



**GUANGDONG FOSTER FLUID TECHNOLOGY CO., LTD.**

# **Recommendation**

**Recommender: Guangdong Foster Fluid Technology Co., Ltd. Attn:**

**Persis Lu**

**Tel.: +86 13794613010**

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## PART 1. Preface

With the increasing consumption of resources in today's society, resource problem has become a key factor restricting the sustainable development of enterprises and reducing operating costs.

FSTpipe -- in this particular environment of large waste of industrial resources, rising material costs, and increasing human resources, it has come into being, seized opportunities, filled the gaps in the industry, and brought comprehensive innovation to the technology of industrial compressed air pipeline industry.

Aluminum pipe system has become the mainstream of fluid transportation products in developed countries. With the industrial development of China, this kind of high-performance products will be widely popularized in China in the future.

FSTpipe company -- With green, environmental protection design concept and perfect, excellent appearance design, innovative material collocation, high-end quality material selection to ensure the durability and beauty of products.

FSTpipe compressed air pipeline system anytime and anywhere from the gas production end to transport high-quality compressed air to the use end, to ensure the continuity and stability of downstream equipment and production process.

FSTpipe always pays attention to the core needs of customers and makes constant efforts to improve the productivity and profitability of customers. We are superior to the same industry at home and abroad service standards, quality standards to serve customers. We are committed to give customers a 10-year quality assurance, and provide efficient value-added services.

In order to better meet the needs of customers, we are aggressive, pioneering, open and innovative, committed to providing the best compressed air technology delivery system solutions, and make it the internal driving force of customer business growth.

We have a strong professional team, from the design and development of products, production, sales, installation of professional technical personnel to provide you with a full range of services.



## PART 2. Company Introduction

### Company Profile

Guang Dong Foster Fluid Technology Co., Ltd. is a world-leading high-tech enterprise focusing on the research and development, production, sales and installation of compressed air, inert gas, vacuum and nitrogen fluid pipelines.

Our company adopts the fast, efficient and unique management and operation mode of the Pearl River Delta to provide customers with more convenient services. FSTpipe has a strong professional team, from product design, development and production to sales consulting, professional product, application, installation engineers and sales managers to provide you with pre-sales, sale, after-sales and other technical installation consulting services. We provide customers with the best design scheme and system configuration by communicating and analyzing with customers, investigating and designing on site, and understanding customers' actual production requirements and using conditions.

FSTpipe always pays attention to the core requirements of users, and strives to improve the production efficiency and profitability of users and reduce the production energy consumption of users. The super pipeline transportation system developed by the company is widely used in many high-end industries, such as aerospace, automobile manufacturing, electronics, machinery manufacturing, packaging and printing, household appliance manufacturing, food, medicine, etc. FSTpipe products have more than 100 national patents, which are energy-saving, environmentally friendly, quick to install, sturdy and durable.

Under the supervision of the special inspection department of the state, the products obtained "pressure pipe component production license" (TS certification for short) in China are your first choice.

FSTpipe are a dynamic and quick response enterprise, in order to meet the needs of the market and meet the expectations of customers, we fully understand the actual needs and use of users, innovation and optimization of the system design, and provide the best system configuration scheme. FSTpipe is a quality-oriented company that makes unremitting efforts to innovate and regularly introduces new products with the latest technologies to the market. These products have been strictly inspected, tested and conform to relevant current standards. Our goal is to help our customers maximize their productivity, increase your productivity, grow your business, and succeed.

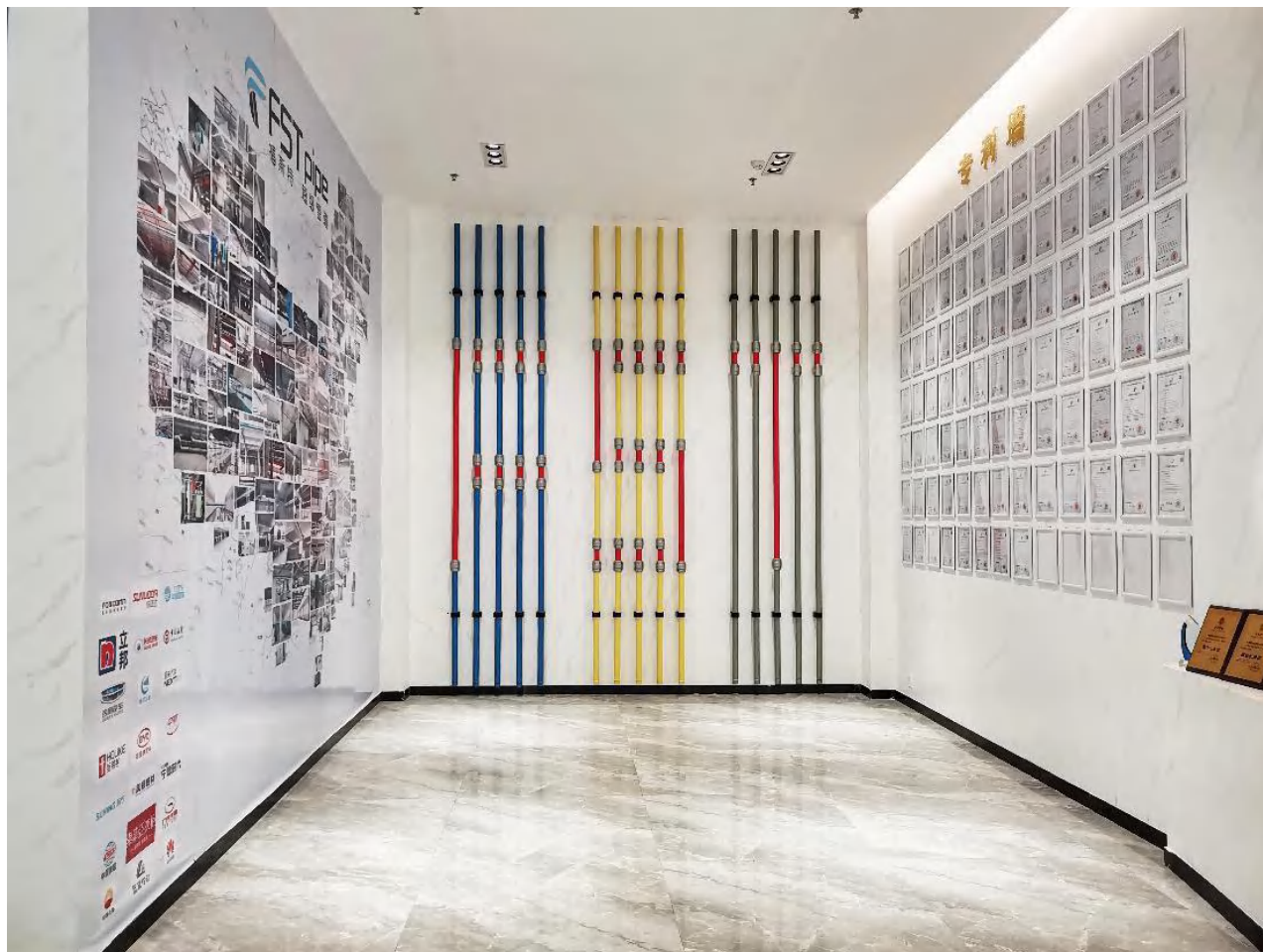


**FSTpipe Company Show**



**FSTpipe Hall**





**FSTpipe Office Area**

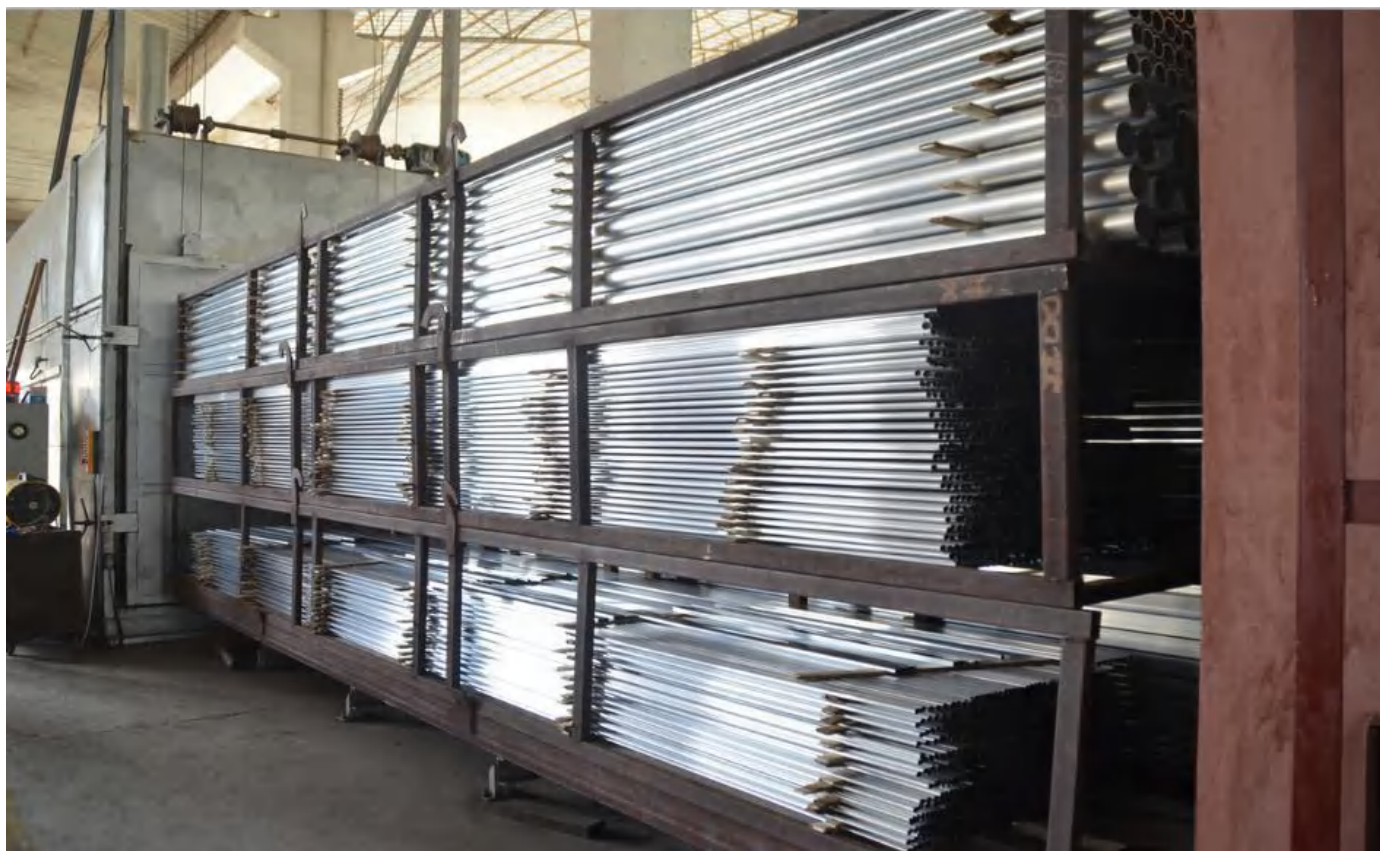


**FSTpipe Production Area**











## PART 3. Qualification Certificates

### Business License

|                                                                                   |                                                                                                                      |                                                                                       |             |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|
|  |                                                                                                                      |                                                                                       |             |
| 统一社会信用代码<br>91441900088276027A                                                    | <b>营 业 执 照</b>                                                                                                       |    |             |
| (副 本)                                                                             |                                                                                                                      | (副本号:1-1)                                                                             |             |
| 名 称                                                                               | 广东福斯特流体技术有限公司                                                                                                        | 注 册 资 本                                                                               | 人民币伍仟万元     |
| 类 型                                                                               | 有限责任公司(自然人投资或控股)                                                                                                     | 成 立 日 期                                                                               | 2014年02月19日 |
| 法 定 代 表 人                                                                         | 王福利                                                                                                                  | 营 业 期 限                                                                               | 长期          |
| 经 营 范 围                                                                           | 流体输送技术研发;压缩空气输送的管材、管件及阀门的生产销售;压力管道及压力容器的安装服务;机械设备、机电产品的生产与销售;国内货运代理,从事装卸搬运业务;货物及技术进出口。(依法须经批准的项目,经相关部门批准后方可开展经营活动。)〰 |                                                                                       |             |
| 住 所                                                                               |                                                                                                                      | 佛山市禅城区华富北路3号(住所申报)                                                                    |             |
| 登 记 机 关                                                                           |                                                                                                                      |  |             |
| 2020 年 4 月 2 日                                                                    |                                                                                                                      |                                                                                       |             |
| <a href="http://www.gsxt.gov.cn">http://www.gsxt.gov.cn</a>                       |                                                                                                                      | 市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告                                             |             |
| 国家企业信用信息公示系统网址:                                                                   |                                                                                                                      | 国家市场监督管理总局监制                                                                          |             |

Level 3 Qualification Certificate of Construction Mechanical and Electrical Installation  
Engineering Contracting



**建筑业企业资质证书**

证书编号: D344418149

企 业 名 称: 广东福斯特流体技术有限公司

统一社会信用代码: 91441900088276027A

法 定 代 表 人: 王福利

注 册 地 址: 佛山市禅城区华富北路3号(住所申报)

有 效 期: 至 2025年12月17日

资 质 等 级: 建筑机电安装工程专业承包三级  
\*\*\*\*\*



请关注广东省住房和城乡建设厅微信公众号, 进入“粤建办事”扫码查验

发证机关:  佛山市住房和城乡建设局

发证日期: 2020年12月17日

全国建筑市场监管公共服务平台查询网址: <http://jzsc.mohurd.gov.cn>  
广东省建设行业数据开放平台查询网址: <http://data.gdcic.net/dop>

**TS Manufacturing License**

**中华人民共和国  
特种设备制造许可证  
Manufacture License of Special Equipment  
People's Republic of China  
(压力管道元件)  
(Pressure piping components)**

编号(NO.): TS271097W-2023

单位名称: 广东福斯特流体技术有限公司新丰分公司  
Company Name: Xinfeng Branch of Guangdong Foster Fluid Technology Co., Ltd.

