



格三科技

GELAN TECHNOLOGY

企业宣传 | 产品手册
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格兰简介

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合作伙伴

Cooperative partner

格兰简介

Gelan profile

- 公司成立于2016年7月，致力于为客户提供从方案设计、制造安装到开车运行的一站式服务。目前员工200余名，拥有各类工程技术人员50余名、焊接人员110余人、各类生产设备300余台，各类检测设备30余台。公司自创建伊始，便一直秉持着“客户第一，质量为先”的理念，先后取得了A2压力容器、A级锅炉、ASME“S”“U”特种设备设计制造许可证。同时，建立了完整的质量，环境，职业健康管理体系。公司主要业务范围各种加热炉、余热锅炉、压力容器、配套空气预热器、换热器、空冷器、炉附件及配件，并提供设备安装，拥有EPC总包能力。目前用户已覆盖全国各大中型石油化工企业并建立了长期的战略合作伙伴关系，产品远销东南亚、中东等地区。公司地处中国经济最具活力的长江三角洲，境内有京沪、广靖等多条高速交错纵横，此外以江阴长江大桥为枢纽，连通苏南经济圈，区位优势得天独厚，水陆交通十分便利。

- Gelan is founded in July 2016, we always committed to providing customers with one-stop service from engineering, manufacturing, installation to operation. Now there are more than 200 employees, more than 50 engineers, more than 110 welders, more than 300 production equipment and more than 30 testing equipment. Gelan has consistently uphold the “Customer first, quality first” since the corporation was established, and got the certificates of A2 pressure vessel, A class boiler, ASME “S” “U”. Sametime Gelan has an integrated ISO 9001, ISO 14001 and ISO 45001 management system.

The main business scope is various heaters, waste heat boilers, pressure vessels, supporting air preheaters, exchanger, air coolers, furnace accessories and accessories, and provide equipment installation, with EPC ability of projects. At present, our customers have covered all large and medium-sized petrochemical enterprises in China and established long-term strategic cooperative partnership with them. Products are exported to Southeast Asia, Middle East, and other regions.

Gelan is located in Jingjiang, Yangtze River Delta area, which is an important economic area of China, with Beijing-Shanghai, Guangjing etc. expressways crisscross. Connect to southern Jiangsu economic circle, depend on Jiangyin Yangtze River Bridge as the hub.



■ 车间规模和行车统计表 Workshop scale and crane statistics

车间名称 Workshop name	长 Length	宽 Width	尺寸单位 (m) Dimension unit (m)			
			高 Height	行车起吊高度 Crane lifting height	吨位 Tonnage	数量 (台) Qty(Set)
翅片生产车间 Fin production workshop	200	30	14.7	9	10T	3
			14.7		32T	1
容器生产车间 Vessel production workshop	200	30	14.7	9	50T/5T	2
			14.7		10T	7
			14.7		32T	1
加热炉生产车间 Heating furnace workshop	200	24	14.7	9	50T/25T	2
			14.7		32T/16T	2
			14.7		10T	4
无尘车间 Dust free workshop	110	24	14.7	7	10T	4
			14.7		25T/5T	2
			14.7		3T	2

FRNC-5PC 加热炉过程模拟

Heating furnace process simulation FRNC-5PC

入炉轨道

1号炉 2号炉 3号炉 4号炉

出炉轨道

图1 步进式加热炉设备组成

Fig 1 Layout chart of walking beam furnace

管道应力分析 Caesar II

Pipe stress analysis Caesar II

加热炉钢结构设计 Staad pro

Heating furnace steel structure design Staad pro

压力容器, 化工过程设备强度计算软件 SW6

Pressure vessel, chemical process equipment strength calculation software SW6

换热器及燃烧方式加热炉的热传递计算

HTRI exchanger suite

Heat transfer calculation of heat exchanger and combustion furnace HTRI exchanger suite

