



格瑞德
让人工环境更美好
GRAD-MAKE THE ARTIFICIAL ENVIRONMENT BETTER

山东格瑞德集团 SHANDONG GRAD GROUP

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Make the artificial environment better

让人工环境更美好

一站式空调工程服务让人工环境更加舒适、**安心**
现代化通风人防工程让人工环境更加安全、**放心**
专业化的环保工程让人工环境更加清洁、**舒心**
前沿化的复合材料产品让人工环境更加便利、**省心**

One-stop air conditioning engineering services to make the artificial environment more comfortable and secure.

Modern ventilation and air defense engineering make the artificial environment safer and more assured.

Specialized environmental protection engineering makes the artificial environment cleaner and more comfortable.

Leading-edge composite products make the artificial environment more convenient and easy.



大德
厚世

LOFTY VIRTUE WITH BLISS

认识格瑞德 To Learn about Grad
企业文化 Enterprise Culture
大事记 Events

德行
致远

MORAL INTEGRITY WITH SUSTAINABILITY

产业领域: INDUSTRY:
空调工程 Air Conditioning Engineering
通风人防 Ventilation
环保工程 Environmental Protection Engineering
复合材料 Composite Material



瑞德
兴业

BRILLIANT CHARACTER FOR INDUSTRY

全产业链: ALL THE INDUSTRIAL CHAIN:
研发 Research
设计 Design
制造 Production
检测 Test
安装 Installation
销售 Sales
维保 After Sale Service

怀德
长合

HIGH QUALITY IN THE LONG RUN

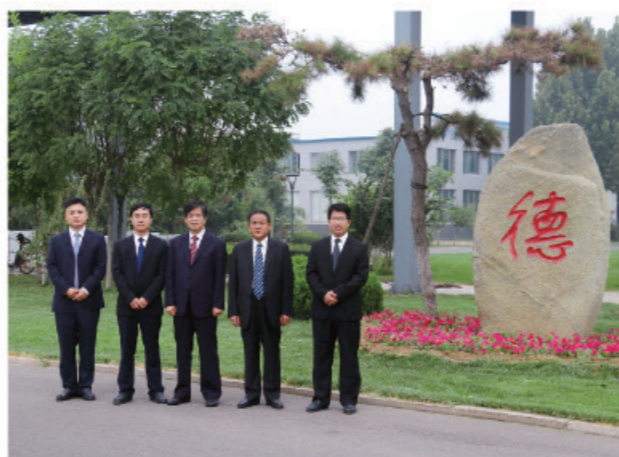
交流合作 Communication and Cooperation
工程案例 Engineering Case
战略合作 Strategy Cooperation
发展目标 Development Objective
结束语 Conclusion





TO LEARN ABOUT GRAD 认识格瑞德

格瑞德 1993 年建立于山东德州，目前是一家围绕人工环境，横跨新能源、新材料、装备制造、节能环保、信息技术五大战略新型产业的企业集团。格瑞德进行全球化业务运作，产品和服务遍布全国的每一个省市和全球五大洲的 100 多个国家和地区，广泛应用于建筑工程、商业地产、工业制造、农业开发、电子信息、车辆工程、环保处理、医药净化、海洋工程、轨道交通等领域，集团也是国家重点军工配套企业。格瑞德从业人员过万人，在山东、贵州、四川、新疆、内蒙等地建有生产基地，在上海、北京、济南、兰州以及美国洛杉矶建有研发中心。



格瑞德致力于让人工环境更美好，通过打造空调工程、通风人防、复合材料、环保工程领域的全过程解决方案来满足客户需求，格瑞德构建了包括品牌规划、系统设计、技术开发、产品制造、整体施工、维护服务、检测认证、人才交流、产业集群的全生命周期产业链和产业生态。

创新和变革，格瑞德通过 650 多项专利技术成果的实现和应用，通过商业模式的不断革新和与时俱进，成就了国家企业技术中心、中国机械 500 强和中国新材料企业重点单位的行业地位殊荣。万里路途，不忘初心，时序更替，梦想前行，我们将继续本着“自强不息，厚德载物”的企业精神创建一流企业，实现百年基业。