单位地址: 广东省韶关市新丰县丰城街道坳头村长埔  
Unit Address: Changpu Village, Aotou Village, Fengcheng Street, Xinfeng County, Shaoguan City, Guangdong Province (广东苏粤铝业有限公司内)  
(Guangdong Suyue Aluminum Co., Ltd.)

制造地址: 广东省韶关市新丰县丰城街道坳头村长埔  
Manufacturing Address: Changpu Village, Aotou Village, Fengcheng Street, Xinfeng County, Shaoguan City, Guangdong Province

经审查, 获准从事下列压力管道元件的制造:  
Upon review, it was approved to engage in the manufacture of the following pressure piping components:

| 级别<br>Level    | 类别<br>Category          | 品种<br>Variety                   | 备注<br>Remarks                                        |
|----------------|-------------------------|---------------------------------|------------------------------------------------------|
| A 级<br>A Level | 压力管道管子<br>Pressure pipe | 有色金属管<br>Non-ferrous metal pipe | 限铝管及其合金管<br>Limited aluminum pipe and its alloy pipe |

审批机关: 国家市场监督管理总局  
Approval authority: State Administration for Market Regulation  
有效期至: 2023 年 5 月 28 日  
Valid until: May 28, 2023

Issuing authority:  
发证机关:  
发证日期: 2019 年 5 月 29 日  
Issuance date: May 29, 2019



国家市场监督管理总局制

**GC2 Installation Qualification**

**中华人民共和国  
特种设备生产许可证**

Production License of Special Equipment  
People's Republic of China

编号(NO.): TS3844456-2023

单位名称: 广东福斯特流体技术有限公司

Company Name: Guang Dong Foster Fluid Technology Co., Ltd.

住 所: 佛山市禅城区华富北路 3 号 (住所申报)

Residence: No. 3, Huafu North Road, Chancheng District, Foshan City (Residence declaration)

办公地址: 佛山市禅城区华富北路 3 号 (住所申报)

Office Address: No. 3, Huafu North Road, Chancheng District, Foshan City (Residence declaration)

经审查, 获准从事下列特种设备生产活动:

Upon review, it was approved to engage in the following special equipment production activities:

| 许可项目<br>License item                                                                    | 许可子项目<br>License subproject                            | 许可参数<br>License parameters | 备注<br>Remarks |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------|---------------|
| 承压类特种设备安装、修理、改造<br>Installation, maintenance & alteration of pressure special equipment | 工业管道安装 (GC2)<br>Industrial pipeline installation (GC2) | —                          |               |

发证机关: 广东省市场监督管理局

Issuing authority: Guangdong Provincial Market Supervision Administration

有效期至: 2023 年 4 月 14 日

Valid until: April 14, 2023

发证日期: 2019 年 4 月 15 日

Date of Issuance: April 15, 2019

变更日期: 2020 年 3 月 11 日

Date of change: March 11, 2020

## Quality Management System Certification



**SHANGHAI SAILWAY CERTIFICATION CO.,LTD.**

(Room 401, Building 21, No. 181, Guiping Road, Xuhui, Shanghai 200233)

### QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate Number: SW20Q20955R0S

This is to Certify that the Quality Management System of  
**Guangdong Foster Fluid Technology Co., Ltd.**

Organization Code/Unified Social Credit Code: 91441900088276027A

Registration Address: No.3, Huafu North Road, Chancheng District, Foshan City

Business Address: No.3, Huafu North Road, Chancheng District, Foshan City, Guangdong  
Prov.

Has been Audited to Conform to the Following Quality  
Management System Standard:

**GB/T19001-2016/ISO9001:2015**

for the Scope of Registration:

**Sales of Compressed Air Transportation Pipes, Fittings (Tap Water, Direct Drinking  
Stainless Steel Pipes) and Valves, Air Compressors and Fittings.**

(Issued By)

Date of Issue: Aug 20, 2020

Date of Expiry: Aug 19, 2023



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C201-M



A surveillance audit must be carried out every 12 months within the three-year validity period. Also, it is only valid along  
with the anniversary confirmation. Effectiveness of the certification, you can search CNCA website:

[www.cnca.gov.cn](http://www.cnca.gov.cn) or search the website of certification body: [www.sailway-china.com](http://www.sailway-china.com).

**Environmental Management System Certification**



**SHANGHAI SAILWAY CERTIFICATION CO.,LTD.**  
(Room 101, Building 21, No.481, Guiping Road, Xuhui, Shanghai 200233)

**ENVIRONMENTAL MANAGEMENT SYSTEM  
CERTIFICATE**

Certificate Number: SW20E20448R0S

This is to Certify that the Environmental Management System of  
**Guangdong Foster Fluid Technology Co., Ltd.**

Organization Code/Unified Social Credit Code: 91441900088276027A

Registration Address: No.3, Huaifu North Road, Chancheng District, Foshan City

Business Address: No.3, Huaifu North Road, Chancheng District, Foshan City, Guangdong  
Prov.

Has been Audited to Conform to the Following Environmental  
Management System Standard:

**GB/T24001-2016/ISO14001:2015**

for the Scope of Registration:

**Sales of Compressed Air Transportation Pipes, Fittings (Tap Water, Direct Drinking  
Stainless Steel Pipes) and Valves, Air Compressors and Fittings and Related  
Management Activities.**

(Issued By)

Date of Issue: Aug 20, 2020

Date of Expiry: Aug 19, 2023



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C201-M



A surveillance audit must be carried out every 12 months within the three-year validity period. Also, it is only valid along  
with the anniversary confirmation. Effectiveness of the certification, you can search CNCA website:  
[www.cnca.gov.cn](http://www.cnca.gov.cn) or search the website of certification body: [www.sailway-china.com](http://www.sailway-china.com).

## Patent Certificate

### Invention Patent

证书号第1868000号





## 发明专利证书

发明名称: 小口径快速联接管道接头

发明人: 乔耀兵

专利号: ZL 2014 1 0257238.2

专利申请日: 2014年06月11日

专利权人: 乔耀兵

授权公告日: 2015年12月02日

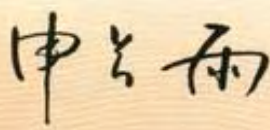
本发明经过本局依照中华人民共和国专利法进行审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为二十年, 自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年06月11日前缴纳。未按照规定缴纳年费的, 专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长  
申长雨





第1页(共1页)

## Utility Model Patents

证书号第 3856153 号



**实用新型专利证书**

实用新型名称: 快速联接管道接头

发 明 人: 乔耀兵

专 利 号: ZL 2014 2 0308381.5

专利申请日: 2014 年 06 月 11 日

专 利 权 人: 乔耀兵

授权公告日: 2014 年 10 月 15 日

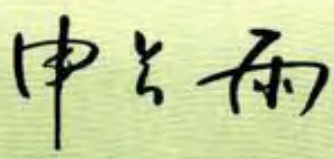
本实用新型经过本局依照中华人民共和国专利法进行初步审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为十年, 自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年 06 月 11 日前缴纳。未按照规定缴纳年费的, 专利权自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长  
申长雨





第 1 页 (共 1 页)

## Product Test Report



# 检测报告 TEST REPORT



报告编号  
REPORT NO. 150031111966

产品名称  
NAME OF SAMPLE 铝合金管件

委托单位  
CUSTOMER 广东福斯特流体技术有限公司佛山分公司

受检单位  
INSPECTED ENTITY /

检测类别  
TEST CATEGORY 委托检测

国家化学建材质量监督检验中心  
STATE CENTER OF S&T FOR CHEMI BUILDING MATERIALS

报告编号 (Report No.): 150031111966

第 1 页 共 2 页 (Page 1 of 2)

国家化学建材质量监督检验中心

STATE CENTER OF S&T FOR CHEMI BUILDING MATERIALS

# 检测报告

## TEST REPORT

|                                                       |                                                                                                                 |                                               |                    |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------|
| 样品名称<br>Product                                       | 铝合金管件                                                                                                           | 检测类别<br>Test Category                         | 委托检测               |
| 型号规格 Model<br>等级 Grade                                | DN40                                                                                                            | 商标<br>Trademark                               | /                  |
| 生产日期<br>Date of Manufacture                           | 2015.03.20                                                                                                      | 批号或编号<br>Serial No.                           | /                  |
| 委托单位(客户)名称<br>Name of Client                          | 广东福斯特流体技术有限公司佛山分公司                                                                                              | 受检单位<br>Inspected Entity                      | /                  |
| 地址<br>Address                                         | 佛山市南海区狮山镇科技工业园B区博爱东路                                                                                            | 生产单位<br>Manufacturer                          | 广东福斯特流体技术有限公司佛山分公司 |
| 抽样者<br>Sampling Organization                          | /                                                                                                               | 抽样基数<br>Number of Samples                     | /                  |
| 抽样地点<br>Sample Location                               | /                                                                                                               | 抽样数量<br>Number of Sample(s)<br>for Inspection | /                  |
| 抽样日期<br>Sampling Date                                 | /                                                                                                               | 到样数量<br>Receiving Number of<br>Sample(s)      | 1件                 |
| 送样者<br>Sample(s) Deliverer                            | 广东福斯特流体技术有限公司佛山分公司                                                                                              | 到样日期<br>Receiving Date of<br>Sample(s)        | 2015年04月28日        |
| 检测依据<br>Test Requirements                             | GB/T15560-1995                                                                                                  |                                               |                    |
| 检测项目<br>Test Item(s)                                  | 爆破试验                                                                                                            |                                               |                    |
| 样品描述、状态<br>Description and<br>Condition of Samples(s) | 样品外观完好, 无污损                                                                                                     |                                               |                    |
| 检测日期<br>Test Date                                     | 2015年04月28日<br>至 2015年05月08日                                                                                    | 检测地点<br>Test Location                         | 本实验室               |
| 检测结论<br>Test Summary                                  | 依据上述检测依据, 对所送样品进行检测, 提供实测数据。                                                                                    |                                               |                    |
| 备注<br>Remarks                                         | <div style="text-align: right;"> (盖章)<br/>Test Seal<br/>批准日期: 2015年06月08日<br/>Date of Approval<br/>检测专用章 </div> |                                               |                    |

批准:  
Approved by

冯晓雷

审核:  
Verified by

王敬廷

编制:  
Compose

刘信军

报告编号(Report No.): 150031111966

第 2 页 共 2 页(Page 2 of 2)

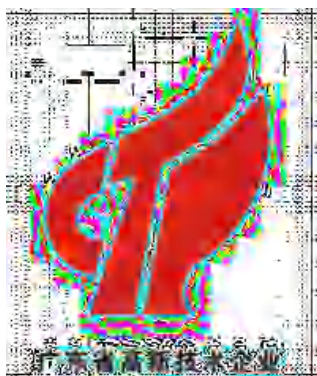
## 检 测 报 告

### TEST REPORT

| 序号<br>Series<br>Number | 检 测 项 目<br>Test Items | 技 术 要 求<br>Requirement | 检 测 结 果<br>Test Results | 单 项 结 论<br>Item Conclusion | 备 注<br>Remarks |
|------------------------|-----------------------|------------------------|-------------------------|----------------------------|----------------|
| 1                      | 爆破试验                  | /                      | 打压 7.2 MPa 时堵头连接处出现渗漏   | /                          | /              |

