



山西新辉活性炭有限公司

SHANXI XINHUI ACTIVATED CARBON CO.,LTD.



公司简介

Company Introduction

山西新辉成立于2008年。目前主要由四部分组成：

Shanxi Xinhui was built in 2008, and here's four parts as following,



公司优势 Company Advantages



大同厂 Datong Factory

工厂面积 Area	占地面积 Floor space : 48000m ²	建筑面积 Covered area : 36000m ²
人员配备 Staffing	技术人员 Technicians: 28 -35	工人 Workers: 80-120
生产线 Working lines	压块车间 Agglomeration Workroom 炭化车间 Carbonization Workroom 活化车间 Activation Workroom 酸洗车间 Acid-washing Workroom 筛包车间 Sieving and Packing Workroom 制粉车间 Milling Workroom 化验室 Laboratory	
年产量 Annual output	炭化料 Carbonized material: 10000吨/tons 煤质活性炭 Coal based activated carbon: 5000吨/tons 酸洗炭 Acid-washing activated carbon: 2000吨/tons	



新疆厂 Xinjiang Factory

工厂面积 Area	占地面积 Floor space : 100000m ²	建筑面积 Covered area : 20000m ²
人员配备 Staffing	技术人员 Technicians: 8 -15	工人 Workers: 40-60
生产线 Working lines	炭化活化生产线 Activation and Carbonization Working line 全自动筛包生产线 Full-automatic Sieving and Packing Working lines 除尘磨粉生产线 Dedusting and Milling Working line 化验室 Laboratory	
年产量 Annual output	炭化料 Carbonized material: 50000吨/tons 煤质颗粒活性炭 Coal based granular activated carbon: 20000吨/tons 煤质粉状活性炭 Coal based powdered activated carbon: 20000吨/tons	



转炉 Converter





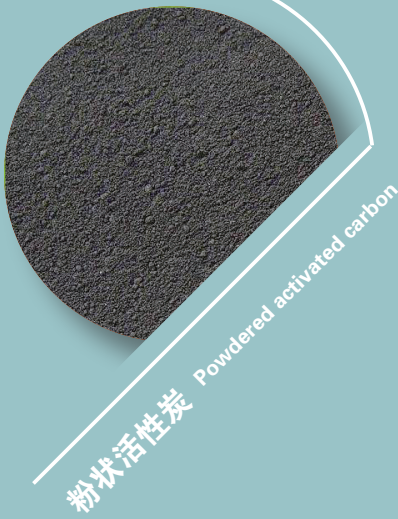
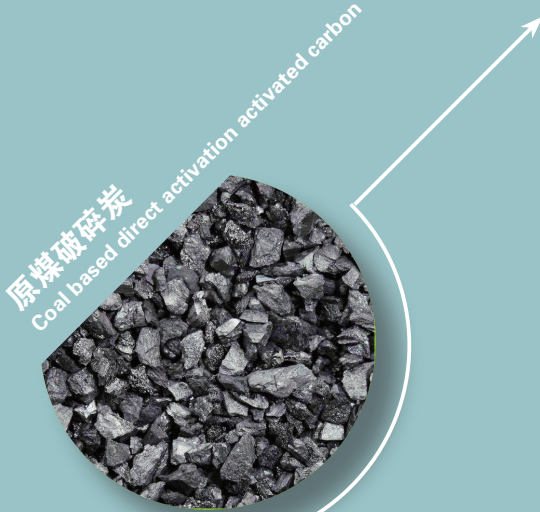
物流
Transportation



物流：山西仓库和天津仓库
Transportation: Warehouses in Shanxi Province, and Tianjin City.



核心产品 Our Flagship Products



● 原煤破碎炭 Coal based direct activation activated carbon

原煤破碎炭，以精选烟煤为原料，经原煤破碎，炭化，活化等系列工艺加工而成。此炭以其强度高、孔隙发达、比表面积大，尤其微孔容积大而独具优点。山西新辉生产的原煤破碎炭对各种水中的有机质、游离氯以及空气中有害气体有极强的吸附能力，是城市饮用水深度净化、生活污水处理、工业废水处理的优良吸附剂。

Direct activation activated carbon, which raw material is bituminous coal, is made by the production process of crushing, carbonization and activation. This kind of products have the advantages of high hardness, developed pores, large specific surface area, and large micropore's volume. Shanxi Xinhui's direct activation activated carbons can be used for removing organic materials and free chlorine in water treatment, and adsorbing harmful gases in the air. It is an excellent adsorbent for drinking water, sewage water, and industrial wastewater treatment.