3D Tekla / CAD

3D Tekla / CAD



制造能力

Manufacturing capacity



翅片管生产车间
Finned tube production workshop



加热炉生产车间
Heater workshop



无尘车间
Dust free workshop



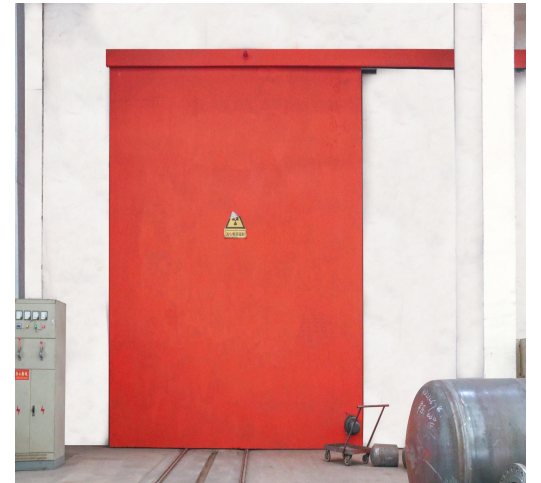
容器生产车间
Vessel production workshop



油漆房
Paint room

喷砂房
Sandblasting room

热处理房
Heat treatment room



探伤房
RT room



等离子切割机
Plasma cutting machine



激光切割机
Laser cutting machine



型材切割机
Cut-off machine



圆管相贯线
crossing curve of cylinder pipes



全自动自动埋弧焊机
Automatic submerged arc welding machine



接管法兰自动焊机
Automatic welding machine for nozzle flange



管板自动焊机
Tube sheet automatic welding machine



管板焊接机器人
Tube plate welding robot



数控龙门加工中心
CNC gantry machining center



9轴全自动焊接机器人
9-axis fully automatic welding robot



直读光谱仪
Direct reading spectrometer



金相实验室
Metallographic laboratory



实验室拉力试验机
Laboratory tensile testing machine



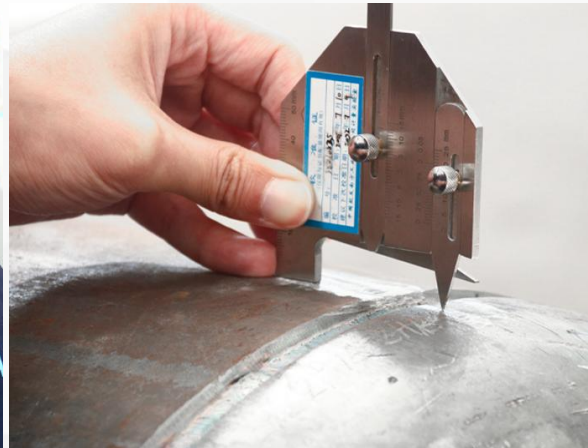
冲击设备
Impact equipment



硬度检测
Hardness test



厚度检测
Thickness detection



焊缝检验
Weld inspection



手持光谱仪
Handheld spectrometer



射线检测
Radiographic testing



超声波探伤
Ultrasonic testing



渗透检测
Penetrant testing



磁粉检测
Magnetic particle testing



荣誉资质

Honors and qualification certificates



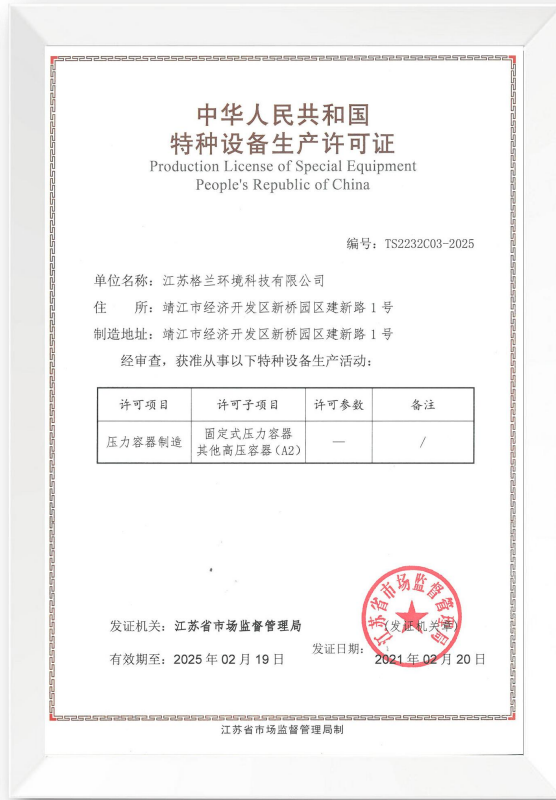
高新技术企业证书
High tech enterprise certificate



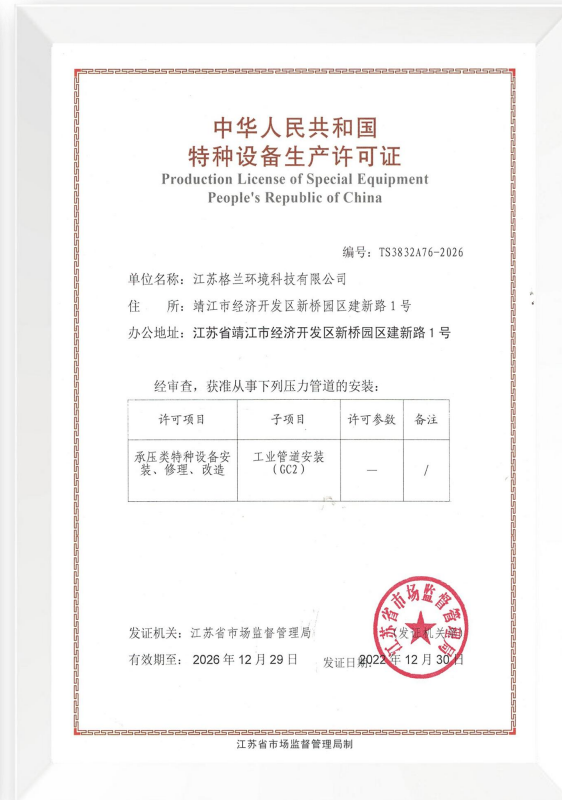
专精特新产品认证证书
Specialized, refined, and new product certification certificate