GRAD Group founded in 1993 in Dezhou, Shandong province, that is an enterprise Group focusing on the artificial environment, and spanning five strategic new industries of new energy, new materials, equipment manufacturing, energy conservation and environmental protection, and information technology. GRAD products and services spread around the China and world with 100 countries and regions. They are widely used in infrastructure projects, commercial real estate, industrial manufacturing, agricultural development, electronic information, automobile engineering, medicine, environmental protection treatment, ocean engineering, rail transportation and other fields. GRAD Group is also the key supporting enterprises for national military. With more than 10,000 employees, GRAD Group owned the production bases in Shandong, Guizhou, Sichuan, Xinjiang, Inner Mongolia and so on. And GRAD Group has established R&D centers in Shanghai, Beijing, Jinan, Lanzhou and Los Angeles.

GRAD is committed to make artificial environment better. It can be met customer demand through building all process solution of air conditioning engineering, ventilation civil air defense, composite materials and environmental protection engineering. GRAD constructed the whole life cycle industrial chain and industry ecology including brand planning, system design, technology development, product manufacturing, the overall construction and maintenance services, inspection certification, talent exchange and industrial cluster.

Innovation and reform, GRAD had established the National Enterprise Technology Center, and gained top 500 China Machine and China's new materials enterprise key units through the realization and application of more than 650 patented technology achievements, through the continuous innovation of business model and keeping pace with the times. Thousands of miles of road, do not forget the original intention, time replacement, dream forward, we will continue to the enterprise spirit with "self-improvement, social commitment" to create a first-class enterprise and achieve a centennial foundation.



THE SPIRIT OF ENTERPRISE
企业精神

自强不息 厚德载物

Self-improvement and social commitment.

VALUES
价值观

以德为基 以人为本 顾客至上

Based on morality, oriented by people and consumers first.

VISION
愿景

培育卓越人才 成就百年基业

Cultivate outstanding talents and
achieve the centennial foundation.

MISSION
使命

让人工环境更美好

Make the artificial environment better.



GRAD IMPORTANT EVENTS 格瑞德大事记



INDUSTRY 产业领域

格瑞德集团主要产业涵盖空调工程、复合材料、通风人防、环保工程四大领域。

The main industries of Grad Group include air conditioning engineering, Composite material, Ventilation and environmental protection engineering.



空调工程
Air Conditioning Engineering



格瑞德致力于提供各类居住、生活、生产、工作、社交环境需求的空调温湿度、洁净环境的服务，包括解决方案、系统设计、产品提供、系统安装维护以及整体能源控制。

Grad is committed to the establishment of clean environment and air conditioning temperature and humidity environment which is meeting the demand of all kinds of residential, living, production, work, social environment and our service including solutions, system design, product supply, system installation and maintenance and overall energy control.



通风人防
Ventilation



格瑞德提供公用、民用各类空间的通风、消防、排烟、人防要求相适应的解决方案优质产品和工程服务。

Grad provides solutions, high quality products and engineering services that meet the requirements of ventilation, fire protection, smoke exhaust in all kinds of public and civil spaces.



环保工程
Environmental Protection Engineering



格瑞德集团致力于挥发性有机废气治理、固体废弃物安全处理处置、高浓度废水等净化处理工程，提供方案论证、工程设计、施工管理、安全运营、维护保养、清洁生产、环境建设等综合环保解决方案。

Grad Group is committed to the treatment of volatile organic waste gas, solid waste safety treatment and disposal, high concentration of wastewater and other purification projects, providing comprehensive environmental protection solutions such as program demonstration, engineering design, construction management, safe operation, maintenance, clean production, and environmental construction.



复合材料
Composite Material



格瑞德集团建有国内一流的复合材料科研、生产基地，涵盖真空导入、热塑、模压、缠绕、手糊等各大工艺，广泛应用于航空航天、风力发电、新能源汽车、市政、水利、石化、体育器材等各产业。

Grad Group has a domestic first-class composite material research and production base, covering thermoplastic, molding, winding, hand paste and other major processes, widely used in wind power, new energy vehicles, municipal, water conservancy, petrochemical, sport equipment and other industries.