● 压块破碎炭 Coal based agglomeration activated carbon

压块破碎炭，以精选多种煤为原料，经配煤，磨粉，压块等多种工艺加工而成。此产品性能稳定，中微孔发达，亚甲蓝高，灰分低，零漂浮，吸附能力强，吸附容量大，截污能力好，再生损耗较低，非常适合水处理的深度处理环节。

Agglomeration activated carbon, which raw material is more than one kind of selected bituminous coals, is made by the process of blending, powdering, briquetting and other steps. The advantages are stable performance, developed micropores and mesopores, high methylene blue, low ash content, zero floatage, high adsorbing ability, large adsorbing volume, nice entrapment capacity, and low loss in regeneration process. It is well suitable for advanced water treatment process.



压块活性炭
Coal based agglomeration
activated carbon

● 粉状活性炭 Coal based powdered activated carbon

粉状活性炭，以优质原煤为原料，由颗粒炭或柱状炭磨粉而成，在处理突发性水污染、工业污染物及垃圾焚烧方面有很好的应用。

Powdered activated carbon, which raw material is strictly selected coals, is made by powdering granular or extruded activated carbons. This kind of products is well used for emergency water pollution, industrial pollution, garbage burning and other applications.

● 柱状活性炭 Coal based extruded activated carbon

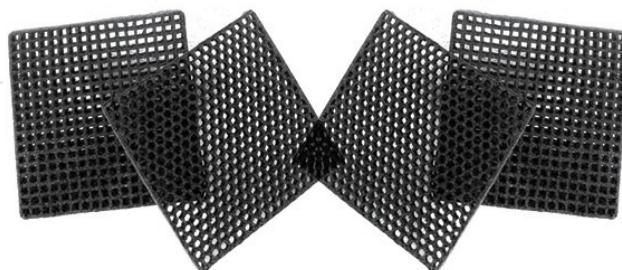
柱状活性炭，以精选无烟煤为原料，经制粉，黏合，高压挤压等系列生产工艺精加工而成。外观呈黑色圆柱形颗粒，被广泛应用于气体处理、污水处理、脱硫脱硝、溶剂回收、制氮机、空气分离设备等多个领域。

Extruded activated carbon, raw material is strictly selected anthracite, is made by powdering, bonding, high pressure extruding, and other production technology processes. It is black cylindrical granule, and is widely used in the application of air purification, sewage water treatment, desulfurization and denitrification, solvent recovery, nitrogen making machine, air separation plant, and so on.

● 其他活性炭 Other kinds of activated carbon

山西新辉可以根据客户的需求而生产各类规格的成型炭，蜂窝炭及其他活性炭。

Shanxi Xinhui can produce kinds of molding activated carbon, honeycomb activated carbon and others as customers' requirements.



饮用水处理

Drinking Water Treatment

全球健康用水已成为最稀缺的资源之一。经调查研究，不洁饮用水已成为威胁人类健康的重要因素之一。山西新辉为一直致力于改善各类被污染水源及水质的研究，并竭诚为饮用水处理领域贡献自己的绵薄之力。

Clean water has become one of the rarest resource in the world. An investigation shows that drinking unclean water has become one of the harmful matters to human's health. Shanxi Xinhui is trying to improve kinds of polluted water source and water quality. Contributing our effort of improving drinking water is one of our main goals.

适用产品/ Suitable Products: XHA; XHD; XHP.



