设计研究院，隶属世界500强企业、中央大型企业集团——中国机械工业集团有限公司。

中机六院拥有国家住房和城乡建设部颁发的工程设计综合甲级资质、工程监理综合资质、建筑工程施工总承包一级资质、工程造价咨询甲级资质；国家商务部援外设计、援外监理等资格；质量技术监督局颁发的压力容器、压力管道设计许可证；同时还拥有城市规划、机电设备安装等资质。

中机六院可承接工程设计全部21个行业和8个专项资质范围内的所有工程咨询、设计、工程总承包、项目管理和工程监理业务。21个行业包括机械行业、建筑行业、市政行业、冶金行业、建材行业、铁道行业、轻纺行业、公路行业、煤炭行业、化工石化医药行业、石油天然气（海洋石油）行业、电力行业、军工行业、商物粮行业、核工业行业、电子通信广电行业、水运行业、民航行业、农林行业、水利行业、海洋行业；8个专项资质包括建筑装饰、建筑智能、建筑幕墙、轻型钢结构、风景园林、消防设施、环境工程、照明工程。

SIPPR Engineering Group Co., Ltd (Abbreviated as SIPPR) established in 1951 is a large-sized national comprehensive Grade A design institute in China subordinated to central enterprise group---China National Machinery Industry Corporation, one of Fortune Global 500 enterprises.

SIPPR has the comprehensive grade A design qualification, comprehensive project supervision qualification, grade A building intelligence design & construction qualification, grade A project cost consultation qualification; China aid consultation, design and supervision qualifications issued by the national ministry of commerce; pressure vessel, pressure piping design license issued by Quality and technology supervision Bureau; and also has the city planning, mechanical and electrical equipment installation qualifications etc.

SIPPR can undertake all the consultation, design, EPC, project management and construction supervision work within the 21 engineering industries and 8 professional qualifications. The 21 industries including machinery industry, construction industry, coal industry, chemical, petroleum & medicine industry, petroleum gas (marine oil) industry, electricity industry, metallurgy industry, military industry, commercial food industry, nuclear industry, electronics, communication & broadcasting industry, light & textile industry, construction material industry, railway industry, highway industry, water transport industry, civil aviation industry, municipal industry, agriculture & forestry industry, water conservancy industry and ocean industry. The 8 professional qualifications are construction decoration, building intelligence, building curtain wall, light steel structure, landscape & garden, freighting devices, environmental protection projects, and lighting.

联系人及联系方式

Contact Person and Information

联系人：侯冬冬

联系电话：0371-67606004, 67606087, 67606088

Contact: Hou Dongdong

Phone: 0371-67606004, 67606087, 67606088

资质证书
Qualification certificate



工程设计综合甲级资质
Comprehensive Grade A Qualification For Engineering Design



城乡规划编制资质证书
Urban Planning Compilation Qualification Certificate



建筑工程施工总承包壹级
Grade I Qualification of Construction EPC



建筑智能化工程设计与施工壹级资质
Design & Construction Qualification for Building Intelligence Class I

主要业绩

Major Achievements

1、 机床工具行业

Machine Tool Industry

1.1、 沈阳机床集团数控产业园

Shenyang Machine Tool Group Industrial Controlled Machine Tool Industrial Park

1.2、 武汉重型机床集团发展数控重型、超重型机床整体搬迁改造

Numerical Controlled Heavy-duty & Extra-heavy Duty Machine Tool Development Removing & Transforming Project of Wuhan Heavy-duty Machine Tool Group

2、 重矿机械行业

Heavy-duty Machinery Industry

2.1、 大连重大起重组搬迁改造工程

Removing & Transformation Project of Dalian Heavy-duty • Crane Group

2.2、 中钢集团西安重机有限公司易地搬迁改造工程

Removing Project of Sinosteel Group Xi'an Heavy-duty Machinery Co., Ltd

2.3、 中煤张家口煤矿机械有限公司煤机装备产业园

Zhangjiakou Coal Mine Machinery Co., Ltd Coal Equipment Industrial Park

2.4、 郑州煤矿机械集团高端液压支架生产基地

High-Class Hydraulic Support Production Base of Zhengzhou Coal Mining Machinery Group

3、 工程机械行业

Engineering Machinery Industry

3.1、 厦门厦工机械工业园

Xiamen ENGINEERING Machinery Industrial Park

3.2、 宇通重工新厂区建设项目

New Plant Construction Project of Yutong Heavy-duty Industry Co., Ltd

4、 石化机械行业

Petroleum Machinery Industry

4.1、 宝鸡石油机械有限责任公司搬迁改造工程

Removing & Transformation Project of Baoji Petroleum Machinery Co., Ltd

5、 风电机械行业

Wind Power Machinery Industry

5.1、 国电联合动力（保定）技术有限公司建设项目

Construction Project of China Power Synergy Drive (Baoding) Technology Co., Ltd

6、 轨道交通装备

Rolling Stock Equipment

6.1、 齐齐哈尔轨道交通装备有限责任公司铁路货车疲劳与振动试验台

Railway Wagons Fatigue and Vibration Test Platform of Qiqihaer Railway Equipment Co., Ltd.