以下空白 TEST REPORT END

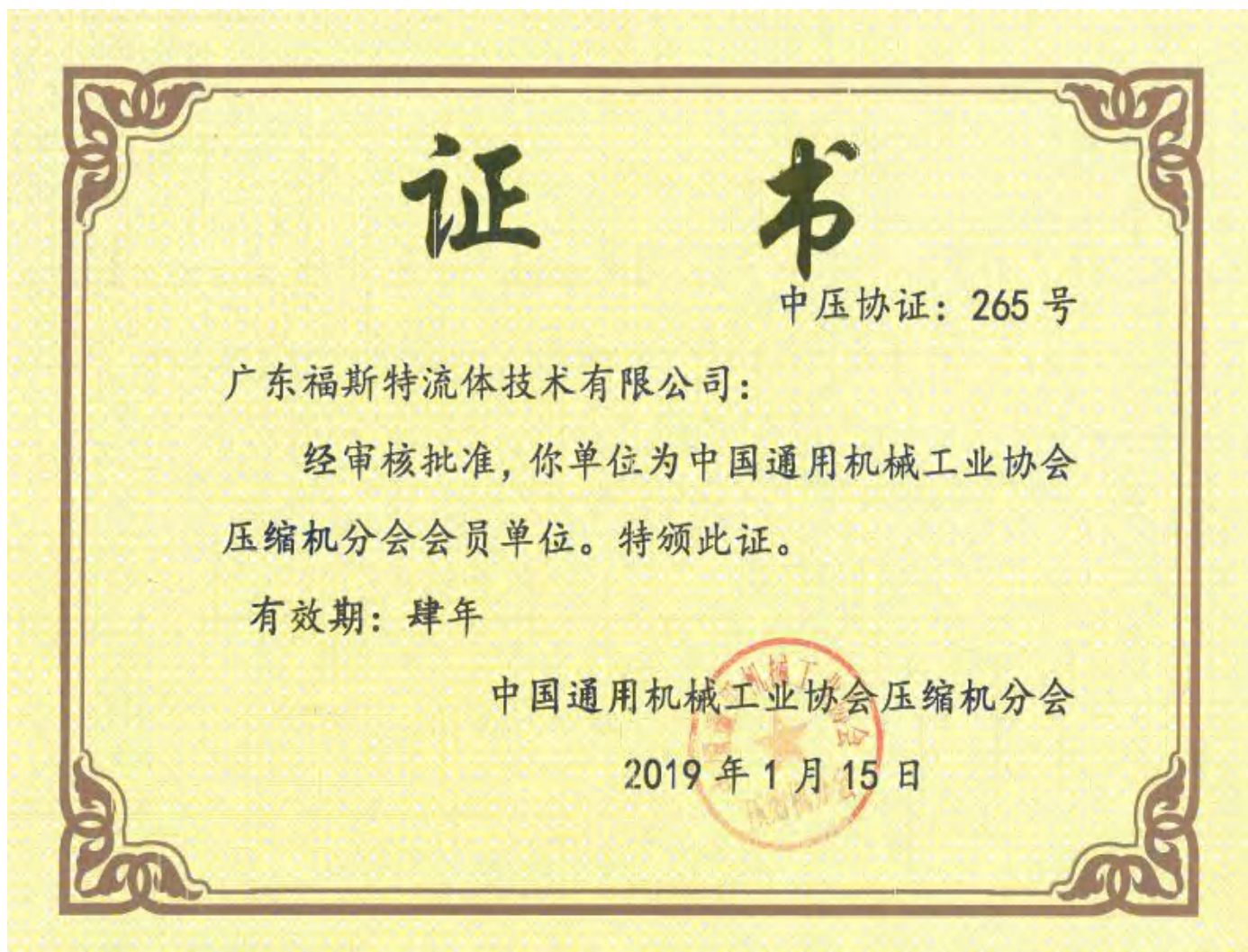
### High-tech Enterprise Certificate



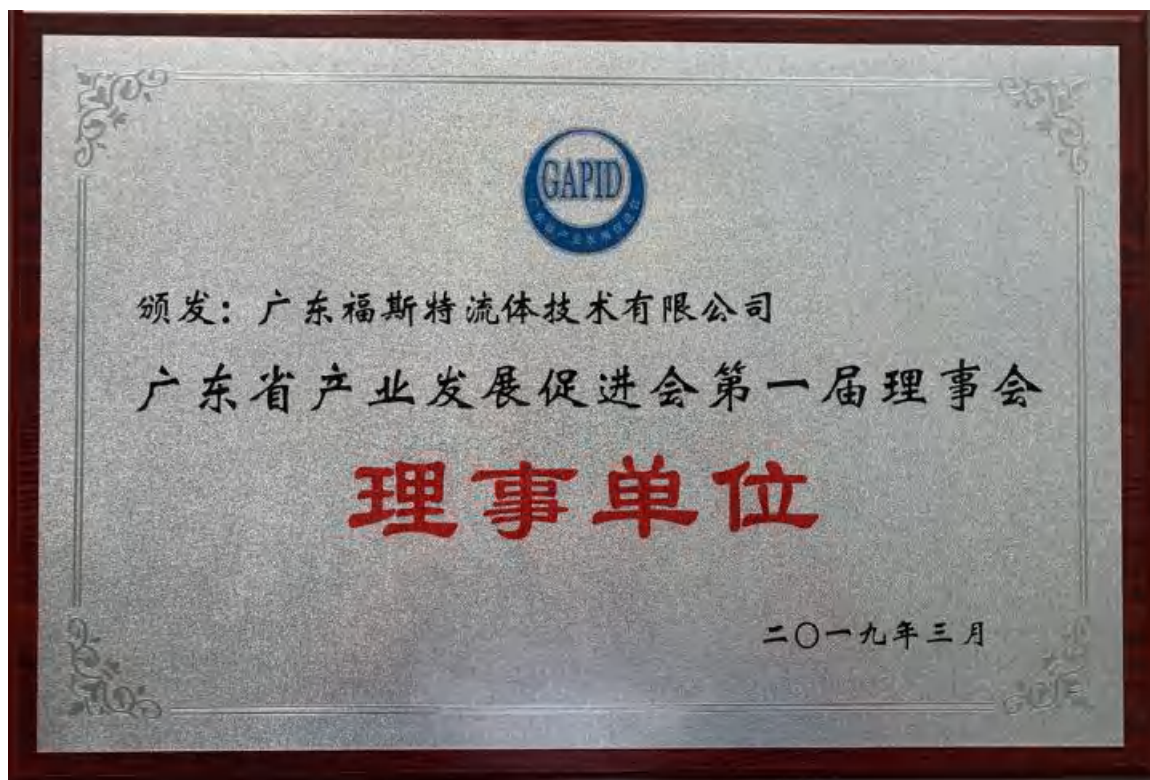
Guangdong Province Excellent Brand Demonstration Enterprise and Certificate



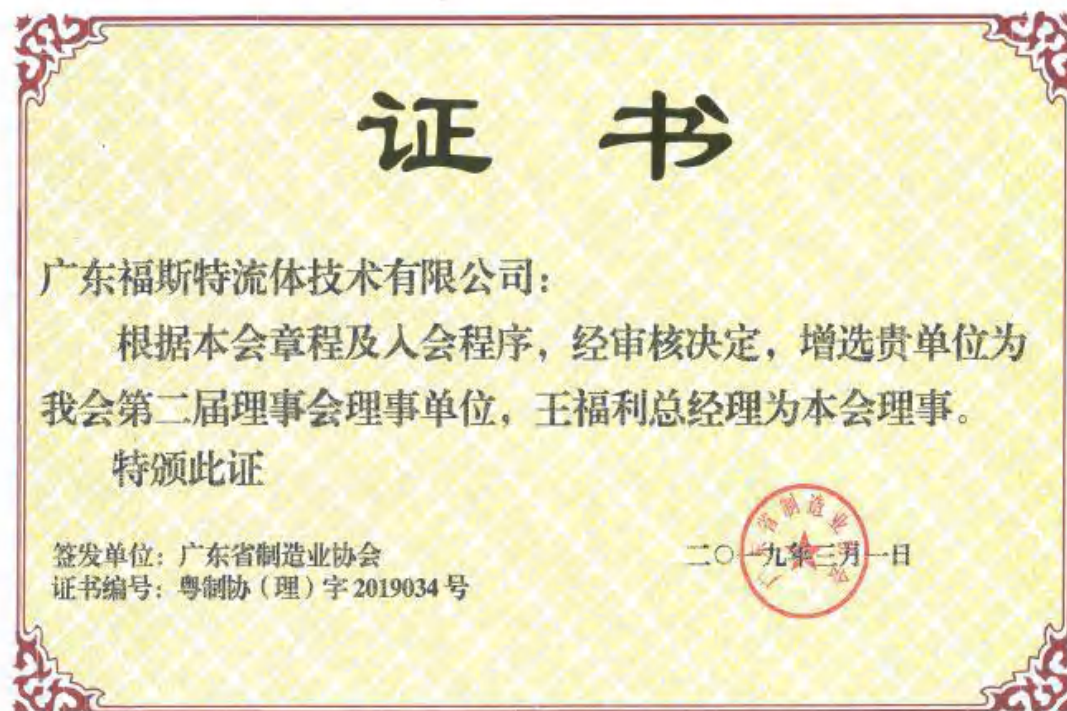
**Member Units of Compressor Branch of China General Machinery Industry Association**



## Director Unit and Certificate of Guangdong Industrial Development Promotion Association



Director Unit and Certificate of Guangdong Manufacturing Association



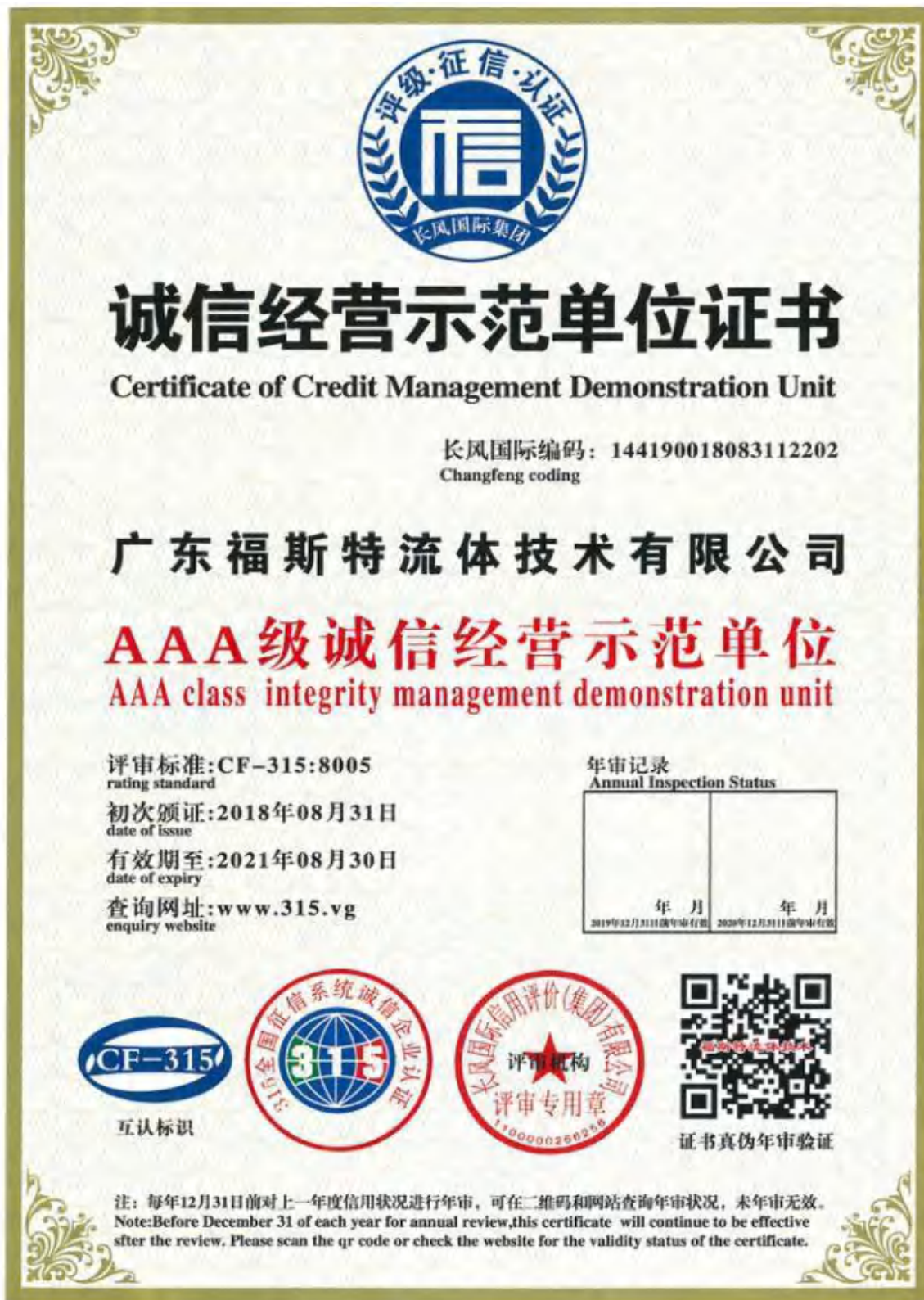
**AAA Credit Unit/AAA Credit Rating Certificate**



**Director Unit of Guangdong Compressor Association**



**AAA-level Integrity Management Demonstration Unit**



### AAA Credit Rating Certificate



## 资信等级证书

### Certificate of Credit Rating

长风国际编码: 144190018083112202  
Changfeng coding

## 广东福斯特流体技术有限公司

经评审, 资信等级为: **AAA级**  
After verification, the credit rating is **AAA.**

评审标准: CF-315:8002  
rating standard

初次颁证: 2018年08月31日  
date of issue

有效期至: 2021年08月30日  
date of expiry

查询网址: www.315.vg  
enquiry website

年审记录  
Annual Inspection Status

|                  |                  |
|------------------|------------------|
|                  |                  |
| 年 月              | 年 月              |
| 2019年12月31日前年审有效 | 2020年12月31日前年审有效 |



互认标识







证书真伪年审验证

注: 每年12月31日前对上一年度信用状况进行年审。可在二维码和网站查询年审状况。未年审无效。  
Note: Before December 31 of each year for annual review, this certificate will continue to be effective after the review. Please scan the qr code or check the website for the validity status of the certificate.

### AAA Quality Service Reputation



## Certificate of Observing Contract and Keeping Promise



# 重合同守信用证书

## Certificate of Observing Contract and Keeping Promise

长风国际编码: 144190018083112202  
Changfeng coding

### 广东福斯特流体技术有限公司

## AAA级重合同守信用单位

### AAA level unit that complies with the contract and promises

评审标准: CF-315:8003  
rating standard

初次颁证: 2018年08月31日  
date of issue

有效期至: 2021年08月30日  
date of expiry

查询网址: www.315.vg  
enquiry website

年审记录  
Annual Inspection Status

|                  |                  |
|------------------|------------------|
|                  |                  |
| 年 月              | 年 月              |
| 2019年12月31日前年审有效 | 2020年12月31日前年审有效 |



互认标识







证书真伪年审验证

注: 每年12月31日前对上一年度信用状况进行年审, 可在二维码和网站查询年审状况, 未年审无效。  
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5/8

## Integrity Manager



**Honest Entrepreneur**



## PART 4. Product Introduction

### A Status of existing compressed air pipelines

#### 1. Carbon steel pipe (galvanized pipe, seamless steel pipe)

Since the main component of carbon steel pipe is iron, this element easily reacts with water and oxygen in the air to produce iron oxide (**rust**). Even if measures such as filtering triples are used, because rust is a solid impurity, it is very easy to adsorb on the filter, resulting in a short service life and pressure drop.

Another point is the **pressure drop** problem: even if it is a newly installed carbon steel pipeline, its inner wall is rough and uneven (internal roughness 1.9 microns), and the roughness raises year by year due to corrosion.

---(As shown on the right: Construction site-real photos of steel pipes after five years of use)



The last hazard comes from the **leakage** problem due to corrosion. Regardless of whether it is a carbon steel pipeline installed with a sleeve wire or welded installation, the wire mouth and weld scars always begin to corrode first.

#### 2. Stainless steel pipe

Stainless steel pipe is the biggest advantage of corrosion resistance, so it is widely used in high gas source quality requirements of industries such as: food, medicine and ect. This covers up some shortcomings: **high installation requirements** - professional argon arc welders are needed; **Long installation cycle**; **Pipeline changes easily cause loss** - due to the use of welding installation process, pipeline changes will lose part of the elbow and other pipe fittings. The internal roughness of the ordinary 304 pipe is still 1 micron. Take the 500 meter circular pipe as an example, the pressure loss based on the friction coefficient of the pipe wall is about 0.2bar.