水处理用煤质活性炭 Coal-based Activated Carbon for Water Treatment

型号 Type	指标 Spec	粒径 Particle size mm	碘值 Iodine No. mg/g	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHE-30		—3.0	300—1100	≤5.0	≥90	400—650
XHE-25		—2.5	300—1100	≤5.0	≥90	400—650
XHE-20		—2.0	300—1100	≤5.0	≥90	400—650
XHE-15		—1.5	300—1100	≤5.0	≥90	400—650
XHD-816		2.5—1.25	350—1100	≤5.0	≥90	350—550
XHD-830		2.5—0.6	350—1100	≤5.0	≥90	350—550
XHD-1240		1.6—0.45	350—1100	≤5.0	≥90	350—550
XHA-48		4.75—2.5	350—1100	≤5.0	≥90	350—550
XHA-816		2.5—1.25	350—1100	≤5.0	≥90	350—550
XHA-830		2.5—0.6	350—1100	≤5.0	≥90	350—550
XHA-1240		1.6—0.45	350—1100	≤5.0	≥90	350—550
XHP-100		—0.154	300—1050	≤5.0		
XHP-200		—0.074	300—1050	≤5.0		
XHP-325		—0.045	300—1050	≤5.0		

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

污水处理

Waste Water Treatment

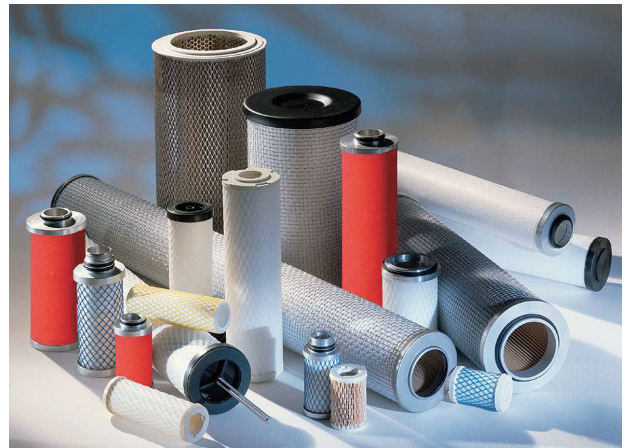


污水处理，是为使污水达到排水到某一水体或达到再次使用的水质要求而对其进行净化的过程。污水处理被广泛应用于建筑、工业、农业、能源、石化、城市景观等各个领域。山西新辉生产的污水处理炭能够快速有效的降低水中COD，臭味，色度等，使被污染水体达到国家相关排放标准。

Sewage water treatment is a purification process of improving the water quality so that the water can meet the requirements of drainage or reuse. Sewage water treatment is widely used for construction, industry, agriculture, energy, petrochemical, urban landscapes, and other fields. Shanxi Xinhui products for sewage water can effectively reduce COD, adsorb odor, color and other harmful matters, so that the water can meet the national drainage and reuse laws.

适用产品/ Suitable Products: XHA; XHD; XHP.

滤芯专用 For Filters



滤芯，用于过滤净化功能，为了净化原流体的资源或资源的分离简便装置，主要用在油过滤、空气过滤、水过滤等过滤行业。山西新辉生产的滤芯专用炭，集吸附、过滤、截获于一体，能有效去除水中的有机物、余氯及其他放射性物质，同时有脱色、去除异味的功效，是液体和空气净化行业中较为理想的新型换代产品。

Filters are used for filtering and purifying liquid or gases, so that removing or separating the materials you need. It is mainly used for oil industry, air purification, water treatment and other industry. Shanxi Xinhui products for filters, which has the function of adsorption, filtration, and interception, can effectively remove the organic matters, residual chlorine and other radioactive materials from the water. Meanwhile, with the function of decoloration and odor removal, Xinhui activated carbons for filter are the nice and new generation products for liquid treatment and air purification.

适用产品/ Suitable Products: XHA; XHD.

净化空气

Air Purification

随着近年来全球工业的日益发展，环境污染问题也越发突出。经科学证实，这些污染气体对人体，尤其是孕妇、儿童、老人影响极大，会导致呼吸道疾病、癌症、白血病、神经疾病等。山西新辉生产的活性炭可以快速有效的脱除空气中的污染物，从而为您提供一个洁净舒适的生活空间。

With the improving of global industry, environmental pollution has become more and more serious in recent years. The scientific research says that these pollutant gases are very harmful for the human health, especially pregnant women, children, and the elders. It will lead to respiratory diseases, cancer, leukemia, neurological diseases and so on. Shanxi Xinhui activated carbons can effectively remove the pollutants in the air, and providing us a clean and comfortable living space.