6.2、 中国北车集团大连机车旅顺基地建设项目 CNR Group

Dalian Rolling Stock Co., Ltd Lushun Base

7、 纺织机械行业

Textile Machinery Industry

7.1、 恒天重工新纺机项目

New Textile Machinery Projects of Hengtian Heavy Duty Group

8、 电工电器行业

Electricity & Electric Appliance Industry

8.1、 富士康科技集团郑州航空港科技园

Foxconn Scien-tech Group Zhengzhou Airport Scien-tech Park

8.2、 河南平高东芝高压开关有限公司新建工程

High Voltage Switchgear Co., Ltd

9、 铸造

Casting

9.1、 宁夏共享装备有限公司数字化铸造工厂示范工程

The Digital Factory Project of Ningxia Kocel Equipment Co., Ltd

9.2、 南车资阳机车有限公司锻铸事业部新厂区

Numerical Casting Factory of Ziyang CSR Kocel Casting Co., Ltd

9.3、 徐工集团智能化高端铸造项目

High-end Parts Production Base of Xugong Group

10、 无机非金属材料

Inorganic Nonmetal Material

10.1、 苏州远东砂轮有限公司全厂搬迁新建项目

Removing & New-built Project of Suzhou Far-East Grinding Wheel Co., Ltd

11. 烟草行业
Tobacco Industry

- 11.1、上海烟草集团浦东创新科技园区建设项目
Shanghai Tobacco Industry Pudong Innovative Scien-tech Park

12. 大型公建
Large-sized Public Buildings

- 12.1、郑州国际会展中心
Zhengzhou International Conference & Exhibition Center

13. 大型城市综合体
Large-sized City Complex

- 13.1、郑州中原万达广场
Zhengzhou Zhongyuan Wanda Plaza

14. 民用工程
Civil Projects

- 14.1、万科城
Vanke City

15. 医疗建筑
Hospital Buildings

- 15.1、郑州大学第一附属医院高级病房楼
Superior Ward Building of the First Hospital Affiliated to Zhengzhou University
- 15.2、阜外华中心血管病医院暨国家心血管病中心华中分中心建设项目
Fuwai Middle China Cardiovascular Disease Hospital & National Cardiovascular Disease Center Middle China Branch

- 15.3、郑州市宜居健康城三院一校
3 Hospitals & I School Project of Zhengzhou Livable City

16. 市政工程
Municipal Projects

- 16.1、遂平县城道路工程
Suiping County Road Project

17. 物流行业
Logistics Industry

- 17.1、中国物流有限公司
中国智慧物流产业园
Chinese Wisdom Logistic Park

18. 工程总承包
EPC

- 18.1、国机重工（洛阳）产业园工程总承包
China SINOMACH Heavy Industry Corporation Luoyang Industrial Park
- 18.2、洛阳轴研科技股份有限公司大型数控机床电主轴及精密轴承产业化技改工程总承包
Large-sized Numerical Controlled Machine Tool Electric Spindle and Precise Bearing Technical Innovation Project of Luoyang Shaft Research Technology Co., Ltd

主要案例 Major Cases



沈阳机床集团数控产业园
Shenyang Machine Tool Group Industrial Controlled Machine Tool Industrial Park



武汉重型机床集团发展数控重型、超重型机床
Numerical Controlled Heavy-duty & Extra-heavy Duty Machine Tool Development Removing & Transforming Project of Wuhan Heavy-duty Machine Tool Group



大连大重大起重组搬迁改造工程
Removing & Transformation Project of Dalian Heavy-duty • Crane Group



中钢集团西安重机有限公司易地搬迁改造工程
Removing Project of Sinosteel Group Xi'an Heavy-duty Machinery Co., Ltd

中煤张家口煤矿机械有限责任公司煤机装备产业园 鸟瞰图



中煤张家口煤矿机械有限公司煤机装备产业园
Zhangjiakou Coal Mine Machinery Co., Ltd Coal Equipment Industrial Park



郑州煤矿机械集团高端液压支架生产基地
High-Class Hydraulic Support Production Base of Zhengzhou Coal Mining Machinery Group



厦门厦工机械工业园
Xiamen ENGINEERING Machinery Industrial Park



宇通重工新厂区建设项目
New Plant Construction Project of Yutong Heavy-duty Industry Co., Ltd



宝鸡石油机械有限责任公司搬迁改造工程
Removing & Transformation Project of Baoji Petroleum Machinery Co., Ltd



国电联合动力（保定）技术有限公司建设项目
Construction Project of China Power Synergy Drive (Baoding) Technology Co., Ltd



齐齐哈尔轨道交通装备有限责任公司铁路货车疲劳与振动试验台
Railway Wagons Fatigue and Vibration Test Platform of Qiqihaer Railway Equipment Co., Ltd.