#### 3. Plastic pipe

In the compressed air industry, it is because of its excellent light properties that it covers up some shortcomings: 1. Under the high temperature environment of plastic material, it will cause the corresponding plastic material to **decompose toxic components**; 2. Especially in the high temperature part of the air compressor room, the plastic pipe is easy to **soften**; 3. Because of the thin wall thickness, plastic pipes are easy to be **deformed**, and there will be cracking and rupture. 4. The hot melt connection is used in the construction process, which will shrink the diameter inside the pipe, thus increasing the friction and eventually leading to a larger **pressure drop**; 5. pipeline change is easy to **cause loss**.



## B FSTpipe Super Pipe Performance Characteristics

### 1. Perfect quality, energy saving and environmental protection

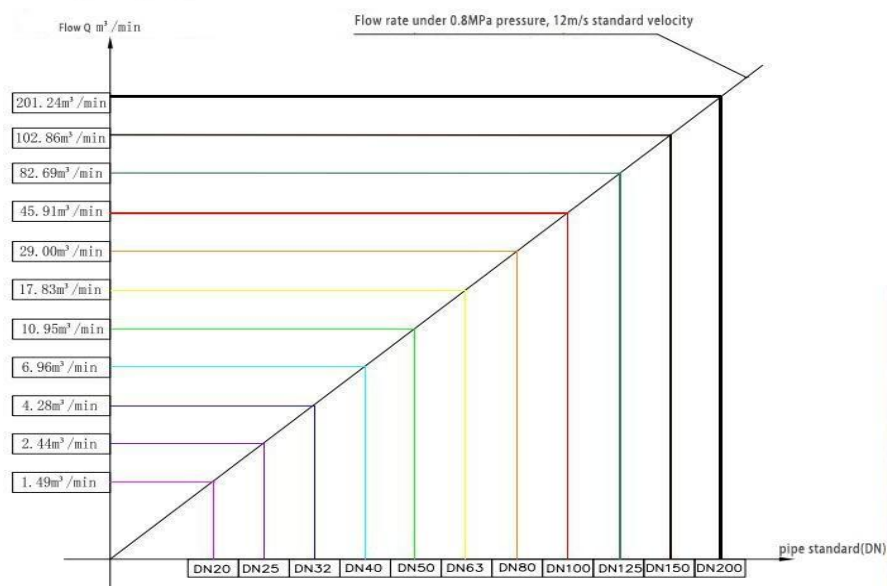
1.1 High quality aluminum alloy, coated with epoxy resin, and the pipe is specially treated to avoid oxidation, smooth inner surface, never corrosion, and has better alkali and acid corrosion resistance than 304 stainless steel, ensures the quality of compressed air flowing through the pipeline.

1.2 FST air pipeline system delivers high-quality air from the gas-producing end to the service end at any time and anywhere to ensure the continuity and stability of downstream equipment and production process. At the same time, corrosion-proof, leak-free, long-term operation, ensure air leakage in the process of transportation, and effectively prevent the energy loss.

1.3 The optimized design of smooth inner surface, full diameter and internal diversion reduces the flow resistance of air, minimizes the pressure drop of the pipeline and reaches the optimal flow rate, thus reducing the operation cost caused by the pressure drop by up to 5%. (for every 1 Barb reduction in pressure drop, the installed power consumption can be reduced by 7%.)

1.4 Adopting high performance "O" type sealing ring, ensure the best sealing and no leakage. No air leak means lower operating cost.

1.5 The FST super piping system has been pre-sprayed with standard colors based on compressed air applications, which is very environmental friendly



### 2. Fast installation, quick and convenient

2.1 Thanks to FSTpipe's product installation design, a quick and easy installation can save up to 60% of your installation time by eliminating installation time for plumbing systems.

2.2 Quick installation, no welding, bonding or pressing seal processing.

2.3 All fittings and connectors can be flexibly adjusted, detachable and reused, ensuring the extensibility of the network management system

2.4 Shunt devices and branch lines can be installed at any time for production adjustment of the production line.

2.5 The connection design of the descending side effectively eliminates the phenomenon of the pipeline condensation water pollution.

### 3. Strong, beautiful and durable

- 3.1 FST Super Piping system is designed with green, environmental friendly design concept and perfect, excellent appearance.
- 3.2 Innovative material mix, high-end quality material selection ensure the durability and beauty of the product.
- 3.3 With corrosion resistance, mechanical vibration resistance, strong fire resistance, resistance to hot and cold weather changes, can adapt to a variety of harsh environment to ensure safe, stable, high-quality clean air to the use of the end, and to keep the inner surface of the pipeline clean, effectively ensure the service life of the terminal equipment and the stable quality of the product.
- 3.4 Light weight: although the weight of the Super pipe is less than 1 / 4 of the traditional piping system, its strength is the same as that of the traditional piping system. Super pipes can be suspended and placed against the wall.
- 3.5 The FST Super pipeline is 100% modular, and the recyclable material is used and the components can be ensured to be repeatedly installed and used.



### 4. Perfect after-sales, ten years of warranty

In line with the principle of customer first, the company promises to provide timely, efficient and reliable after-sales service to the buyer. FST super pipeline system has a strong after-sales service system, to provide high, precise, accurate one-stop service - product quality warranty for ten years, is the customer's ideal first choice.

#### 5. Value-added service, customer worry-free.

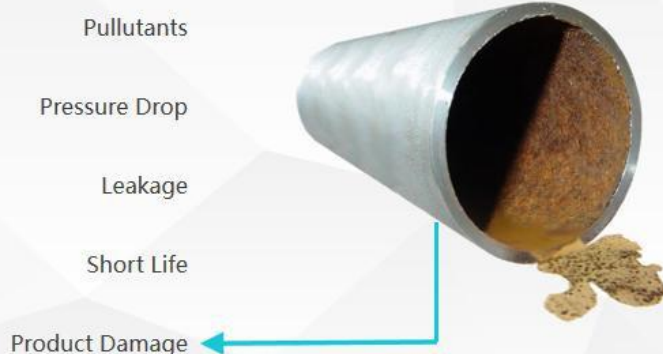
FSTpipe has a strong after-sales service system, in addition to providing customers with the overall energy-saving system design and installation, we also provide more value-added services to customers. Including ultrasonic leak detection equipment, pipeline flow detection equipment, compressed air dew point instrument and other testing instruments. These precise gas detection equipment can effectively help customers understand the accurate use of gas delivery, so as to better help customers reduce energy consumption, improve production efficiency, and even expand the production scale

## C. Comprehensive Performance Comparison Between FSTpipe Super Pipeline & Traditional Pipeline

### 1. Comparison with traditional pipes

Disadvantages of existing traditional pipelines

Every year, due to the corrosion of the traditional conveyor system, it will bring immeasurable loss to the gas equipment and products!



FSTpipe Aluminum alloy pipelines will fully solve the shortcomings of the above traditional carbon steel pipelines due to their never corrosive properties.

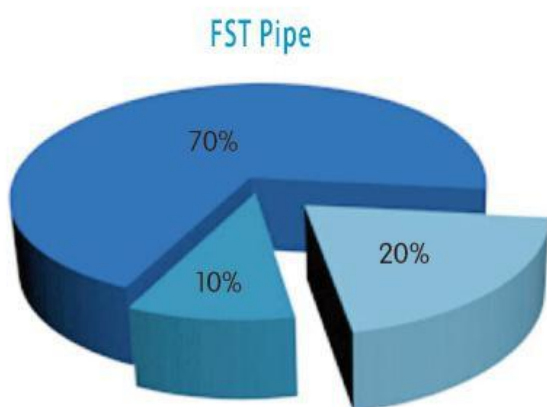
FST comparison with products in the same industry

#### Comprehensive comparison with the traditional pipelines

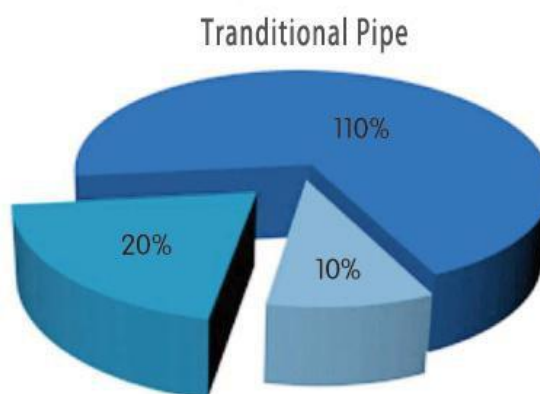
|                                         | Carbon steel pipes | Stainless steel pipe | FST PIPE      | Remarks                                                           |
|-----------------------------------------|--------------------|----------------------|---------------|-------------------------------------------------------------------|
| Installation Duration                   | Slow               | Slow                 | Fast          | No welding required, more than 60% faster than traditional piping |
| Change Difficulty                       | Hard               | Hard                 | Easy          | Quick Installation                                                |
| Change Time                             | Long               | Long                 | Short         | Completing adding a gas branch within 10 minutes                  |
| Internal Roughness                      | 1.9μm              | 1μm                  | 0.2-0.4μm     | Extrusion, smooth inner wall                                      |
| Pressure Loss                           | Big                | Little Big           | Small         | Low roughness, small pressure loss                                |
| Leakage                                 | 5%-20%             | 0%                   | 0%            | O-ring seal                                                       |
| Corrosion after Prolonged Use           | Serious            | A Little             | None          | Anodized inner wall                                               |
| Impact on the Quality of Compressed Air | Serious            | A Little             | None          | Never damage gas equipment                                        |
| Initial Investment Cost                 | Low                | Middle               | A little High |                                                                   |
| Operating Cost                          | Very High          | High                 | Low           |                                                                   |

Traditional pipelines have been used as standard industrial compressed air delivery pipelines for many years. FSTpipe super pipelines provide you with a brand new choice. FSTpipe use more durable materials, aluminum alloy, polymer, suitable for all fluid transportation fields.

## Energy consumption cost due to pipeline pressure drop



- Energy consumption cost 70%
- Initial investment 20%
- Installation and maintenance labor costs 10%



- Energy consumption cost 110%
- Initial investment 10%
- Installation and maintenance labor costs 20%

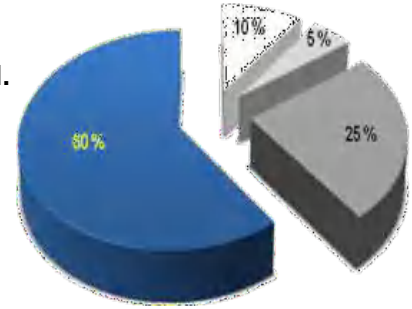
## Comparison of FST PIPE and traditional pipeline

| FSTpipe super pipeline                                                                                                                                                                              | Traditional pipeline                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smooth surface                                                                                                                                                                                      | Rough surface                                                                                                                                                                                       |
| Low friction coefficient, unobstructed air flow                                                                                                                                                     | The coefficient of friction is several times that of aluminum tubes (the air is blocked, and the coefficient of friction resistance increases exponentially over time due to corrosion)             |
| Low initial pressure drop (for example: an air delivery piping system, design flow 6 m <sup>3</sup> /min, 400m long pipeline, pipe diameter 2", air pressure 7 Bar, pressure drop is around 0.2Bar) | Low initial pressure drop (for example: an air delivery piping system, design flow 6 m <sup>3</sup> /min, 400m long pipeline, pipe diameter 2", air pressure 7 Bar, pressure drop is about 0.37Bar) |
| To reach the same air pressure, the air compressor needs a lower loading pressure and consumes less energy                                                                                          | To reach the same air pressure, the air compressor needs a higher loading pressure and consumes more energy                                                                                         |
| The compressed air adopts blue aluminum tube, and the inert gas delivery adopts green tube, which is easy to identify                                                                               | Need extra coloring later, increase cost input                                                                                                                                                      |

## 2. Importance and concept of high-quality piping system

A recent study showed:

- ◆ Only **60%** of the energy produced by compressed air is actually used.
- ◆ **5%** of the loss is due to **unreasonable use**.
- ◆ **25%** of the loss is due to **air leakage**.
- ◆ **10%** of the loss is due to **pressure drop**.



### (1) Pressure drop and energy saving:

The pressure drop of traditional pipelines will gradually increase with the use of time and the inner wall is corroded, while aluminum alloy pipelines have a constant pressure drop due to their non-corrosive characteristics.

Example: Taking a traditional pipeline with an annual pressure drop of 1 bar as an example, using aluminum alloy pipelines to reduce the pressure drop by 0.5 bar compared with traditional pipelines for accounting. The average electricity bill is USD\$0.16 per kWh as an example. The increase in consumption is as follows: (For every 1 bar increase in pressure, the air compressor energy consumption increases by 7%, and every 0.5bar increase in pressure, the air compressor energy consumption increases by 3.5%.)

$$75KW \times 3.5\% \times 0.16/kWh = 0.42USD \text{ (the electricity bill saved in one hour)}$$

$$0.42 \text{ yuan} \times 330 \text{ days} \times 24 \text{ hours} = 3326.4USD \text{ (the electricity bill saved in one year)}$$

$$3 \text{ sets (75KW)} \times 3326.4USD = 9979.2USD \text{ (electricity saved in one year)}$$

Note: Take 330 working days in a year, 24 hours a day as an example.

(2) Air leakage and energy saving:

(3)

The average electricity bill is USD\$0.16/kWh as an example

Under a pressure of 7 bar, an air compressor with a power of 1Kw produces 1m<sup>3</sup> of compressed air per hour, and the economic cost is about USD\$0.16 and under a pressure of 7 bar, a Φ1mm hole will produce a leakage of 4.08m<sup>3</sup>/h. Then every year will leak:

$$4.08\text{m}^3/\text{h} \times 7200\text{h} \text{【} 300\text{day} \times 24\text{h/day} = 7200\text{h} \text{】} = 21376 \text{ m}^3$$

The annual costs are:

$$4.08\text{m}^3/\text{h} \div 1\text{m}^3 \times 7200\text{h} \times 0.16\text{USD} = 4700.16\text{USD}$$

The table analysis is as follows:

| time            | 6000 h/year(250days)      |           | 7200 h/year(300days)      |           |
|-----------------|---------------------------|-----------|---------------------------|-----------|
| loss<br>leakage | leakage (m <sup>3</sup> ) | loss(USD) | Leakage (m <sup>3</sup> ) | loss(USD) |
| Φ1mm            | 24480                     | 3980      | 21376                     | 4700      |
| Φ2mm            | 171200                    | 27392     | 117504                    | 18800     |
| Φ3mm            | 220320                    | 35251     | 264384                    | 42301     |

The above is taken from "The Energy Consumption Status and Energy Saving Potential of Compressed Air System" by SMC Energy Conservation and Environmental Protection Center of Beihang University.