适用产品/ Suitable Products:
XHE; XHP



净化空气用煤质活性炭 Coal-based Activated Carbon for Air Purification

型号 Type	指标 Spec	粒径 Partical size mm	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHEK-40		—4.0	50—120	≤ 3.0	≥ 90	350—650
XHEK-30		—3.0	50—120	≤ 3.0	≥ 90	350—650
XHEK-15		—1.5	50—120	≤ 3.0	≥ 90	350—650

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

垃圾焚烧 Garbage Burning



垃圾焚烧法已成为城市垃圾处理的主要方法之一。将垃圾用焚烧法处理后，垃圾能减量化，节省用地，还可消灭各种病原体，将有毒有害物质转化为无害物。新辉活性炭可有效的吸附垃圾焚烧时产生的重金属，二噁英，呋喃等有毒有害气体。

Garbage burning is one of the main treatment for urban waste disposals. After the burning, not only waste energy can be reduced, and spaces can be saved, but also various pathogens can be removed, and toxic and harmful substances can be converted to harmless materials. Xinhui Activated carbon can effectively adsorb heavy metals, PCDDs, PCDFs and harmful gases during the garbage burning.

适用产品/ Suitable Products: XHP

垃圾焚烧用煤质活性炭 Coal-based Activated Carbon for Garbage Burning

型号 Type	指标 Spec	粒径 Partical size mesh	碘值 Iodine No. mg/g	堆积重 Bulk density g/L	水分 Moisture content %
XHPL-1		100	300—1050	320—600	≤ 5.0
XHPL-2		200	300—1050	≤ 450	≤ 5.0
XHPL-3		300	300—1050	360—400	≤ 5.0

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

溶剂回收 Solvent Recovery



山西新辉生产的溶剂回收用炭，主要应用于高端空气净化或各种气体溶剂回收领域，如苯，甲苯等气体溶剂。此产品选用优质无烟煤作为原料精制而成，外形为柱状，具有强度高，吸附速度快，吸附容量高，比表面积较大，孔隙结构发达等优点。

Shanxi Xinhui activated carbons for solvent recovery is mainly used for the applications of high-end air purification or solvent recovery for various gas areas, such as benzene, toluene and other solvent. This kind of products is made from strictly selected anthracite, with columnar shape, it has the advantages of high hardness, high-efficiency adsorption, high adsorption capacity, large specific surface area, developed pores, and so on.

适用产品/ Suitable Products: XHE; XHI.

回收溶剂用煤质活性炭 Coal-based Activated Carbon for Solvent Recovery

型号 Type	指标 Spec	粒径 Partical size mm	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHER-40		—4.0	50—120	≤ 5.0	≥ 90	350—550
XHER-30		—3.0	50—120	≤ 5.0	≥ 90	350—550
XHER-15		—1.5	50—120	≤ 5.0	≥ 90	350—550

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

脱硫脱硝

Desulfurization and Denitrification



脱硫脱硝技术，主要应用于多氮氧化物、硫氧化物生成的化工工业领域。氮氧化物、硫氧化物是空气污染的主要来源之一。山西新辉生产的活性炭已成功应用于火力发电厂烟气，有色金属冶炼尾气的高效脱硫、脱硝以及燃油、燃气、燃煤、炼钢厂等众多领域的脱硫脱硝。

Desulfurization and denitrification technology is mainly used in the chemical industry of producing more nitrogen oxides and sulfur oxides. Nitrogen oxides and sulfur oxides are one of the main sources of air pollution. Shanxi Xinhui activated carbons are successfully used for removing smokes in thermal power plant, high efficiency desulfurization from nonferrous metals smelting, denitrification, oil, gas, coal, steel plant, and other industry.