中国北车集团大连机车旅顺基地建设项目
CNR Group Dalian Rolling Stock Co., Ltd Lushun Base



恒天重工新纺机项目
New Textile Machinery Projects of Hengtian Heavy Duty Group



富士康科技集团郑州航空港科技园
Foxconn Scien-tech Group Zhengzhou Airport Scien-tech Park



河南平高东芝高压开关有限公司新建工程
High Voltage Switchgear Co., Ltd



宁夏共享装备有限公司数字化铸造工厂示范工程
The Digital Factory Project of Ningxia Kocel Equipment Co., Ltd



南车资阳机车有限公司锻铸事业部新厂区
Numerical Casting Factory of Ziyang CSR Kocel Casting Co., Ltd



徐工集团智能化高端铸造项目
High-end Parts Production Base of Xugong Group



上海烟草集团浦东创新科技园区建设项目
Shanghai Tobacco Industry Pudong Innovative Scien-tech Park



苏州远东砂轮有限公司全厂搬迁新建项目
Removing & New-built Project of Suzhou Far-East Grinding Wheel Co., Ltd



郑州国际会展中心
Zhengzhou International Conference & Exhibition Center



郑州中原万达广场
Zhengzhou Zhongyuan Wanda Plaza



万科城
Vanke City



郑州大学第一附属医院高级病房楼
Superior Ward Building of the First Hospital Affiliated to Zhengzhou University



阜外华中心血管病医院暨国家心血管病中心华中分中心建设项目
Fuwai Middle China Cardiovascular Disease Hospital
& National Cardiovascular Disease Center Middle China Branch



郑州市宜居健康城三院一校
3 Hospitals & 1 School Project of Zhengzhou Livable City



遂平县城道路工程
Suiping County Road Project



中国物流有限公司 中国智慧物流产业园
Chinese Wisdom Logistic Park



国机重工（洛阳）产业园工程总承包
China SINOMACH Heavy Industry Corporation Luoyang Industrial Park



洛阳轴研科技股份有限公司大型数控机床电主轴及 精密轴承产业化技改工程总承包
Large-sized Numerical Controlled Machine Tool Electric Spindle and Precise Bearing Technical Innovation Project of Luoyang Shaft Research Technology Co., Ltd

中国农业机械化科学研究院

Chinese Academy of Agricultural Mechanization Sciences

公司名称：中国农业机械化科学研究院

Company Name: Chinese Academy of Agricultural Mechanization Sciences

中国农业机械化科学研究院成立于 1956 年，隶属于世界 500 强中国机械工业集团有限公司。总部位于北京奥运村核心地区，在岗员工 5400 余人，拥有 6 家全资子公司、13 家控股子公司和 4 家直属单位，是国家首批创新型企业 and 高新技术企业。

建有 1 个国家重点实验室，2 个国家工程实验室，2 个国家工程技术中心和 3 个国家质量监督检验中心，是农业装备产业技术创新战略联盟、国家饲草料生产科技创新联盟、食品装备产业技术创新战略联盟和首都生物质能产业创新战略联盟理事长单位。

业务领域包括高端装备、农业工程、信息技术与服务三个板块，涵盖农牧业装备、特种装备、汽车配套、农产品与食品工程、冷链与环境工程、勘察设计与施工、信息技术与精准农业、标准与检测、出版传媒等领域，是我国农业机械领域战略策源中心、技术创新中心、产品辐射中心和国际交流中心。

当前，中国农机院秉承推动中国农业机械技术进步及产业升级的使命，以“价值型农机院”为引领，致力于建设“创新农机院、智慧农机院、幸福农机院”，围绕现代农业装备核心领域，发展多元产业，打造具有国际竞争力的一流企业。

Chinese Academy of Agricultural Mechanization Sciences (CAAMS) was established in 1956. It is a subsidiary of China National Machinery Industry Corporation, a Fortune Global 500 enterprise. The headquarters of CAAMS are located in the central area of the Olympic Village in Beijing. At present, it has over 5400 employees, 6 wholly-owned subsidiaries and 13 holding subsidiaries. It is one of the first innovation-oriented enterprises and high-tech enterprises in China.

CAAMS owns one national key laboratory, two national engineering laboratories and two national engineering research centers, and three national quality supervision and examination centers. CAAMS is the chairman unit of Technology Innovation Strategic Alliance for Agricultural Machinery Industry (TISAAMI), National Technology Innovation Alliance for Forage Production, Technology Innovation Strategic Alliance for Food Machinery Industry (TISAFMI) and Capital Innovation Strategic Alliance for Biomass Energy Industry (CISABEI) respectively.

Its business scope includes high-end equipment, agricultural engineering, information technology and services, covering animal husbandry equipment, military and special equipment, automobile accessories, agro-products and food engineering, cold chain and environment engineering, survey design and construction, information technology and precision agriculture, standard and detection, publication and media. It is a strategic planning center, a research and development center, a product promotion center and an international exchange center for agricultural mechanization in China.