You may replace your compressor and dryer within 5 to 10 years, but your piping system will continue to be used for a long time. It is very important to be able to get the required pressure and flow anywhere in the system. However, compressed air can carry condensate (water, oil) and solid particles that can damage the machine. A high-quality piping system selection and design can eliminate these impurities.

## PART 5. Product Parameters

### 1. Technical parameters of aluminum alloy tube

| No. | content                            | parameters                                                                                                                                              |                                                                                      |
|-----|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1   | Material                           | Ductile aluminum alloy (using GB/T 4437.1-2015 grade 6063, chemical composition meets the requirements of GB/T 311-2008), density 2.7Kg/dm <sup>3</sup> |  |
| 2   | Dimensions and allowable deviation | Comply with GB/T 4436-2012 general grade regulations                                                                                                    |                                                                                      |
| 3   | Coating                            | Electrostatic spraying-color number: can be customized, using American DuPont powder, thickness=70+/-1um                                                |                                                                                      |
| 4   | Coating adhesion                   | Hundred grid knife inspection, level 0 qualified                                                                                                        |                                                                                      |
| 5   | Pressure resistance                | Inspection and inspection meet the requirements of GB/T 241-2007, and the product can bear 1.6Mpa air pressure for a long time without deformation      |                                                                                      |
| 6   | Usages                             | Compressed air, vacuum, nitrogen, inert gas                                                                                                             |                                                                                      |
| 7   | Temperature                        | -30℃—+80℃                                                                                                                                               |                                                                                      |
| 8   | Design work pressure               | 16bar                                                                                                                                                   |                                                                                      |
| 9   | Pipe Length                        | 6m                                                                                                                                                      |                                                                                      |

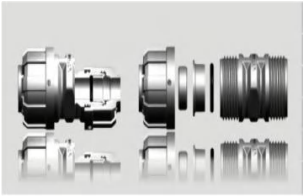
## 2. Technical parameters of aluminum alloy pipe fittings

| No. | contents                           | parameters                                                                                                                                         |  |
|-----|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1   | Material                           | The chemical composition meets the requirements of ADC12, A380, A356 grades in GB/T 15115-2001                                                     |                                                                                      |
| 2   | Dimensions and allowable deviation | Smooth surface, no cracks, corrosion and foreign debris                                                                                            |                                                                                      |
| 3   | Coating                            | Electrostatic spraying, using American DuPont powder, thickness=70+/-1um                                                                           |                                                                                      |
| 4   | Coating adhesion                   | Inspection and inspection meet the requirements of GB/T 241-2007, and the product can bear 1.6Mpa air pressure for a long time without deformation |                                                                                      |
| 5   | Pressure resistance                | Compressed air, vacuum, nitrogen, inert gas                                                                                                        |                                                                                      |
| 6   | Temperature                        | -30℃—+80℃                                                                                                                                          |                                                                                      |
| 7   | Sealing ring                       | NBR high performance O-ring wire seal                                                                                                              |                                                                                      |
| 8   | Design work pressure               | 16bar                                                                                                                                              |                                                                                      |

## 3. Specification parameters of aluminum alloy pipe

| No. | Standard | OD (mm) | Thickness (mm) | ID (mm) | Theoretical weight(kg/6m) | Bracket span (m) |
|-----|----------|---------|----------------|---------|---------------------------|------------------|
| 1   | De20     | 20.00   | 1.45           | 17.10   | 1.37                      | 2.20             |
| 2   | De25     | 24.80   | 1.45           | 21.90   | 1.72                      | 2.20             |
| 3   | De32     | 32.20   | 1.60           | 29.00   | 2.49                      | 2.50             |
| 4   | De42     | 42.00   | 1.90           | 38.20   | 3.88                      | 2.50             |
| 5   | DN50     | 50.60   | 2.10           | 46.40   | 5.18                      | 3.00             |
| 6   | DN65     | 63.50   | 2.30           | 58.90   | 7.16                      | 3.00             |
| 7   | DN80     | 88.90   | 2.60           | 83.70   | 11.41                     | 3.00             |
| 8   | DN100    | 100.20  | 2.60           | 95.00   | 12.91                     | 3.50             |
| 9   | DN125    | 133.00  | 2.75           | 127.50  | 18.23                     | 3.50             |
| 10  | DN150    | 148.20  | 3.00           | 142.20  | 22.17                     | 3.50             |
| 11  | DN200    | 205.30  | 3.20           | 198.90  | 32.91                     | 4.00             |

#### 4. Specification parameters of aluminum alloy pipe fittings

| No. | Standard   | fittings         | parameters                                  |                                                                                       |
|-----|------------|------------------|---------------------------------------------|---------------------------------------------------------------------------------------|
| 1   | DN20-DN42  | body             | Aluminum alloy                              |    |
| 2   |            | Ring nut         | Aluminum alloy                              |                                                                                       |
| 3   |            | Clamping washer  | SS304                                       |                                                                                       |
| 4   |            | Sealing          | Fluorine rubber, nitrile rubber             |                                                                                       |
| 5   |            | Usage            | Compressed air, vacuum, nitrogen, inert gas |                                                                                       |
| 6   |            | Temperature      | -30℃—+80℃                                   |                                                                                       |
| 7   |            | Working pressure | 16bar                                       |                                                                                       |
| 8   | DN50-DN65  | Body             | Aluminum alloy                              |   |
| 9   |            | Clamping washer  | SS304                                       |                                                                                       |
| 10  |            | Sealing          | Fluorine rubber, nitrile rubber             |                                                                                       |
| 11  |            | Usage            | Compressed air, vacuum, nitrogen, inert gas |                                                                                       |
| 12  |            | Temperature      | -30℃ — +80℃                                 |                                                                                       |
| 13  |            | Working pressure | 16bar                                       |                                                                                       |
| 14  | DN80-DN200 | Body             | Aluminum alloy                              |  |
| 15  |            | Sealing          | Fluorine rubber, nitrile rubber             |                                                                                       |
| 16  |            | Usage            | Compressed air, vacuum, nitrogen, inert gas |                                                                                       |
| 17  |            | Temperature      | -30℃ — +80℃                                 |                                                                                       |
| 18  |            | Working pressure | 16bar                                       |                                                                                       |

| Air Compressor<br>Power/KW | Flow Rate<br>m³/min | Pipe Diameter<br>MM |
|----------------------------|---------------------|---------------------|
| 0~12                       | 0~2                 | 20                  |
| 12~18                      | 2~3                 | 25                  |
| 19~37                      | 3~6                 | 32                  |
| 37~55                      | 6~9                 | 40                  |
| 56~84                      | 9~14                | 50                  |
| 85~132                     | 14~22               | 63                  |
| 133~210                    | 22~35               | 80                  |
| 211~330                    | 35~55               | 100                 |
| 331~480                    | 55~80               | 125                 |
| 481~732                    | 80~122              | 150                 |
| 733~1320                   | 122~220             | 200                 |

1. The main pipe network must form a loop and a globe valve must be installed.
2. The diameter of the main pipe must be reasonable to avoid pressure drop and meet the needs of future line expansion.
3. The main piping system shall be installed at a slope of 1% to discharge condensed water (exhaust) towards the lowpoint.
4. Enough clamps must be used to install the pipe so that it remains in place as it expands.
5. The residual condensate shall be discharged by means of a downpipe installed under the main pipe and equipped with a drainage system.
6. The quick drop draws air from the side or above the main pipe to transfer dry air to the gas end.



## PART 6. Project Show



### 深圳康泰健牙科器材有限公司

康泰健以成为全球卓越的义齿服务商，让客户满意，让用户放心为目标，  
一直努力不懈、孜孜不倦地追求着。





## 远东福斯特新能源有限公司

一家坚持倡导安全、绿色、环保、质量、品牌、可持续的发展观念，  
弘扬爱岗敬业的新能源技术公司





## 广州好莱客创意家居股份有限公司

好莱客以HOME LIKE（舒适的家）为己任，秉承“定制家居大师”的品牌理念，为消费者定制专属的家居产品。是定制家居行业首家A股主板上市企业。





## 立讯精密工业(苏州)有限公司

公司隶属于国内著名上市企业“立讯精密”集团，主要生产、研发、销售：电子元器件、通讯设备、计算机设备及配件等；自营和代理各类商品及技术的进出口服务。





## 立讯精密工业(滁州)有限公司

公司隶属于国内著名上市企业“立讯精密”集团公司主要产品为线材组装、连接器、软线路板、声学组件设备等产品,主要应用于3C(计算机、通讯、消费电子)和汽车、医疗等领域。





## 吉安市立讯射频科技股份有限公司

公司隶属于国内著名上市企业“立讯精密”集团，公司主要生产高端耳机、智能手表充电模组、数据线等产品。





## 昆山联滔电子有限公司

公司隶属于国内著名上市企业“立讯精密”集团，主要从事各种连接器、天线及机电整合的模组件等产品的研发、制造及销售，产品广泛应用于笔记本电脑、通讯、服务器、汽车等领域。





## 立讯电子科技(昆山)有限公司

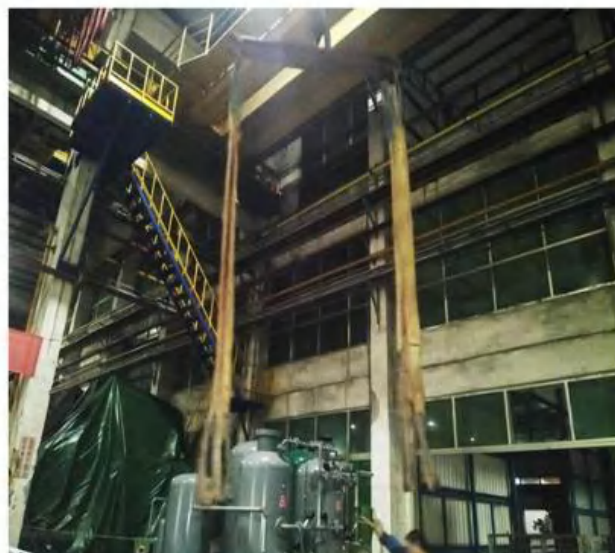
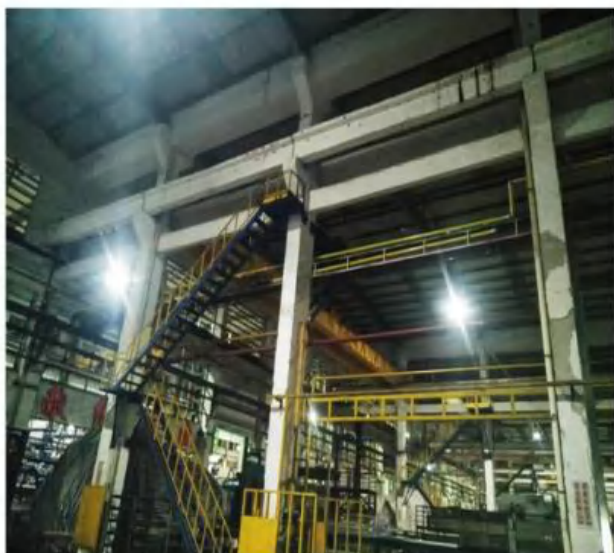
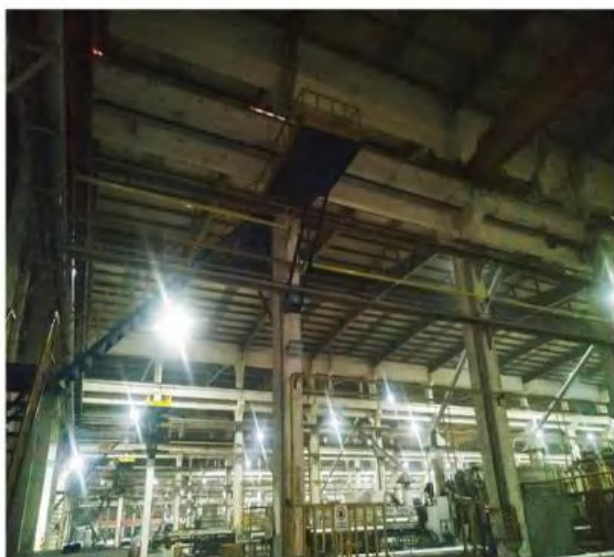
公司隶属于国内著名上市企业“立讯精密”集团，主要专注于连接器、连接线的研发、生产和销售的大型电子企业；产品主要应用于3C(计算薛丁山传奇、通讯、消费电子)和汽车、医疗等领域。





## 广东凤铝铝业有限公司

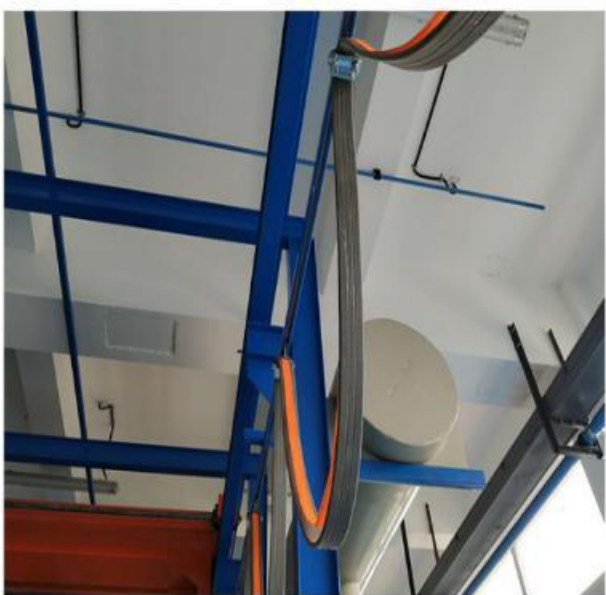
凤铝集团是一家集铝合金型材产品研发、生产与销售为一体的综合型大型企业，是中国铝型材行业的领军企业。曾荣获“中国航天专用铝材”、“中国制造业单项冠军企业”、“国家级技术中心”、“国家认可实验室”、“有色金属产品实物质量金杯奖”