适用产品/ Suitable Products: XHE

脱硫脱硝用煤质活性炭 Coal-based Activated Carbon for Desulfurization and Denitrification

型号 Type	指标 Spec	粒径 Particle size mm	碘值 Iodine No. mg/g	堆积重 Bulk density g/L	脱硫值 Desulfurization g/L	脱硝率 Denitrification %	耐磨强度 Abrasive resistance %	耐压强度 Compressive strength kgf
XHET-100		—10.0	350—450	—580	≥20	≥40	≥97	≥35
XHET-50		—5.0	350—450	—580	≥20	≥40	≥97	≥35
XHETD-35		3—5	350—450	—580	≥20	≥40	≥97	≥35

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

脱硫用煤质活性炭 Coal-based Activated Carbon for Desulfurization

型号 Type	指标 Spec	粒径 Partical size mm	饱和硫容量 Saturated sulfur capacity mg/g	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHEL-40		—4.0	800—900	≤ 5.0	≥ 90	450—550
XHEL-30		—3.0	800—900	≤ 5.0	≥ 90	450—550
XHEL-15		—1.5	800—900	≤ 5.0	≥ 90	450—550

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

其他领域

Others

山西新辉一直致力于活性炭的生产、应用及创新领域的开发，我们愿意为全球的环保事业敬献一份绵薄之力。

Shanxi Xinhui has been committed to the development of activated carbon production, application and innovation, and we are trying our best to improve the global environment in our life.

适用产品/ Suitable Products: 按照客户指定 / As customers' requirements.

触媒载体用煤质活性炭 Coal-based Activated Carbon for Catalyst Carrier or Catalyst

型号 Type	指标 Spec	粒径 Partical size mm	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHEC-40		—4.0	50—120	≤ 5.0	≥ 90	400—600
XHEC-30		—3.0	50—120	≤ 5.0	≥ 90	400—600
XHEC-25		—2.5	50—120	≤ 5.0	≥ 90	400—600
XHEC-20		—2.0	50—120	≤ 5.0	≥ 80	450—530
XHEC-15		—1.5	50—120	≤ 5.0	≥ 85	450—530
XHEC-09		—0.9	50—120	≤ 5.0	≥ 73	450—510

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

防护用煤质活性炭 Coal-based Activated Carbon for Protection

型号 Type	指标 Spec	粒径 Partical size mm	苯蒸汽防护时间 Benzene service life min	氯乙烷蒸汽 防护时间 Ethyl chloride service life min	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHEF-15		—1.5	25—70	20—55	≤ 5.0	≥ 90	430—650
XHEF-09		—0.9	25—70	20—55	≤ 5.0	≥ 85	430—650

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

变压吸附用煤质活性炭 Coal-based Activated Carbon for Pressure-Swing Adsorption

型号 Type	指标 Spec	粒径 Partical size mm	碘值 Iodine No. mg/g	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度Hardness %	装填密度 Apparent density g/L
XHEB-3060		—3.0	850—1150	50—120	≤ 5	≥ 96	490—530
XHEB-1560		—1.5	850—1150	50—120	≤ 5	≥ 90	490—530

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

高效吸附用煤质活性炭 Coal-based Activated Carbon for High Efficient Adsorption

型号 Type	指标 Spec	粒径 Partical size mm	碘值 Iodine No. mg/g	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHEG-40		—4.0	800—1100	50—120	≤ 5.0	≥ 90	300—550
XHEG-30		—3.0	800—1100	50—120	≤ 3.0	≥ 90	300—550
XHEG-15		—1.5	800—1100	50—120	≤ 3.0	≥ 90	300—550

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

黄金提取用椰壳活性炭 Coconut Shell-based Granular Activated Carbon for Gold Mining

型号 Type	指标 Spec	粒径 Partical size mm	碘值 Iodine No. mg/g	四氯化碳吸附率 C.T.C %	水分 Moisture content %	强度 Hardness %	装填密度 Apparent density g/L
XHY-612		3.5—1.6	≥ 1000	≥ 60	≤ 10	≥ 90	300—450
XHY-816		2.5—1.2	≥ 1000	≥ 60	≤ 10	≥ 90	300—450