At present, upholding the mission of promoting agricultural mechanization in China and guided by the philosophy of "value-oriented CAAMS", CAAMS is dedicated to building "an innovation-oriented CAAMS, a smart CAAMS and a happy CAAMS". By focusing on the core areas of modern agricultural equipment, CAAMS is developing diversified industries to build a first-class enterprise with world competitiveness.

联系人及联系方式

Contact Person and Information

联系人：吴海华 王也

联系电话：010-64883997

Contact: Wu haihua Wang Ye

Phone: 010-64883997

设计领域 Design Field

铸造工业园区、球墨铸铁管厂、农机厂；机械行业（表面处理）、商物粮行业（冷冻冷藏工程、肉食品加工工程、油脂工程）、农林行业（设施农业工程）；机械、农业、轻工等专业工程咨询；机械行业、建筑行业（建筑工程）、环境工程（水污染防治工程）；商物粮行业（冷冻冷藏工程、肉食品加工工程）、轻纺行业（食品发酵烟草工程）、市政行业（给水工程、环境卫生工程、排水工程、热力工程）；机械、建筑、生态建设和环境工程、轻工（食品烟草）等专业的规划咨询、编制项目建议书、编制项目可行性研究报告、项目申请报告、资金申请报告、评估咨询、工程设计、工程监理、工程项目管理；市政公用工程（热力、给排水、环卫）编制项目建议书、可行性研究报告、项目申请报告、资金申请报告、工程设计、工程监理；工程造价咨询；20万人口以下城市总体规划和各种专项规划和编制、详细规划的编制、研究拟定大型工程项目规划选址意见书；房屋建筑工程监理；市政公用工程监理；机电安装工程监理、人防工程监理；压力容器；压力管道；测绘；岩土工程勘察等。

Casting industrial zone, Ductile Iron Pipes Plant, Agricultural machinery plant; Machinery Industry (Surface Treatment). Commercial Material Grain Industry (Refrigerated Engineering Meat Processing; Engineering; Oil Engineering); The Agriculture And Forestry Industry (Facilities for Agricultural Engineering); Professional engineering consulting in Machinery, agriculture; light industry; Mechanical industry; Build industry(Construction works); Environment project(Prevention and control of water pollution project); Discuss thing grain industry (project freezing the food processing refrigerating the project; flesh); Spin industry gently (food fermentation tobacco project); Municipal administration industry (water supply project; sanitation project; drainage work; heating power project); Be engaged in machinery; building; ecological conservation and environment project; light industry (food tobacco) waits for the special field plan consult about; weave the project letter of advice; consult about weaving project feasibility research report; the project applying to report that the fund applies for a report; estimating that; engineering design; project inspection and control; construction project administration. Be engaged in municipal administration public work (heating power; the environmental sanitation) weaves the project letter of advice; the feasibility memoir; the project apply for a report; the fund applies for the report; engineering design; the project supervises a reason to draining off. Construction costs consults about; Under 200,000 population; overall city planning composes in reply with special various item plan establishment; Establishment who plans detailedly; Research designs the large-scale construction project plan selections location idea book. Building construction works inspection and control; Municipal administration public work inspection and control; The electromechanical assembles project inspection and control; Air-raid shelters inspection and control; Pressure container. Pressure pipeline; Surveying and Mapping; Investigation of geotechnical engineering.

资质证书 Qualification certificate



工程设计资质【机械行业（热加工）】甲级
Engineering Designing Class A qualification

主要业绩 Major Achievements

- 1、印度 ESL 公司年产 33 万吨 DN100-1400mm 球墨铸管工程
0.33 MTPA DN100-1400mm Ductile Iron Pipes Plant of Indian ESL INC.
- 2、湖北冶钢集团东方管业公司年产 30 万吨 DN100-2200mm 球墨铸管工程
0.3 MTPA DN100-2200mm Ductile Iron Pipes Plant of Hubei YeGang Dongfang Pipes Co., Ltd.
- 3、湖北航宇鑫宝管业公司年产 20 万吨 DN100-1200mm 球墨铸管工程
0.2 MTPA DN100-1200mm Ductile Iron Pipes Plant of Hubei HangYu XinBao Pipes Co., Ltd.
- 4、印度 SIL 年产 20 万吨 DN100-1000mm 球墨铸管工程
0.2 MTPA DN100-1000mm Ductile Iron Pipes Plant of Indian SIL INC.
- 5、内蒙古宁城长明机械有限公司年产 8 万台农机工程
Annual 80,000 sets Agricultural Machinery Project of Inner Mongolia Ningcheng Changming Machinery Co., Ltd.

资质证书 Qualification certificate



工程设计资质乙级
Engineering Designing Class B qualification

主要业绩 Major Achievements

- 1、浙江新市油脂股份有限公司 60 万吨年大豆、菜籽预处理、浸出、精炼改造搬迁工程
600,000 tons of soybean, rapeseed pretreatment, leaching, refining and relocation project for Zhejiang Xinshi Oil Stock Company, Ltd
- 2、辽宁五峰米业 200 万吨每年大米深加工项目
2 million tons per year rice deep processing project of Liaoning Wufeng rice industry
- 3、北京首都农业集团有限公司 2000 只 / 小时北京鸭屠宰制坯综合加工车间
Processing Plant to slaughter Beijing duck 2000 per hour for Beijing Capital Agriculture Group Co., Ltd.