# NAILI耐力

## 耐力股份有限公司

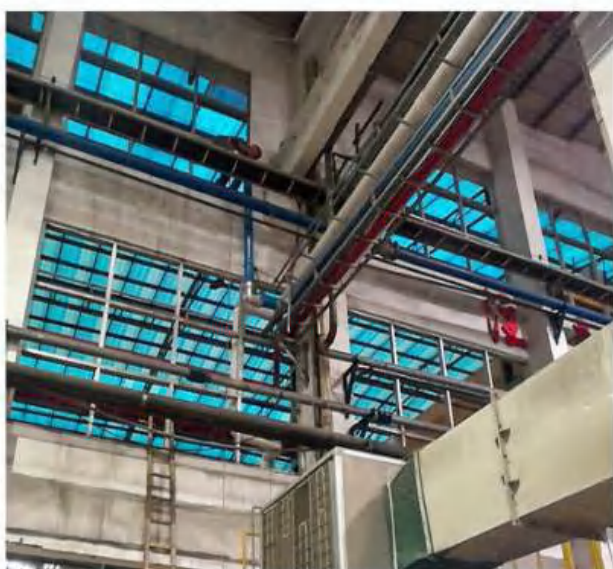
耐力拥有电控技术、空压机技术、电机技术等多项技术。产品广泛应用于轨道交通、无轨电车、金属冶炼等行业；产品出口欧美等三十多个国家和地区，深受国内外客户的一致好评。





## 佛山市三水凤铝铝业有限公司

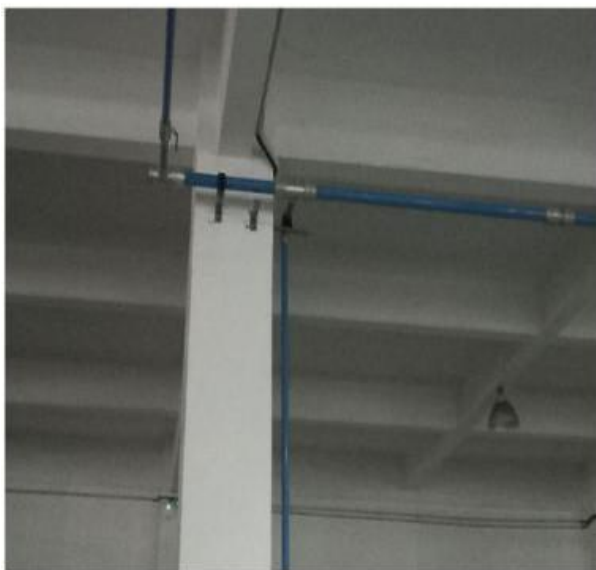
凤铝集团是一家集铝合金型材产品研发、生产与销售为一体的综合型大型企业，是中国铝型材行业的领军企业。曾荣获“中国航天专用铝材”、“中国制造业单项冠军企业”、“国家级技术中心”、“国家认可实验室”、“有色金属产品实物质量金杯奖”



**YAI G** 雅科波罗  
BOLUO 整体定制家居

## 广州市马可波罗有限公司

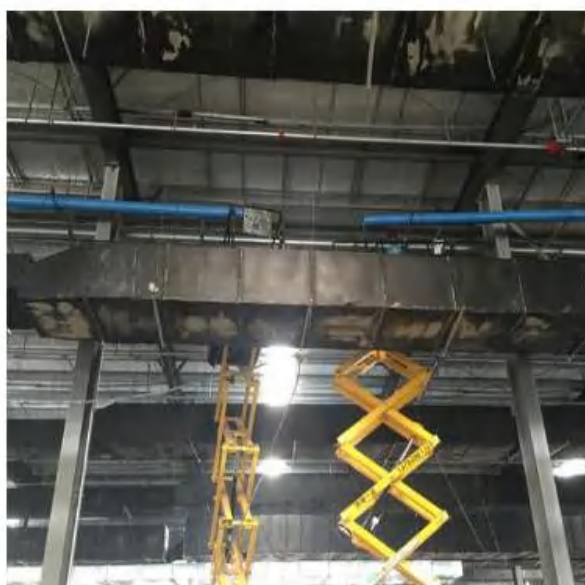
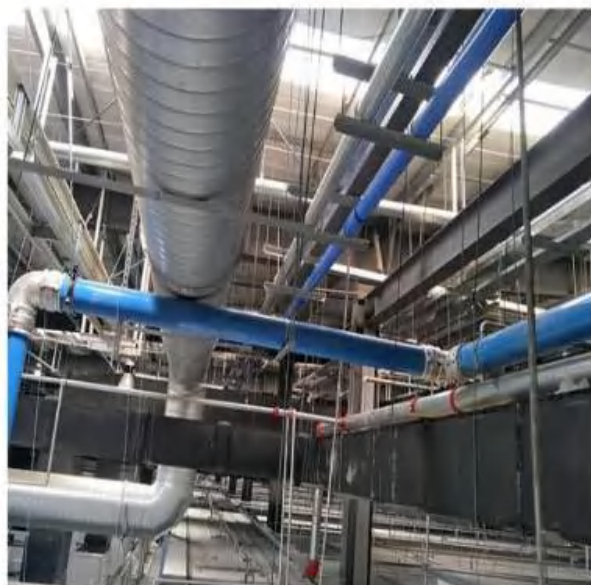
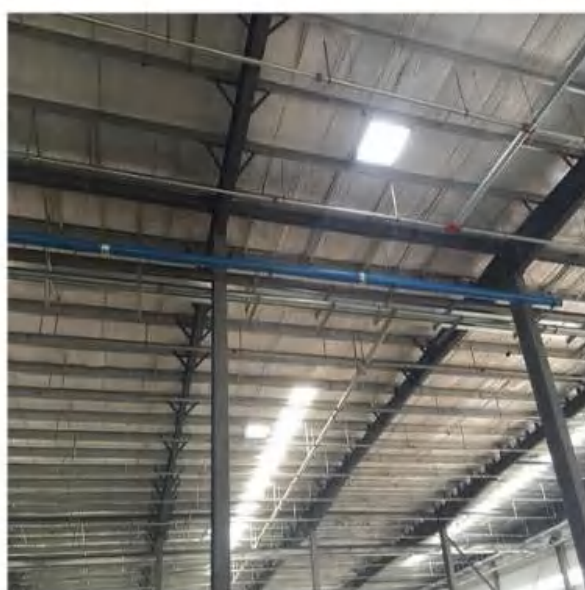
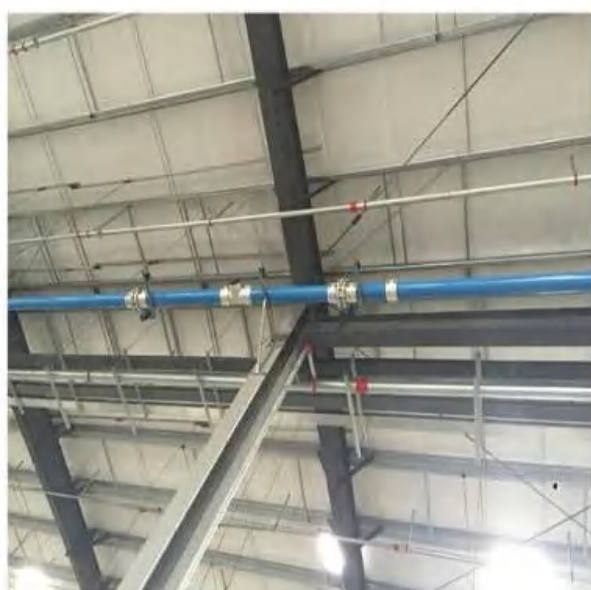
广州市马可波罗有限公司是一家集设计、生产、销售、安装、售后服务五大元素于一体的整体定制家居企业，是恒大、越秀、保利、富力等全国知名房地产集团工程配套战略合作伙伴。旗下知名品牌雅科波罗多次荣获“广东省地产支柱品牌”等荣誉。





## 天津银隆新能源有限公司

银隆以打造新能源领先企业，成就绿色银隆梦为理念，以发展新能源产业，共同构建绿色生态环境为使命，为客户提供优质服务。





## 深圳市长方集团股份有限公司

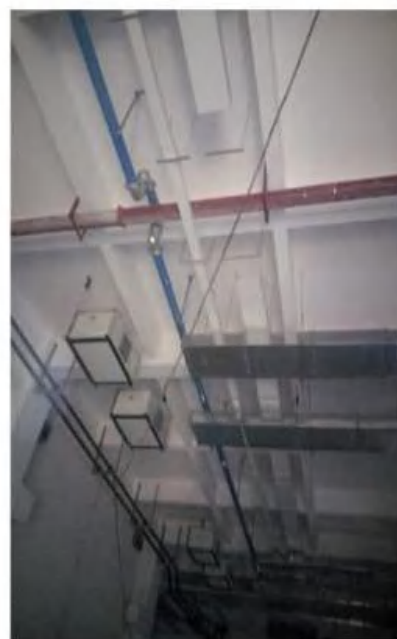
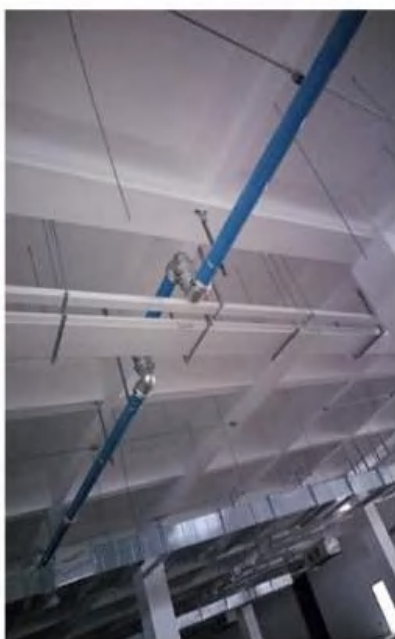
长方集团致力于为全球家居、公共空间及特种照明行业提供健康、智能的照明解决方案，为消费者提供更环保的优质生活。





## 深圳市奥仕达电器有限公司

奥仕达集团是世界家电行业中众多知名品牌的合作伙伴之一，其沿用瑞士总公司的先进管理理念，为客户生产一流的产品以及提供优质的服务。



## PART 7. Parts of Customers

(Note: the translated project name may not correct in english as some has no english name)

| Industry                    | Project Name                                                      | Project address                                                                                |
|-----------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Automotive<br>Manufacturing | HUBEI ZHONGDA INTELLIGENT PARKING SYSTEM CO., LTD.                | Hubei Huangshi Gold Development Zone                                                           |
|                             | Sanfeng Intelligent Conveying Equipment Co., Ltd.                 | 318 Jinshan Avenue, Huangshi Jinshan Industrial New District                                   |
|                             | Wuhan Xinjingwei Painting Co., Ltd.                               | Building 24, Master Industrial Park, Wuhan Economic Development Zone                           |
|                             | Hubei Dongjun Industrial Group                                    | No. 13, Jingui Road, Xianning City, Hubei Province                                             |
|                             | Hubei Hongtaiyang Automobile Industry Co., Ltd.                   | Xiangyang High-tech Zone, Hubei                                                                |
|                             | Hubei Daxiang Special Vehicle Co., Ltd.                           | Hubei Tianmen Industrial Zone                                                                  |
|                             | Polestar Automobile Co., Ltd.                                     | No. 13, Jingui Road, Xianning City, Hubei Province                                             |
|                             | Wuhan Kaidi Site Technology Co., Ltd.                             | Wuhan Yangluo Economic Development Zone                                                        |
|                             | Hubei Huazhong Marelli Automotive Lighting Co., Ltd.              | No. 1, Jingguang Road, Xiaonan District, Xiaogan City, Hubei                                   |
|                             | Changsha Xinquan Auto Parts Co., Ltd.                             | No. 12, Yongtai Road, Liuyang Economic Development Zone, Changsha                              |
|                             | Zhangjiakou Taoditong Co., Ltd.                                   | Industrial Zone, Zhangjiakou City, Hebei Province                                              |
|                             | Zhuzhou Tuoqi Auto Parts Co., Ltd.                                | Lukou Industrial Park, Zhuzhou City                                                            |
|                             | China CSR Westinghouse Rail Transit Co., Ltd.                     | Lufeng Intersection, Yuelu District, Changsha City                                             |
|                             | Wuhan Manzhong Precision Machinery Co., Ltd.                      | Wuhan Dongxihu Industrial Zone                                                                 |
|                             | Huaxiang Technology Co., Ltd.                                     | Hefei High-tech Zone Company                                                                   |
|                             | Hunan Waterma New Energy Co., Ltd.                                | No. 218, Jinshui East Road, Ningxiang High-tech Industrial Park, Changsha City, Hunan Province |
|                             | Wuhan Lear Automotive Interiors Co., Ltd.                         | Wuhan East Lake High-tech Zone                                                                 |
|                             | Wuhan Stanley Electric Co., Ltd.                                  | Wuhan Economic Development Zone                                                                |
|                             | Sanying Wuhan Auto Parts Co., Ltd.                                | Wuhan Economic Development Zone                                                                |
|                             | Wuhan Zhonghe Body Co., Ltd.                                      | Wuhan Hannan Industrial Zone                                                                   |
|                             | Jiangling Motors Corporation, Ltd.                                | Xiaolan Economic Development Zone, Nanchang City, Jiangxi                                      |
|                             | Hubei Shiyan Guanda Auto Parts Co., Ltd.                          | No.1 Xiangyang Road, Maojian District, Shiyan City, Hubei                                      |
|                             | Dongfeng Johnson Automotive Seat Liuzhou Co., Ltd.                | Dongfeng Motor Industrial Park, Liuzhou, Guangxi                                               |
|                             | Hubei Hailite Automobile Air Conditioning Manufacturing Co., Ltd. | Wuhan Hannan Industrial Zone                                                                   |
|                             | Wuhan Huaye Transmission Manufacturing Co., Ltd.                  | Happiness Industrial Zone, Hengdian, Huangpi, Wuhan                                            |
|                             | BMW Brilliance Automotive (Phase II)                              | No. 14 Zuizi Road, Dadong District, Shenyang                                                   |
|                             | Weihai Wanfeng Aowei Steam Turbine Co., Ltd.                      | No.218, Huoju Road, High-tech District, Weihai City                                            |
|                             | Yantai Matt Auto Service Co., Ltd.                                | No. 1 Wuzhishan Road, Yantai Economic and Technological Development Zone                       |
|                             | Zhejiang Geely Hengyuan New Energy Co., Ltd.                      | Panlong Village, Qiubin Street, Wucheng District, Jinhua City, Zhejiang Province               |
|                             | Hangzhou Yichen Automobile Co., Ltd.                              | No. 2788, Dayuan Road, Qingshanhu Street, Lin'an District, Hangzhou                            |
|                             | Tianjin Yinlong New Energy Co., Ltd.-Battery Factory              | Ziya Circular Economy Industrial Zone, Jinghai District, Tianjin                               |
|                             | Foshan Xinyueya Aluminum Co., Ltd. Qingyuan Branch                | Shijiao Town, Qingcheng District, Qingyuan City                                                |
| New Material                | Gestampkin Metal Forming (Wuhan) Co., Ltd.                        | 33 Guannan 4th Road, Jiangxia District, Hongshan District                                      |
|                             | Shaanxi Huaxing Sealing Technology Co., Ltd.                      | No. 2-4, Photovoltaic 1st Road, Qinhan New City, Xixian New District, Shaanxi Province         |
|                             | Hubei Jinquan New Material Co., Ltd.                              | 68 Jingnan Avenue, Jingmen High-tech Zone, Jingzhou, Hubei                                     |
|                             | Kingfa Technology Co., Ltd. Phase II                              | Wuhan Economic Development Zone                                                                |