THE WHOLE INDUSTRIAL CHAIN HAS
ACHIEVED NEW HEIGHT

全产业链成就行业新高度

格瑞德集团打造全产业链合作平台，由品牌规划、系统设计、技术开发、产品制造、整体施工、维护服务、检测认证、人才交流、产业集群九大中心组成，提供办公、培训、配送、技术、设计、制造等各种专业服务。

Grad Group creates the cooperation platform of the whole industrial chain, which is composed of nine centers of brand planning, system design, technology development, product manufacturing, overall construction, maintenance service, testing and certification, talent exchange, and industrial cluster, providing various professional services such as office, training, distribution, technology, design and manufacturing.



"FOUR FIRST-CLASS" GUARANTEE THE WHOLE
INDUSTRIAL CHAIN OF GRAD

"四个一流"全面保障格瑞德全产业链

一流的运营管理，一流的系统工程，一流的全程服务，一流的产业集团，格瑞德打造“四个一流”企业，通过研发、设计、制造、检测、销售、安装、维保全环节的整体项目承揽，结合客户的资源与需求，定制专属方案，物有所值，效果最佳，超越客户预期，提供贴身超值服务，做客户永久的伙伴。

Grad build "four first-class enterprise" which includes first-class management, first-class system engineering, first-class whole-process service, and first-class industrial Group. Grad Group combines with customer resources and needs to customize exclusive programs through R & D, design, manufacturing, testing, sales, installation, maintenance and security links of the overall project contract. So our products are beyond the customer expectations and the effect is the best. Definitely we provide close-fitting and super-value service and become the customer's permanent partner.

R&D
研发

Experienced R&D ability
雄厚的技术研发实力

格瑞德集团是国家级博士后科研工作站，建有人工环境产业设计研究院，拥有省级企业技术中心、物联网及自控工程技术研究中心、能源综合利用工程技术研究中心、环保装备应用工程技术研究中心、复合材料应用工程技术研究中心等 5 大技术中心，600 余项专利技术成果，参与 14 项国家及行业标准制定。31 个研究定向小组，29 名首席工程师，可根据客户需要进行定制化产品开发。

Grad Group is a national post-doctoral scientific research workstation, and has established the artificial environment industry design and research institute. Grad Group owned five big technology centers like provincial enterprise technology center, Internet of things and automatic control engineering technology research center, energy comprehensive utilization engineering and technology research center, environmental protection equipment engineering technology research center, composite material application engineering technology research center and so on. Grad Group has gained more 600 patents technology achievements, and it had drafted 14 national and industry standards. There are 31 research orientation teams and 29 chief engineers. It can offer customization production development according to customer's requirement.

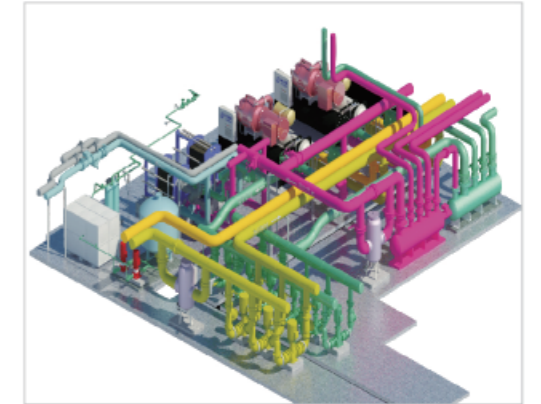


DESIGN
设计

格瑞德集团拥有 37 名高级工程师，164 名中级工程师，提供整体工程、BIM 安装、节能改造、现场施工、整体造价等各个方面的系统优化设计服务。

Grad Group owns 37 senior engineers and 164 intermediate engineers to provide overall project, BIM installation, energy saving renovation, site construction, overall cost of construction and other system optimization design service.