浙江新市油脂股份有限公司 60 万吨年大豆、菜籽预处理、浸出、精炼改造搬迁工程
600,000 tons of soybean, rapeseed pretreatment, leaching, refining and relocation project for Zhejiang Xinshi Oil Stock Company, Ltd



辽宁五峰米业 200 万吨每年大米深加工项目
2 million tons per year rice deep processing project for Liaoning Wufeng rice industry

资质证书 Qualification certificate

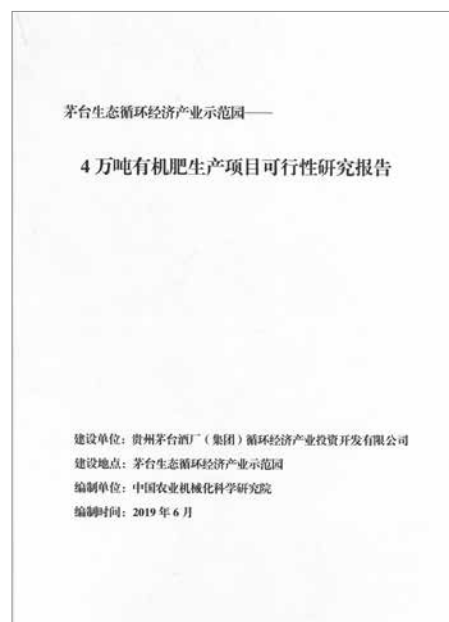


工程咨询甲级资信
Engineering Consulting Class A qualification

主要业绩 Major Achievements



聊城市 25 万吨 / 年秸秆粪污收储项目技术咨询报告
Liaocheng 250,000 tons/year straw waste collection and storage project
technical consulting report



茅台生态循环经济产业示范园 4 万吨有机肥生产项目可行性
研究报告
Feasibility study report of 40 thousand tons organic fertilizer production project
in maotai eco-circular economy industrial demonstration park

中机十院国际工程有限公司

China Machinery TDI International Engineering Co.,Ltd.

公司名称：中机十院国际工程有限公司

Company Name: China Machinery TDI International Engineering Co.,Ltd.

中机十院国际工程有限公司成立于1958年，系原机械工业部第十设计研究院2005年整体改制组建，总部位于北京，在上海、深圳、合肥、中山、郑州、西安、乌鲁木齐、青岛设有分公司，是中央大型企业集团所属的国家甲级综合性设计研究单位，持有国家颁发的机械工程设计、建筑工程设计、项目管理与工程总承包、工程咨询、工程监理、工程造价、环境污染防治等甲级资质证书及城市规划、轻工、食品、商物粮、人防工程、市政工程设计等乙级资质证书，并具有压力容器、压力管道设计资质及境外工程咨询、工程设计、工程监理、劳务输出等对外承包工程经营权，已通过质量、环境、职业健康安全三标管理体系认证。

公司技术力量雄厚，专业配置齐全。现有员工600多人，其中享受政府特殊津贴的专家、教授级高级工程师40多人，高级工程师130多人。设有机械制造、锻压、铸造、热处理、理化计量、工具、机电修、轴承工艺、工程机械、农业机械、包装与食品机械、冷藏工程、物流运输、建筑工程、结构工程、总图与城市规划、供配电、消防、给排水、空调与暖通、节能、热工与动力工程、电气自动化、环境保护、职业与安全卫生、工程经济、工程造价、压力容器、非标设备、机械化运输、计算机网络等专业，能为国民经济各行业提供从前期规划、可行性研究、评估咨询、招投标咨询、投融资咨询、项目管理咨询到工程设计、工程监理、工程总承包到竣工图编制、竣工决算及项目后评价各阶段全方位服务，在机械工程、建筑工程、食品工程、环保工程、城市规划、市政工程、轻工、电力、电子、压力容器、设备开发、新工艺、新技术开发等领域为各企业提供优质服务。是中国轴承工业协会规划发展咨询工作委员会和中国机械勘察设计协会人力资源工作委员会等行业组织的依托单位。

公司成立以来，共完成国内各类大中型项目的前期规划、工程咨询、可行性研究、工程设计、项目管理与工程总承包等3000多项。改革开放以来，共获得国家、部、省级优秀设计奖150多项。并与众多中央企业、跨国公司和设计事务所建立了长期良好的合作关系。

Founded in 1958, China Machinery Tenth Academy International Engineering Co., Ltd. is the overall restructuring and establishment of the 10th Design and Research Institute of the former Ministry of Machinery Industry in 2005. Its headquarters are located in Beijing. It has branches in Shanghai, Shenzhen, Hefei, Zhongshan, Zhengzhou, Xi'an, Urumqi and Qingdao. It is the first-class comprehensive state owned by the large-scale central enterprise group. The design and research institute holds Grade A qualification certificates issued by the state for mechanical engineering design, architectural engineering design, project management and general contracting, engineering consultation, engineering supervision, engineering cost, environmental pollution prevention and control, Grade B qualification for urban planning, light industry, food, commercial grain, civil air defense engineering and municipal engineering design. Certificate, and has the design qualification of pressure vessel and pressure pipeline, overseas engineering consultation, engineering design, engineering supervision, labor export and other foreign contracted project management rights, has passed the quality, environment, occupational health and safety three standard management system certification.