|                       |                                                                     |                                                                                      |
|-----------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Smart Manufacturing   | Jingshan Intelligent Manufacturing Industrial Park                  | Lake Beijing Mountain Economic Development Zone                                      |
|                       | Luxshare Precision Zhuhai Win-Win Flexible Circuit Co., Ltd.        | Ganwu Town, Doumen District, Zhuhai City, Guangdong Province                         |
| Precision Electronics | Luxshare Precision Boshuo Technology (Jiangxi) Co., Ltd.            | Ji'an High-tech Zone, Jiangxi Province                                               |
|                       | Luxshare Precision Xinyu Xiexun Electronics Co., Ltd.               | Xinyu High-tech Zone, Jiangxi Province                                               |
|                       | Meite Technology (Suzhou) Co., Ltd.                                 | 800 Kangyuan Road, Xiangcheng Economic Development Zone, Suzhou City                 |
|                       | Luxshare Precision Toshima Electronic Technology (Suzhou) Co., Ltd. | Suzhou High-tech Zone, Jiangsu                                                       |
|                       | Luxshare Precision Xingning Luxshare Precision Industry Co., Ltd.   | Yetang Town, Xingning City, Meizhou City, Guangdong Province                         |
|                       | Luxshare Precision Industry (Chuzhou) Co., Ltd.                     | No. 8, Yongyang Road, Langya District, Chuzhou City, Anhui                           |
|                       | EPCOS Resistor Capacitor (Zhuhai) Co., Ltd.                         | No. 48, Nanxiang Road, Hongqi Town, Jinwan District, Zhuhai City                     |
|                       | Guangzhou Hongli Optoelectronics Co., Ltd.                          | No. 1, Xianke 1st Road, Huadu District, Guangzhou                                    |
|                       | Shenzhen Yuanlei Technology Co., Ltd.                               | Tantou West Industrial Zone, Songgang Town, Baoan District, Shenzhen                 |
|                       | Jiangsu Hengtai Lighting Co., Ltd.                                  | No. 111, Ruixing Road, Nantong Economic and Technological Development Zone           |
|                       | Jiangxi Hongli Optoelectronics Co., Ltd.                            | Jiangxi Nanchang High-tech Zone                                                      |
|                       | Dongguan Hengrun Optoelectronics Technology Co., Ltd.               | No. 1, Industrial West Road, Dongguan City, Dongguan City                            |
|                       | Xinwangda Electronics Co., Ltd.                                     | Shiyan Street, Baoan District, Shenzhen                                              |
|                       | Xinkuan Electronic Technology (Kunshan) Co., Ltd.                   | 520 Huangpujiang North Road, Kunshan City, Suzhou City                               |
|                       | Kenfa High Precision (Shenzhen) Co., Ltd.                           | 63 Liuxian 2nd Road, Baoan District, Shenzhen                                        |
|                       | Shenzhen Oriental Bright Color Group                                | Shajing New District, Baoan District, Shenzhen                                       |
|                       | Oriental Liangcai Precision Technology Co., Ltd. Phase I            | High-tech Industrial Zone, Tiangkeng Village, Hengli Town, Dongguan City             |
|                       | Dongguan Obidi Precision Hardware Co., Ltd. Phase II                | High-tech Industrial Zone, Tiangkeng Village, Hengli Town, Dongguan City             |
|                       | Dongguan Obidi Precision Hardware Co., Ltd. Phase III               | High-tech Industrial Zone, Tiangkeng Village, Hengli Town, Dongguan City             |
|                       | Shenzhen Wanrun Technology Co., Ltd.                                | 3001 Sightseeing Road, Guangming New District, Shenzhen                              |
|                       | Nafeng New Energy Technology (Shanghai) Co., Ltd.                   | 311 Songhui Road, Qingpu District, Shanghai                                          |
|                       | China Medikai Holdings Group                                        | Baizhang South Road, Wenling City, Taizhou City, Zhejiang Province                   |
|                       | Hangzhou Dechuang Energy Equipment Co., Ltd.                        | Western Science and Technology Park, Jinxing Village, Yuhang Street, Yuhang District |
|                       | Jiangsu Dafeng Heshun Electronics Co., Ltd.                         | Junction of Shugang Road and Yanchang Road, Dafeng District, Yancheng City           |
|                       | Shanghai Liangxin Electric Co., Ltd.                                | No. 668, Heng'an Road, Gaoxing Town, Pudong New Area                                 |
|                       | Hengdian Group Dongci Co., Ltd.                                     | Hengdian Industrial Zone, Dongyang City                                              |
|                       | Ningbo Xingmao Electronic Technology Co., Ltd.                      | Huangshan West Road, Beilun District, Ningbo                                         |
|                       | Shenzhen Shenzhen Computer Co., Ltd.                                | Longgang District, Shenzhen City, Guangdong Province                                 |
|                       | MiTAC Group                                                         | Export Processing Zone, Kunshan City, Jiangsu                                        |
|                       | Fuxing Electronics Industrial Park, Yongzhou City, Hunan            | High-tech Industrial Park, Lengshuitan District                                      |
|                       | Hunan Kaizhong Electric Co., Ltd.                                   | 11 Yongtai Road, Economic Development Zone, Liuyang, Changsha                        |
|                       | Shangda Electronics (Huangshi) Co., Ltd.                            | Huangshi Gold Mountain Industrial Zone, Hubei                                        |
|                       | Chenzhou Hualei Optoelectronics Technology Co., Ltd.                | Bailutang, Chenzhou City                                                             |
|                       | Jinzhou Hanwha Denso Co., Ltd.                                      | No. 4, Bohai Street, Jinzhou Economic Development Zone                               |
|                       | Weifang Goertek Optoelectronics Co., Ltd. (Phase II)                | High-tech Economic Development Zone, Kuiwen District, Hanting District, Weifang City |
|                       | Weihai Hualing Electronics Co., Ltd.                                | District C, Century Avenue, Wendeng District, Weihai City                            |
|                       | Shandong Qixin Microsystem Technology Co., Ltd.                     | High-tech Pioneer Park, No.135 Zhengtong Road, Zibo High-tech Zone, Shandong         |
|                       | Shandong Lusheng Electric Power Co., Ltd.                           | Lanshan Middle Road, Lanshan District, Rizhao City                                   |

|                                 |                                                           |                                                                                                      |
|---------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|                                 | Huawei Group Suzhou Branch                                | Suzhou Creative Industry Park, Jiangsu                                                               |
|                                 | Huizhou Techuang Electronic Technology Co., Ltd.          | Jinpaishan Industrial Zone, Taiyangao, Baihua Town, Huidong County, Huizhou City                     |
|                                 | Dongguan Xinli Technology Co., Ltd.                       | Xinji Industrial Zone, Machong Town, Dongguan City                                                   |
|                                 | Dongguan Tianji Intelligent System Co., Ltd.              | Songshan Lake High-tech Development Zone, Dongguan City                                              |
|                                 | Huangshi Jinneng Photovoltaic Co., Ltd. Phase II          | Hubei Huangshi Gold Development Zone                                                                 |
|                                 | Wuxi Shangpin Solar Power Technology Co., Ltd.            | No. 8, Luozhou Road, Qianzhou Town, Huishan District, Wuxi, Jiangsu                                  |
|                                 | Xi'an Bright Laser Forming Technology Co., Ltd.           | No. 1 West Section of South Second Ring Road, Xi'an, Shaanxi                                         |
| <b>New Energy</b>               | Xinxiang Tianli Lithium Energy Co., Ltd.                  | Xinxiang City Chemical and Physical Power Supply Industrial Park                                     |
|                                 | Huizhou Yiwei Lithium Energy Co., Ltd.                    | Huicheng District, Huizhou City, Guangdong Province                                                  |
|                                 | Xiamen Rizhen Power Supply Technology Co., Ltd.           | Xiamen Torch High-tech Zone (Xiang'an) Industrial Zone                                               |
|                                 | Jiangsu Wanbang Dehe New Energy Technology Co., Ltd.      | Wujin National High-tech Industrial Development Zone                                                 |
|                                 | Xi'an Desen New Energy Equipment Co., Ltd.                | North side of Jinggao South Road (Qiheng Road), Jinghe Industrial Park, Xi'an                        |
|                                 | Sungrow Power Co., Ltd.                                   | No. 2, Tianhu Road, High-tech Zone, Hefei City, Anhui Province                                       |
|                                 | Jiangxi Foster New Energy Group Co., Ltd.                 | Jiangxi Yichun High-tech Zone                                                                        |
|                                 | JinkoSolar Holdings Limited                               | Jiangxi Shangrao High-tech Zone                                                                      |
|                                 | Tianneng Group Co., Ltd.                                  | New base in Wujiang, Jiangsu                                                                         |
| <b>Military Industry</b>        | Shandong Intelli Group Co., Ltd.                          | Rencheng District, Jining City, Shandong Province                                                    |
|                                 | AVIC Lanzhou Flight Control Co., Ltd.                     | 668 West Road, Anning District, Lanzhou City                                                         |
|                                 | AVIC Xi'an Aircraft Industry Co., Ltd.                    | No. 1, Xifei Avenue, Yanliang District, Xi'an                                                        |
|                                 | Shaanxi Zhonghang Gas Spring Co., Ltd.                    | Room S501, Innovation Building, No. 25 Gaoxin 1st Road, Yanta District, Xi'an City, Shaanxi Province |
|                                 | Changzhou Tianshan Heavy Industry Machinery Co., Ltd.     | 25 Shangde Road, Xinbei District, Changzhou City                                                     |
|                                 | Sichuan Hangfei Aviation Technology Co., Ltd.             | 411, Section 2, Riyue Avenue, Hongyan Village, Qingyang District, Chengdu, Sichuan, China            |
|                                 | No. 674 Branch of the State-owned Yunnan Fuel No. 1 Plant | Luliang County, Qujing City, Yunnan Province                                                         |
|                                 | CSSC Jiujiang Co., Ltd.                                   | Jiujiang Economic Development Zone                                                                   |
|                                 | Hangzhou Navigation Instrument Co., Ltd.                  | No. 182, Zhijiang Road, Zhuantang Street, Xihu District, Hangzhou                                    |
|                                 | Sichuan Tongan Tianfu Aviation Industry Co., Ltd.         | Shigao Economic Development Zone, Renshou County, Tianfu New District, Chengdu, Sichuan              |
| <b>Vehicle Manufacturing</b>    | CSR Zhuzhou Electric Locomotive Co., Ltd.                 | 161 Times Road, Shifeng District, Zhuzhou City, Hunan                                                |
|                                 | CRRC Times New Material Co., Ltd.                         | Zhuzhou High-tech Development Zone, Hunan                                                            |
|                                 | Wenzhou Changjiang Automotive Electronics Co., Ltd.       | Zhejiang Wenzhou Economic and Technological Development Zone                                         |
|                                 | Weihai Wanfeng Aowei Steam Turbine Company                | 1411 Hexing Road, Huancui District, Weihai City, Shandong                                            |
|                                 | Liuzhou Yanfeng Johnson Seating Co., Ltd.                 | Dongfeng Motor Industrial Park, Liuzhou, Guangxi                                                     |
| <b>Parts Manufacturing</b>      | Hubei Hongtaiyang Automobile Industry Co., Ltd.           | Dongfeng Avenue, Xiangyang High-tech Zone                                                            |
|                                 | Jiangling Motors Co., Ltd.                                | Jiangbei Economic Development Zone, Nanchang, Jiangxi                                                |
| <b>Motorcycle manufacturing</b> | Jiangsu Tianming Special Vehicle Co., Ltd.                | Lingang Industrial Zone, Zhewang Town, Ganyu District, Lianyungang City                              |
|                                 | CIMC Vehicles (Group) Co., Ltd.                           | Opposite to Yulong School, Jinwo Village, Wangniudun Town, Dongguan                                  |
| <b>Rail Transport</b>           | Ningbo Joyson Electronics Co., Ltd.                       | No. 1266, Juxian Road, Ningbo High-tech Zone, Zhejiang                                               |
|                                 | Dongjun Group Chipada Steering System Hubei Co., Ltd.     | Xian'an, Xianning, Hubei                                                                             |
|                                 | Desay SV Automotive Electronics Co., Ltd.                 | Zhongkai High-tech Zone, Huizhou, Guangdong Province                                                 |
|                                 | Dongguan Nanakas Precision Auto Parts Co., Ltd.           | Fumin Industrial Park, Dalang Town, Dongguan City, Guangdong                                         |
|                                 | Ningbo Shengweidehe Huaxiang Auto Mirror Co., Ltd.        | 50 meters west of Hongxiang Road, Xiangshan County, Ningbo City                                      |
|                                 | Robin Polymer Technology (Xiamen) Co., Ltd.               | No. 1400, Jicheng Road, Torch High-tech Zone, Tongan District, Xiamen City, Fujian Province          |
|                                 | Chengdu Alt New Energy Automobile Co., Ltd.               | Gate 2, Chenggong Construction Machinery Co., Ltd., No. 668, Auto City Avenue, Longquanyi District,  |