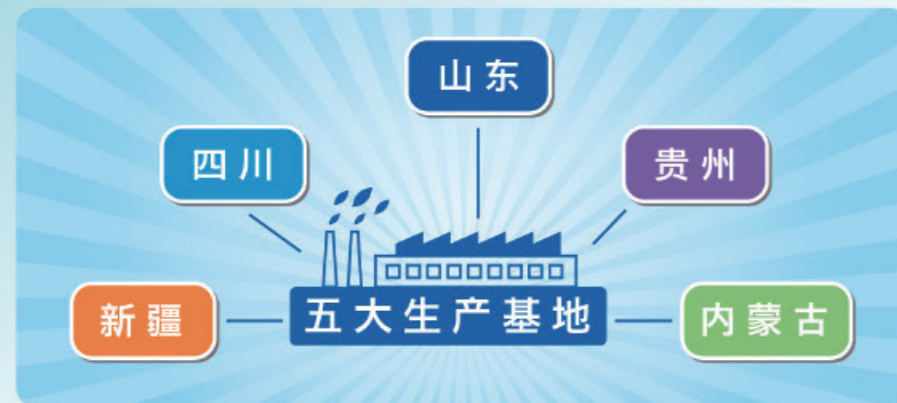
高级工程师 37 人	37 senior engineers.
中级工程师 164 人	164 intermediate engineers.
一级建造师 92 人	92 first class constructors.
二级建造师 64 人	64 second class constructors.
高级技工及以上 67 人	67 senior technicians and above.



PRODUCTION
制造

山东、贵州、四川、新疆、内蒙古等五大生产基地；总占地 100 万平米，涵盖空调工程、复合材料、通风人防、环保工程 4 大业务板块，拥有 30 多条生产线。

We own Shandong, guizhou, sichuan, xinjiang, Inner Mongolia production base and other production bases, covering 1000000sqm2. The enterprise covers four business scope of air conditioning engineering, composite material, ventilation, and environmental protection engineering, with more than 30 production lines.



5 大生产基地

4 大业务板块

30 多条生产线



TEST
检测

The first-class inspection strength ensures the first-class product quality
一流的检测实力，成就一流的产品品质

格瑞德集团拥有国家级制冷空调综合性能检测基地，国家级复合材料综合性能检测基地，检测中心通过 CNAS 和 GMPI 认证，全面检测确保产品品质。

Grad Group has a national comprehensive performance testing base for refrigeration and air conditioning, a national composite material comprehensive performance testing base. And the testing center has passed the CNAS and GMPI certification to ensure product quality.



INSTALLATION
整体安装

格瑞德集团拥有国家建筑机电安装工程、机电工程施工总承包、消防设施工程、环保工程、市政公用工程、电力工程、石油化工、电子与智能化、施工劳务资质。并新获取了医疗器械经营许可证、危险化学品罐体生产许可证等。集团成功入选“2022年度知识产权强国建设示范企业”推荐名单、“国家知识产权示范企业”及“国家认定企业技术中心”。以做工业品的标准做安装，采用 BIM 设计、工厂预制等方式，引领空调行业安装典范，目前参建工程项目上万个，多次荣获国家优质工程奖。