The company has strong technical force and complete professional configuration. There are more than 600 employees, including more than 40 senior engineers and 130 senior engineers who enjoy special government allowances. There are machinery manufacturing, forging, casting, heat treatment, physical and chemical measurement, tools, mechanical and electrical repair, bearing technology, construction machinery, agricultural machinery, packaging and food machinery, refrigeration engineering, logistics transportation, construction engineering, structural engineering, general plan and urban planning, power supply and distribution, fire protection, water supply and drainage, air conditioning and heating, energy saving. Majors such as thermal and power engineering, electrical automation, environmental protection, occupational and safety hygiene, engineering economy, engineering cost, pressure vessel, non-standard equipment, mechanized transportation, computer network and so on can provide the industries of national economy with pre-planning, feasibility study, evaluation consultation, bidding consultation, investment and financing. Consulting on capital, project management, engineering design, engineering supervision, general contracting, drawing up of completed drawings, final accounts and post-project evaluation are all-round services in mechanical engineering, construction engineering, food

公司秉承“真诚做人、用心做事、坚持创新、创造价值”的企业价值观，坚持“让创新为设计注入灵魂、让产品为客户创造价值，以精良的工程、优质的服务，回报用户，造福社会，成就员工”的企业使命，以“创造精品、追求卓越、勇于创新、注重质量、优美环境、确保安全”为管理方针，愿与社会各界协同发展、共创辉煌。

engineering, environmental protection engineering, urban planning, municipal engineering, light industry, electric power, electronics, pressure vessels and equipment. Development, new technology, new technology development and other fields to provide high-quality services for enterprises. China Bearing Industry Association Planning and Development Advisory Committee and China Machinery Survey and Design Association Human Resources Education Committee and other industry organizations rely on units.

Since its establishment, the company has completed more than 3000 projects in China, such as preliminary planning, engineering consultation, feasibility study, engineering design, project management and general contracting. Since the reform and opening up, it has won more than 150 national, ministerial and provincial excellent design awards. And with many central enterprises, multinational companies and design firms have established long-term good cooperative relations.

The company upholds the enterprise value of "being sincere, working hard, insisting on innovation and creating value", insists on the enterprise mission of "letting innovation inject soul into design, creating value for customers, rewarding users with excellent engineering and high-quality service, benefiting society and achieving employees", and "creating fine products, pursuing" Excellence, daring to innovate, focusing on quality, beautiful environment and ensuring safety are the management principles. We are willing to cooperate with all sectors of society to develop and create brilliance.

资质证书

Qualification certificate



工程设计甲级资质

Engineering design first rate quality certificate

主要业绩

Major Achievements

- 1、中交第一公路工程有限公司科研综合楼项目
Middle first relationship highway engineering bureau Ltd. Scientific research synthesizes the building project
- 2、中央机构编制委员会办公楼
Office building of authorization committee of central government
- 3、长春熙旺中心项目
Chagnchun Xiwang centre
- 4、国务院机关事务管理局局长级住宅区
Residential quarters of minister of Administration Bureau of the State Council
- 5、合肥恩斯克有限公司一期项目
Hefei NSK Ltd.
- 6、洛阳 LYC 轴承有限公司新厂区建设工程项目
New factory of Luoyang LYC Bearing Company
- 7、哈尔滨轴承制造有限公司新厂区建设工程项目
Harbin Bearing Manufacture Company
- 8、瓦房店轴承集团有限责任公司瓦房店轴承工业园区
New factory of Wafangdian Bearing Group Company Wafangdian Bearing Industry Park
- 9、宜阳净水厂
Water Purifying Factory in Yiyang
- 10、汝阳污水处理厂
Ru Yang county sewage treatment factory
- 11、洛阳钼都利豪国际饭店
Luoyang Mudulihao International Hotel
- 12、郑州荣勋大厦
Rongxun building in Zhengzhou
- 13、海南清水湾旅游度假区
Qingshuiwan tourist and holiday area in Hainan

主要案例 Major Cases



中交第一公路工程局有限公司科研综合楼项目
Middle first relationship highway engineering bureau Ltd. Scientific research synthesizes the building project



中央机构编制委员会办公楼
Office building of authorization committee of central government



长春熙旺中心项目
Chagnchun Xiwang centre project



国务院机关事务管理局部长级住宅区
Residential quarters of minister of Administration Bureau of the State Council



合肥恩斯克有限公司一期项目
Hefei NSK Ltd.