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

超级电容炭 Activated Carbon for EDLC

型号 Type	指标 Spec	粒径 Particle Size d50 μm	电容量 Capacitance F/g	灰分 Ash content %	水分 Moisture content %	比表面积 BET m ² /g	装填密度 Apparent density g/ml	PH
DRS		10—11	≥ 270	≤ 0.4	6.0	≥ 1800	0.36—0.45	5—7
DRO		8—11	≥ 160	≤ 0.3	3.0	≥ 2300	0.30—0.36	6.5—10

备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

成型炭 Molding Activated Carbon

型号 Type	指标 Spec	碘值 Iodine No. mg/g	工作压力 Working pressure KPA	压降水流量 Pressure precipitation flow KPA	工作温度 Operating temperature °C	比表面积 BET m ² /g	水流阻力 (25mm 炭层下) Flow resistance (Under 25mm coal bed) KPA	C.T.C %
XH-CQ		500—1400	200—1000		-50—200	500—1500		35—120
XH-CY		500—1400	200—1000	20—100 KPA per 1—4 L/min	-50—200	500—1500	20—150	35—120

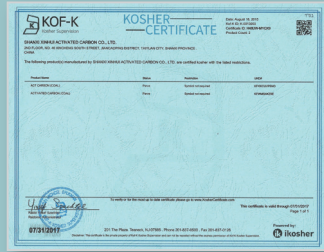
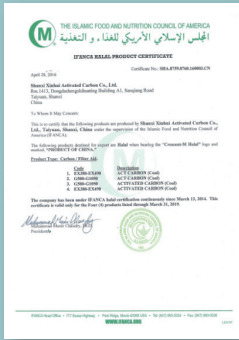
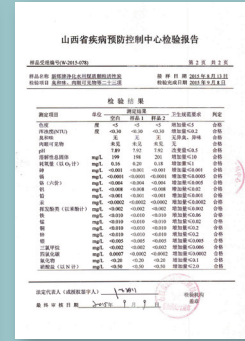
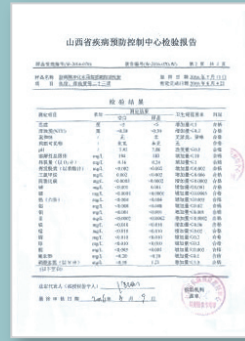
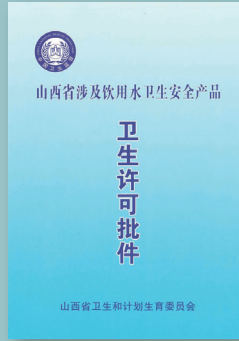
备注：可按用户的特殊要求供货。Our products can be provided according to customers' requirements.

公司资质

Xinhui Certificates

ISO9001—2008标准质量体系认证, 山西省涉水卫生安全许可证, NSF产品质量认证, 清真食品认证(国际Halal认证), 犹太Kosher食品认证。

ISO9001—Quality System Certificate, Certificate related with purifying and potable water, NSF Certificate, International Halal Certificate, and Kosher Certificate.



公司业绩

Company Performance

1. 康达环保(高密)水务有限公司
Kangda Enviromental Protection (Gaomi) Water Co.,Ltd.
2. 石家庄高新技术开发区污水处理厂
Shijiazhuang Hi-tech Development District Waste water treatment
3. 浙江绍兴滨江新区污水处理厂
Zhejiang Shaoxing Binhai New District Sewage Water Treatment Project
4. 浙江上虞污水处理厂
Zhengjiang Shangyu Sewage Water Treatment Factory;
5. 南通能达水务有限公司(王子制纸有限公司污水处理一期/二期工程)
Nantong Nengda Water Company
(OJI Group First/Second Sewage Water Treatment Project)
6. 宁夏中卫工业园区污水处理厂
Ningxia Zhongwei Industrial Waste water treatment
7. 湖南衡阳自来水厂
Hunan Henyang Water Plant
8. 大连松木岛自来水厂
Dalian Songmu Island Water Plant
9. 江西洪城水业有限公司
Jiangxi Hongcheng Waterworks Co.,Ltd.
10. 浙江柯桥水务有限公司
Zhengjiang Keqiao Water Co.,Ltd.
11. 山西襄汾县光大焦化气源有限公司
Shanxi Xiangfen Guangda Coking and Air Source Co.,Ltd.

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