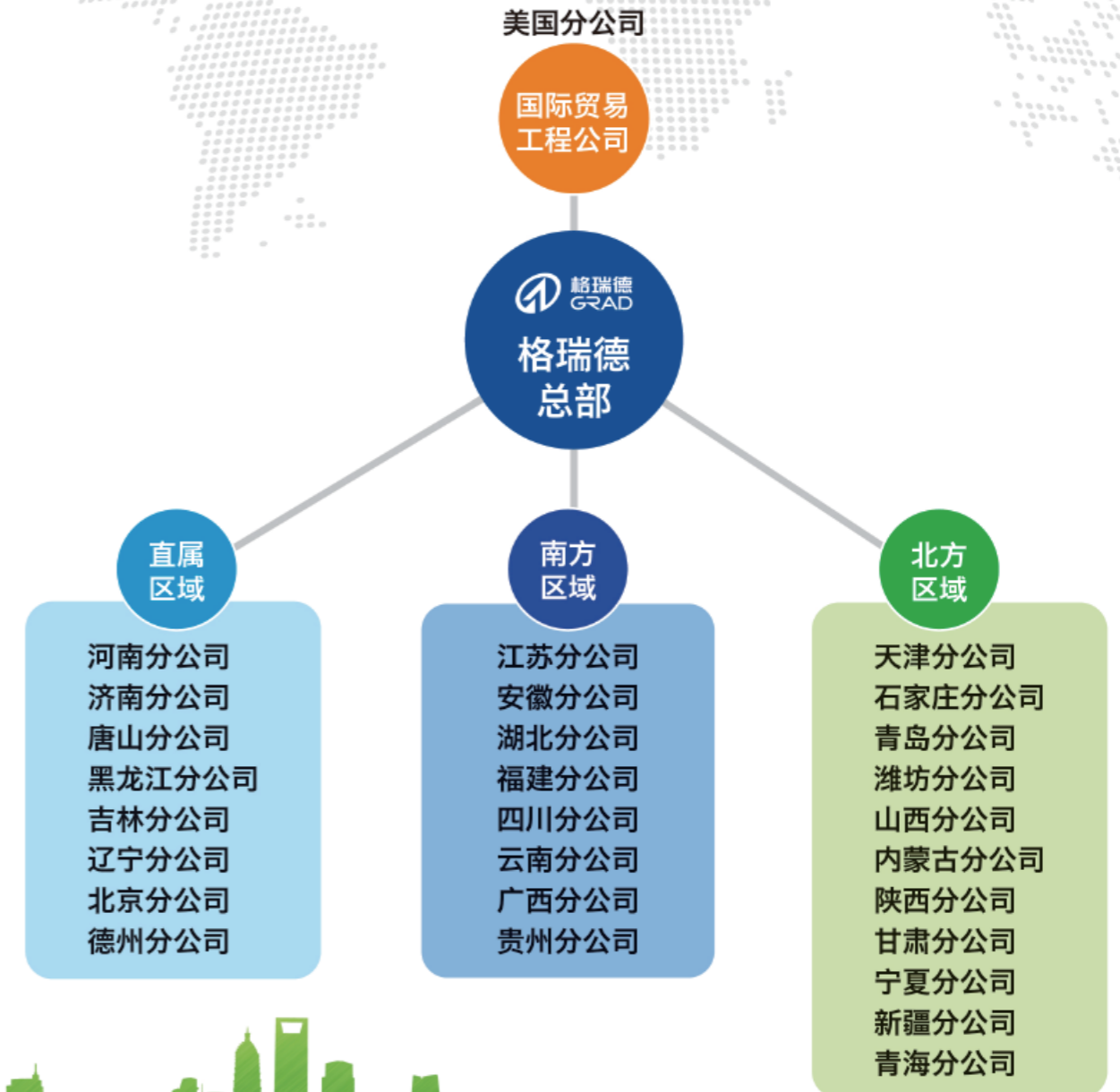
GRAD Group has the qualifications of national construction mechanical and electrical installation engineering, general contracting of mechanical and electrical engineering construction, fire-fighting facilities engineering, environmental protection engineering, municipal public engineering, electric power engineering, petrochemical industry, electronic and intelligent, construction labor service. And the latest obtained a medical equipment business license, hazardous chemical tank production license. The Group has been successfully selected into the recommended list of "Demonstration Enterprises for Building a Powerful Intellectual Property Country in 2022", "National Intellectual Property Demonstration Enterprises" and "National Recognized Enterprises Technology Center". With the standard of industrial products for installation, adopt BIM design, factory prefabrication and other ways, leading the installation model of air conditioning industry. At present, we have participated in the construction of tens of thousands of engineering projects and won the National Quality Engineering Award for many times.