洛阳 LYC 轴承有限公司新厂区建设工程项目
New factory of Luoyang LYC Bearing Company project



哈尔滨轴承制造有限公司新厂区建设工程项目
Harbin Bearing Manufacture Company Project



宜阳净水厂
Water Purifying Factory in Yiyang



瓦房店轴承集团有限责任公司瓦房店轴承工业园区
New factory of Wafangdian Bearing Group Company Wafangdian Bearing Industry Park



汝阳污水处理厂
Ru Yang county sewage treatment factory



海南清水湾旅游度假区
Qingshuiwan tourist and holiday area in Hainan



郑州荣勋大厦
Rongxun building in Zhengzhou



洛阳钼都利豪国际饭店
Luoyang Mudulihao International Hotel

资质证书 Qualification certificate



工程设计乙级资质
Engineering design grade B quality

主要业绩 Major Achievements

- 1、全聚德三元金星食品有限公司新建熟食车间
New-built cooked food of San Yuan Jinxing Quanjude food Ltd. Workshop
- 2、河南华英农业发展有限公司—菏泽华英 4000 万每年肉鸭综合加工工业园
Henan huaying agricultural development co. LTD -Heze huaying 40 million annual duck comprehensive processing industrial park
- 3、张家口市崇礼区冬奥核心区污水处理厂及配套管网项目
Zhangjiakou chongli district winter Olympics core area sewage treatment plant and supporting pipe network project
- 4、安徽萧县生活垃圾填埋场
Rubbish bury area with capacity in Xiao county, Anhui
- 5、安阳卷烟配送中心项目
Anyang cigarette distribution center project
- 6、北京首都农业集团有限公司 - 金星鸭业北京鸭屠宰加工厂
The capital of Beijing agriculture group -Jinxing duck industry Beijing duck slaughtering factory
- 7、河北省怀来县官厅水库上游水生态湿地保护与修复工程
Protection and restoration project of upstream water ecological wetland in guanting reservoir, huailai county, hebei province

主要案例 Major Cases



全聚德三元金星食品有限公司新建熟食车间
New-built cooked food of San Yuan Jinxing Quanjude food Ltd. Workshop



河南华英农业发展有限公司—菏泽华英 4000 万每年肉鸭综合加工工业园
The Henan Hua Ying agriculture develops the synthetical processing industries of Zehuaying of Ltd. He 40 million/ years flesh duck garden



张家口市崇礼区冬奥核心区污水处理及配套管网项目
Zhangjiakou chongli district winter Olympics core area sewage treatment plant and supporting pipe network project



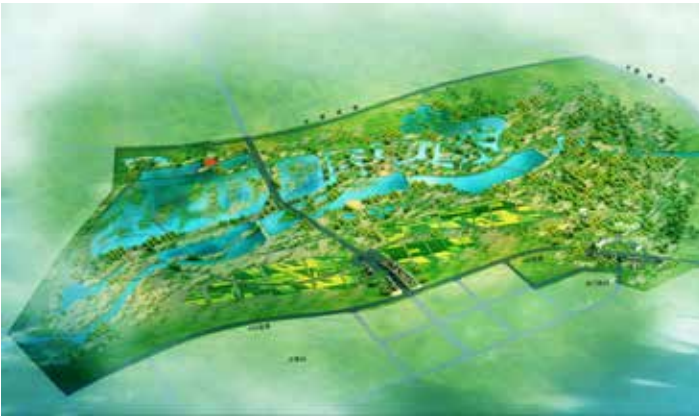
安徽萧县生活垃圾填埋场
Rubbish bury area with capacity in Xiao county, Anhui



安阳卷烟配送中心项目
Anyang cigarette distribution center project



北京首都农业集团有限公司—金星鸭业北京鸭屠宰加工厂
The capital of Beijing agriculture group -Jinxing duck industry Beijing duck slaughtering factory



河北省怀来县官厅水库上游水生态湿地保护与修复工程
Protection and restoration project of upstream water ecological wetland in
guanting reservoir, huailai county, hebei province

资质证书 Qualification certificate



工程咨询甲级资格
The project consults about first rate qualification

主要业绩

Major Achievements

- 1、中国轴承工业协会《全国轴承行业“十二五”发展规划》咨询报告（2011 年度机械工业优秀工程咨询一等奖）
China bearing industry association "The 12th five-year plan for the development of China's bearing industry"
- 2、沈阳罕王精密轴承有限公司大型精密轴承建设项目（一期）可行性研究报告（2011 年度机械工业优秀工程咨询二等奖）
Feasibility study report of large precision bearing construction project (phase I) of shenyang hanwang precision bearing co., LTD
- 3、洛阳 LYC 轴承有限公司《以科技创新推动产业全面升级改造项目》可行性研究报告（2011 年度机械工业优秀工程咨询一等奖）
- 4、张掖市 100 吨 / 污泥无害化处置工程可行性研究报告
Feasibility study report of 100 tons/sludge harmless disposal project in Zhangye
- 5、商丘市污泥无害化处置示范工程可行性研究报告
Feasibility study report of the demonstration project of harmless disposal of sludge in Shangqiu