A级锅炉制造许可证
Class a boiler manufacturing license



固定式压力容器其他高压容器(A2)
Stationary pressure vessels other high
pressure vessels (A2)



压力管道安装许可证
Pressure pipe installation permit



绿色企业创建实施单位
Green Enterprise Creation
Implementation Unit



一种新型抗结焦VDF裂解炉系统及其使用方法
A new anti coking VDF cracking furnace system and its application method



一种换热器生产用焊接设备专利证书
Patent certificate of welding equipment for heat exchanger production



一种加热炉环缝焊接装置专利证书
Patent certificate of a heating furnace circumferential welding device



一种压力容器焊缝自动打磨装置专利证书
Patent certificate of a pressure vessel weld automatic grinding device



一种偏氟乙烯裂解炉智能控制方法
An Intelligent Control Method for Vinylidene Fluoride Cracking Furnace



一种受热均匀的石化反应釜
A uniformly heated petrochemical reactor

产品介绍

Product introduction

■ 加热炉
Heater

■ 容器
Vessel

■ 翅片及配件
Fins and accessories





蒸汽过热炉
Steam superheater



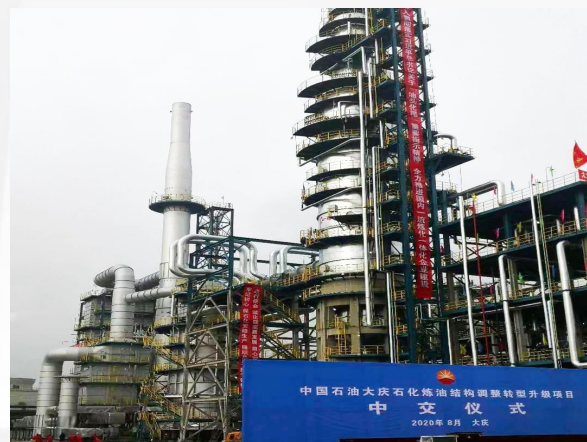
制氢转化炉
Hydrogen producing reformer



醋酸裂解炉
Acetic acid cracking furnace



针状焦加热炉
Needle coke heating furnace



常减压加热炉
Atmospheric and vacuum heater



重整加热炉
Reforming furnace



进料加热炉
Feed heating furnace



裂解炉
Cracking furnace



储罐
Storage tank



储罐
Storage tank



塔器
Tower



塔器
Tower



反应器
Reactor



反应器
Reactor



U型管换热器
U-tube heat exchanger



列管式换热器
Cracking furnace



翅片及配件

Fins and accessories



翅片管
Finned tube



翅片管
Finned tube



空冷器
Air cooler



空冷器
Air cooler



板式空气预热器
Plate air preheater



管式空气预热器
Tubular air preheater



对流段模块
Convection section module



对流段模块
Convection section module



合作伙伴

Cooperative partner



中国石化
SINOPEC



中国石油
PETROCHINA



中国海油
CNOOC



中国化工集团公司
CHINA NATIONAL CHEMICAL CORPORATION



Axens
FP/ Group Technologies

印度吉吉拉特氟化学
FLUORO-CHEMISTRY IN GUJARAT, INDIA

东华工程科技股份有限公司
DONGHUA ENGINEERING TECHNOLOGY CO., LTD



华陆工程公司
HUALU ENGINEERING COMPANY



成达集团
CHENGDA GROUP



中国船舶工业集团公司
CHINA SHIPBUILDING INDUSTRY CORPORATION



浙石化
ZHEJIANG PETROCHEMICAL



HENGYI
恒逸石化

安庆石化
ANQING PETROCHEMICAL



山东东明石化集团
SHANDONG DONGMING PETROCHEMICAL GROUP

三爱富中昊
THREE LOVE RICH ZHONGHAO



兰石重装
LS HEAVY EQUIPMENT



巨化集团公司
JUHUA GROUP CORPORATION



DONGYUE
FEDERATION



三江化工
SANJIANG CHEMICAL



哈电集团
HARBIN ELECTRIC CORPORATION