SALES
销售

3 个销售大区，27 个区域分公司，1000 多名代理商，3000 多名业务经理。国际贸易工程公司，布局全球业务。

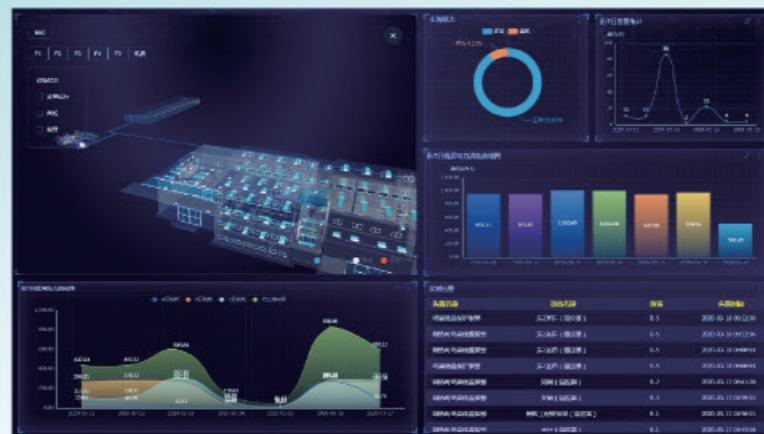
There are three large sales area, twenty-seven regional branches, more than one thousand agents and more than three thousand business managers. International trade engineering company has carried out layout of global business.



AFTER SALE SERVICE
维保

格瑞德集团区域分公司 27 家，建有美国分公司，在全球拥有国际代理商及合作客户 100 余家，在半个工作日（4 小时）内做好前期准备，省内 24 小时，省外 48 小时内到现场解决。搭建设备云在线实时监控平台，在国内外建立了完善的销售服务网络。格瑞德集团结合客户资源与需求，定制专属方案，超越客户预期，物有所值，效果最佳，提供贴身超值服务，做客户永远的伙伴。

Grad Group has 27 regional branches and also has a branch in the United States. We have more than 100 international agents and cooperative customers around the world, 4 hours preparation after information; Arrived at the scene within 24hours for shandong province project or 48 hours for other province project. Set up online real-time monitoring platform of equipment. We have established a complete sales and service network at home and abroad. Grad Group combines with customer resources and needs to customize exclusive solution, so our products is beyond the customer expectations, and it is best effect. Definitely we provide close-fitting and super-value service and become the customer's permanent partner.



COMMUNICATION AND
COOPERATION
交流合作

格瑞德参加各类制冷展、复材展、环保展近100场次。

年均接待商会、设计院、协会各类领导300多人。

年均参加暖通、汽车、复合材料、环保等各类论坛近30人次。

与国内20多所院校、设计院建立研究技术交流，共建研究中心5所，人才培训基地3处。

Grad has participated in nearly 100 refrigeration exhibitions, composite material exhibitions and environmental protection exhibitions.

The average annual reception of chamber of commerce, design institute, association leaders are more than 300 people.

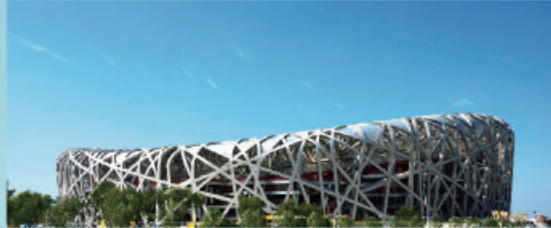
Every year, nearly 30 people attended various forums such as hvac, automobile, Composite material and environmental protection.

It has established research and technology exchange centers with more than 20 domestic universities and design institutes, built 5 research centers and 3 talent training bases.



ENGINEERING CASE 工程案例

● 大型场馆 / Large Venues



中国国家体育馆 (鸟巢) China National Stadium (Bird's Nest)



山西大剧院 Shanxi Grand Theatre

格瑞德参建项目上万个，参建项目多次荣获国家优质工程奖、中国建筑工程鲁班奖。
Grad has participated in more than 10000 projects and won the national quality engineering award for many times.