资质证书

Qualification certificate



工程咨询单位乙级资信

Grade b credit of engineering consulting company

主要业绩

Major Achievements

- 1、本溪满族自治县观音阁新城（北区）污水处理工程可行性研究报告
Feasibility study report of sewage treatment project for Guanyingge new town, Benxi Manchu autonomous county
- 2、丰宁满族自治县生活垃圾中转设施建设及垃圾填埋工程项目申请报告
Domestic waste transfer facilities construction and landfill project application report for Fengning Manchu autonomous county

资质证书 Qualification certificate



工程造价甲级资质
Grade a qualification of Cost Engineering

主要业绩 Major Achievements

- 1、洛阳 LYC 轴承有限公司产业升级项目工程预算编制
Luoyang LYC axle bearing Ltd. industrial upgrading project project budget preparation
- 2、中国人民解放军 61129 部队综合楼施工图预算标底编制
Pre-tender estimate for construction drawing of comprehensive building for Unit 61129 of the people's liberation army
- 3、洛阳市第二中医院新建综合病房楼工程工程量清单及施工图预算招标控制价
Bidding control price for the budget of the bill of quantities and construction drawings of the newly built comprehensive ward building for Luoyang No.2 traditional Chinese medicine hospital

资质证书 Qualification certificate



城乡规划编制资质证书
Qualification certificate for urban and rural planning

主要业绩 Major Achievements

- 1、偃师新区修建性详细规划
Detailed planning of Yanshi New Area
- 2、长治工业园区规划
Industrial area planning in Changzhi Shanxi
- 3、西安杨家围城中村改造
Old town reform planning in Xi'an

主要案例 Major Cases



西安杨家围城中村改造
Old town reform planning in Xi'an



偃师新区修建性详细规划
Detailed planning of Yanshi New Area



长治工业园区规划
Industrial area planning in Changzhi Shanxi

资质证书 Qualification certificate



工程监理甲级资质
Grade a qualification of project supervision

主要业绩 Major Achievements

- 1、洛阳国税局
Luoyang National Tax Bureau
- 2、交通部办公楼维修改造及外立面翻新工程
Office renovation of Transportation Ministry in Beijing
- 3、马来西亚 CVM 公司厂区
CVM factory in Malaysia

资质证书 Qualification certificate



人防工程监理甲级资质
Grade A qualification of Civil air defense engineering supervision

主要业绩 Major Achievements

- 1、中央机构编制委员会办公楼
Office building of authorization committee of central government.
- 2、第二炮兵司令部缸瓦市 9033 工程 (建筑面积 3.4 万平方米)
Second Artillery Corps headquarters 9033 projects in Gangwa

资质证书

Qualification certificate



中华人民共和国特种设备设计许可证（压力容器）
 Design License of Special Equipmegt People's Republic of China (Pressure container)

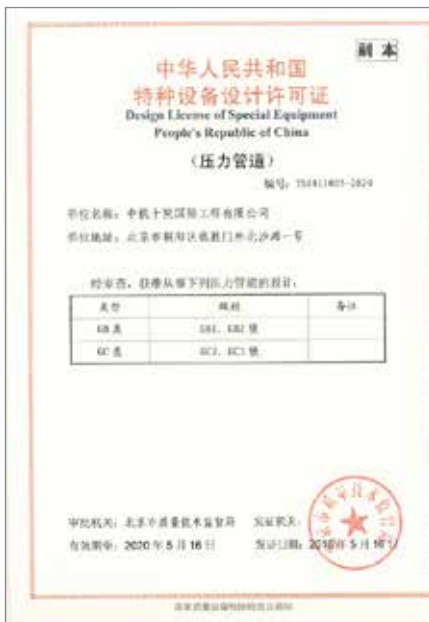
主要业绩

Major Achievements

- 1、洛阳奇锐热能技术服务有限公司水高效波纹管换热器设计
 Luoyang Qirui energy technical service Ltd. water water high-effect
- 2、洛阳创杰换热供水设备有限公司蒸汽分气缸设计
 Luoyang Chuangjie heat transfer equipment of water supply Ltd. Steam mark of air cylinder design
- 3、洛阳市吉安容器制造厂冷凝水扩容器
 Luo Yang City Ji An City container manufactory condensation water expands a container

资质证书

Qualification certificate



中华人民共和国特种设备设计许可证（压力管道）
 Design License of Special Equipmegt People's Republic of China (Pressure pipeline)

主要业绩

Major Achievements

- 1、洛阳绿都置业有限公司热水管道设计
 Luoyang Lvdu Ltd. hot water channel design
- 2、浙江五洲新春集团压缩空气管道设计
 Zhejiang Wuzhouxinchun Corp air compression channel design
- 3、洛阳理工学院蒸汽管道设计
 Luoyang college of science and engineering steam channel design



扫描关注国机集团国际化经营公众号



中国机械工业集团有限公司
China National Machinery Industry Corporation

地 址：北京市海淀区丹棱街3号
邮 编：100080
电 话：86-10-82688888
传 真：86-10-82688811
网 址：www.sinomach.com.cn