国家游泳中心 (水立方) National Swimming Center (Water Cube)



青岛奥林匹克帆船中心 Qingdao Olympic Sailing Center

● 轨道交通 / Rail Transit



北京地铁十号线 Beijing Metro Line 10



潍坊火车站 Weifang Railway Station



天津火车站 Tianjin Railway Station



宁远机场 (冬奥会项目) Ningyuan Airport (Winter Olympics Project)

● 商业住宅 / Commercial Housing



菲律宾曼达卢永Shaw Center商场 Shaw Center Mall, Luyong, Mandala, Philippines



万达广场 Wanda Plaza



老挝万象商场 Vientiane Mall, Laos



中石化大厦 Sinopec Building

● 机关院校 / Institutions



哈尔滨工业大学 Harbin Institute of Technology



马来西亚大学城 University City of Malaysia

● 医药净化 / Pharmaceutical Purification



四环制药 Tetracycline



埃塞俄比亚西部药厂 Western Ethiopia Pharmaceutical Factory

● 复合材料 / Composite Material



玻璃钢缠绕管道
Frp Pipe



玻璃钢缠绕储罐
Frp Tank



连续纤维热塑性芯板
Continuous Fiber Thermoplastic Core Plate



新能源汽车电池包上壳体
Battery Top Shell Of New Energy Car



风电机舱罩、导流罩
Cabin Cover and Deflector Hood



风电产品
Wind Power Products

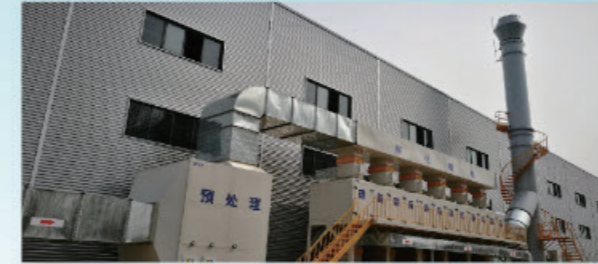


军工产品
Military Products



军工产品
Military Products

● 环保工程 / Environmental Protection Engineering



山东德建建筑科技股份有限公司 (催化燃烧净化设备)
Shandong Dejian Building Technology Co., Ltd (Catalytic combustion purification equipment)



京东管业有限公司 (催化燃烧净化设备)
Jingdong Tube Co.,Ltd (Catalytic combustion purification equipment)



石家庄诚志永华 (活性炭吸附箱)
Shijiazhuang Chengzhi Yonghua (Activated carbon adsorption chamber)



鞍山七彩化学 (活性炭吸附箱)
Anshan Qikai Chemical (Activated carbon adsorption chamber)



某军工车间 (过滤式除尘器)
Anshan Qikai Chemical (Activated carbon adsorption chamber)



山西金能移动能源有限公司 (过滤式除尘器)
Shanxi Jinneng Mobile energy Co.,Ltd (Filter type precipitator)



中国石油大连分公司 (污水污泥处理)
Dalian Branch of CNPC (Sewage and sludge treatment)



江苏惠众碳素制品有限公司 (污水污泥处理)
Jiangsu Huizhong Carbon Products Co.,Ltd (Sewage and sludge treatment)

STRATEGY COOPERATION
战略合作

格瑞德目前与国内外知名品牌建立广泛合作关系。

At present, Grad has established extensive cooperative relations with famous brands at home and abroad.



DEVELOPMENT OBJECTIVE

发展目标

坚持“整合、融合、共合、长合”产业思维，
构建开放、共享、创新、发展的产业生态。

We will adhere to the industrial thinking of "integration, co-integration and long-term integration" and build an open, shared, innovative and developing industrial ecosystem.

CONCLUSION

结束语

面对全新的挑战和机遇，格瑞德集团有新的梦想、新的征程，将继续加快战略转型、沐风栉雨、奋力拼搏，从容应对挑战，把握发展机遇，向着恢宏的未来而继续前行！

In the face of new challenges and opportunities, Grad Group has a new dream and a new journey. Grad will continue to accelerate the strategic transformation through hard working. We will calmly respond to challenges, seize development opportunities, and move forward a magnificent future!



格瑞德
是您
永远的朋友

GRAD
*It's yours
forever friend*