|                       |                                                                                   |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |                                                                                   | Chengdu City, Sichuan Province                                                                                                                            |
|                       | Chengdu Yutian Guanxia Auto Parts Co., Ltd.                                       | No. 11, Hezhi West Road, Baihe Town, Longquanyi District, Chengdu, Sichuan Province, which is the highway directly opposite Volvo and Dayun Motor Company |
|                       | Chengdu Xinquan Automotive Trim System Co., Ltd.                                  | No. 21, Long'an Road, Chengdu Economic and Technological Development Zone (Longquanyi District), Sichuan Province                                         |
|                       | Hangzhou Fuchun Spring Co., Ltd.                                                  | No. 88, Gaoqiao Industrial Function Zone, Yinhu Street, Fuyang District, Hangzhou, Zhejiang                                                               |
|                       | CRRC Sichuan Dange Parts Co., Ltd.                                                | No. 1, Waibei Street, Danling Town, Danling County, Meishan City, Sichuan Province                                                                        |
|                       | Shanghai Hugong Automobile Electric Co., Ltd.                                     | Lane 3111, Xiupu Road, Pudong New Area, Shanghai                                                                                                          |
|                       | Jiangsu Demo Injection Molding Decoration Technology Co., Ltd.                    | Zhangpu Town, Kunshan City, Jiangsu Province                                                                                                              |
|                       | Chengdu Tianxing Yamada Automotive Parts Co., Ltd.                                | No. 2, Century Avenue, Chengdu Economic and Technological Development Zone, Longquanyi District, Chengdu City, Sichuan Province                           |
|                       | Chongqing Landai Power Transmission Machinery Co., Ltd.                           | Biquan Street, Bishan District, Chongqing                                                                                                                 |
|                       | Chongqing Huofu Auto Parts Co., Ltd.                                              | 11 Yinglong Avenue, Longxing Town, Yubei District, Chongqing                                                                                              |
|                       | Chongqing Xingji Gear Co., Ltd.                                                   | No. 11, Shanxi Road, Qinggang Street, Bishan District, Chongqing                                                                                          |
|                       | Stanley Electric Co., Ltd. (National System)                                      | Shenzhen, Hubei, Wuhan and other places                                                                                                                   |
|                       | CRRC Tangshan Co., Ltd.                                                           | Changqian Road Locomotive Factory, Fengrun District, Tangshan City                                                                                        |
|                       | Zhejiang Shuanghuan Transmission Machinery Co., Ltd.                              | Yuhuan County Electromechanical Industry Functional Zone                                                                                                  |
|                       | Zhejiang Hengwei Group Co., Ltd.                                                  | Dipu Town, Anji County, Huzhou City                                                                                                                       |
|                       | Huzhou Jianli Metal Products Co., Ltd.                                            | No. 236, Chengnan Road, Luoshe Chengnan Industrial Zone, Deqing, Huzhou                                                                                   |
|                       | Chongqing Hanyuan Machinery Co., Ltd.                                             | Luohuang Industrial Park, Jiangjin District, Chongqing                                                                                                    |
|                       | China Qingqi Group Co., Ltd.                                                      | No. 34, Heping Road, Jinan City, Eastern Province                                                                                                         |
|                       | Yantai Matt Group Co., Ltd.                                                       | No. 1 Wuzhishan Road, Yantai Economic and Technological Development Zone                                                                                  |
|                       | Shandong Wuzheng Group Co., Ltd.                                                  | Wulian County, Wuzheng, Shandong                                                                                                                          |
|                       | Shanghai Metro Line 14                                                            | Shanghai                                                                                                                                                  |
|                       | Sichuan Fuanlong Special Purpose Vehicle Co., Ltd.                                | Sichuan Guang'an Economic Development Zone                                                                                                                |
|                       | Chengdu Metro Line 3                                                              | Sichuan Chengdu Metro Station                                                                                                                             |
| Research Institutions | Zhejiang University                                                               | 38 Zheda Road, Xihu District, Hangzhou, Zhejiang                                                                                                          |
|                       | China Bronze Museum                                                               | Binhe Avenue, Weibin District, Baoji City                                                                                                                 |
|                       | Xi'an Cultural Relics Conservation and Restoration Center                         | Cultural Relics Technology Building, No. 35 Gaoxin 1st Road, Yanta District, Xi'an                                                                        |
|                       | Hefei Prison in Anhui Province                                                    | No. 10, Qingxi Road, Shushan District, Hefei City                                                                                                         |
|                       | Yunnei Power Lab                                                                  | Huishan District, Wuxi, Jiangsu                                                                                                                           |
|                       | Huazhong University of Science and Technology-Scientific Manufacturing Laboratory | Wuhan Optics Valley Campus                                                                                                                                |
|                       | Xi'an Jiaotong University                                                         | 28 Xianning West Road, Xi'an City, Shaanxi Province                                                                                                       |
|                       | China Institute of Engineering Physics                                            | No. 34, Mianshan Road, Mianyang City, Sichuan                                                                                                             |
| Home Manufacturing    | Sophia Home Furnishing Co., Ltd.                                                  | Huanggang, Hubei, Sichuan, etc.                                                                                                                           |
|                       | Guangdong Yihua Wood Industry Co., Ltd.                                           | China, Shandong, Sichuan, Guangdong and other places                                                                                                      |
|                       | Shenzhen Guanniu Wood Industry Co., Ltd.                                          | 11 Huanguan Middle Road, Baoan District, Shenzhen                                                                                                         |
|                       | Zhejiang Yongyi Furniture Co., Ltd.                                               | Near No.1 Yongyi West Road, Anji County, Huzhou City, Zhejiang Province                                                                                   |
|                       | Shenzhen Fuanna Household Products Co., Ltd.                                      | Fuanna Building, Nanguang Road, Nanshan District, Shenzhen                                                                                                |
|                       | Xi'an Debao Dizani Household Products Co., Ltd.                                   | No. 1 Society of Nianshui Village, Jiajia Town, Yang City (Jiajia Small and Medium Enterprise Park)                                                       |
|                       | Guangzhou Haolaike Furniture Co., Ltd.                                            | Nan'an Economic Development Zone, Quanzhou City, Fujian Province                                                                                          |

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|                     | Jiangsu Zhongyun Wood Industry Co., Ltd.                            | No. 5, Section 1, Second Ring Road West, Wuhou District, Chengdu, Sichuan                                                  |
|                     | Xi'an Debao Dizani Household Products Co., Ltd.                     | No. 1, Juxian Road, Northwest Furniture Industrial Park, Huaxu Town, Lantian County                                        |
|                     | Guangzhou Haolaike Furniture Co., Ltd.                              | China                                                                                                                      |
|                     | Jiangsu Zhongyun Wood Industry Co., Ltd.                            | Anlan Industrial Park, Fu'an Town, Dongtai City, Yancheng City, Jiangsu Province                                           |
|                     | Nippon Paint (China) Co., Ltd.                                      | China, Chengdu, Wujiang, Xianning and other factories                                                                      |
|                     | Allstar Fuzhou Furniture Co., Ltd.                                  | Lianjiang County, Fuzhou                                                                                                   |
|                     | Guangdong Senyuan Mengma Industrial Co., Ltd.                       | Dalingshan Town, Dongguan City                                                                                             |
|                     | Guangdong Country Garden Home Furnishing Co., Ltd.                  | Dawang High-tech Development Zone, Zhaoqing City, Guangdong                                                                |
| Metal Manufacturing | Sulu Technology Wuxi Co., Ltd.                                      | No. 28, Chunhui Middle Road, Yunlin Street, Xishan District, Wuxi City                                                     |
|                     | Qingyuan Xinyueya Aluminum Co., Ltd.                                | No. 31, Qingsan Road, Non-ferrous Metal Processing and Manufacturing Base, Shijiao Town, Qingcheng District, Qingyuan City |
|                     | Foshan Sanshuifeng Aluminum Aluminum Co., Ltd.                      | Zuotian Private Development Zone, Hekou, Southwest Street, Sanshui District, Foshan City                                   |
|                     | Guangdong Xingfa Aluminum Industry Co., Ltd.                        | No. 23, Renhe Road, Nanzhuang Town, Chancheng District, Foshan City                                                        |
|                     | Foshan Nanhai Taoyuan Aluminum Industry Co., Ltd.                   | Tiekeng Village, Songgang Shiquan Management District, Shishan Town, Nanhai District, Foshan City                          |
|                     | Guangzhou Aoguansi Aluminum Industry Co., Ltd.                      | Luocun Stone Field, Tanbu Town, Huadu District, Guangzhou                                                                  |
|                     | Zhejiang Akxiong Shunhua Aluminum Plastic Industry Co., Ltd.        | No. 88, 321 National Road (Xiaoyue Section), Shangyu District, Shaoxing City, Zhejiang Province                            |
|                     | Guangdong Suyue Aluminum Co., Ltd.                                  | Changpu, Aotou Village, Fengcheng Street, Xinfeng County                                                                   |
| Tobacco Industry    | Jiangsu China Tobacco Industry Corporation Xuzhou Cigarette Factory | No. 80, Huancheng Road, Gulou District, Xuzhou City                                                                        |
|                     | Chenzhou Redrying Factory                                           | Chenzhou Redrying Factory                                                                                                  |
|                     | Yongzhou Redrying Factory                                           | 1188 Pearl Road, Lengshuitan District, Yongzhou City                                                                       |
|                     | Guangdong Shaoguan Tobacco Redrying Co., Ltd.                       | 38 Shaoxiang Road, Zhenjiang District, Shaoguan City, Guangdong Province                                                   |
|                     | Zhejiang Tobacco Co., Ltd.                                          | Tobacco Project Department, Changpu Road, Wanji District, Taizhou City, Zhejiang Province                                  |
|                     | Shandong Ruibosi Tobacco Co., Ltd.                                  | No. 6, Tengfei Road, Yishui County, Linyi, Shandong                                                                        |
| Medical Equipment   | Shandong Innovative Drug Research and Development Co., Ltd.         | Gangxing 3rd Road, Licheng District, Jinan City                                                                            |
|                     | Sinopharm Group Pharmaceutical Logistics Co., Ltd.                  | Kangning Road, Zhabei District, Shanghai                                                                                   |
|                     | Hubei Jointown Pharmaceutical Group Co., Ltd.                       | Dongxi Lake, Wuhan, Hubei                                                                                                  |
|                     | Zhejiang Jianerkang Medical Dressing Co., Ltd.                      | No. 1, Jianerkang Road, Industrial Concentration Zone, Zhixi Town, Jintan District, Changzhou City, Jiangsu Province       |
|                     | Shandong Kangsen Pharmaceutical Co., Ltd.                           | No. 8, Yuquan Road, Jiehu Street, Yinan County, Linyi City, Shandong Province                                              |
|                     | Fu Yuan Pharmaceutical Co., Ltd.                                    | Xuancheng Economic and Technological Development Zone, Anhui Province                                                      |
|                     | Shanghai Jiyou Pharmaceutical Technology Co., Ltd.                  | 1227 Zhangheng Road, Shanghai Pilot Free Trade Zone                                                                        |
|                     | Hangzhou Mustin Medical Equipment Co., Ltd.                         | Shunfeng Road, Qianjiang Economic Development Zone                                                                         |
|                     | Jiangxi Hongda Medical Equipment Co., Ltd.                          | 31 Shengli South Road, Jinxian County, Nanchang City, Jiangxi Province                                                     |
|                     | Guizhou Jianruian Pharmaceutical Co., Ltd.                          | Wanjiang Road, Zhazuo Pharmaceutical Industrial Park, Xiuwen County, Guiyang City, Guizhou Province                        |
|                     | Zhejiang Huahai Pharmaceutical Co., Ltd.                            | Xunqiao, Linhai City, Zhejiang Province                                                                                    |
|                     | Hunan Aofei Intelligent Medical Machinery Co., Ltd.                 | Building F4, Phase 3.1, Independent Innovation Park, Xinma Power Valley, Tianyuan District, Zhuzhou City, Hunan Province   |
|                     | Shengtuo Medical Technology (Shanghai) Co., Ltd.                    | Room 501, No. 11, Lane 500, Furonghua Road, Pudong New Area, Shanghai                                                      |
|                     | Terumo Medical Products (Hangzhou) Co., Ltd.                        | No. 32, Xiasha 16th Street, Jianggan District, Hangzhou                                                                    |
|                     | Fresenius Kabi (Guangzhou) Medical Products Co., Ltd.               | 43 Baoying Avenue, Guangzhou Free Trade Zone                                                                               |
|                     | Bain Medical Equipment (Guangzhou) Group Co., Ltd.                  | East District of Guangzhou Economic and Technological Development Zone                                                     |

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|                    | Jiangxi Sanxin Medical Co., Ltd.                             | 111 Fushan Avenue, Xiaolan Economic Development Zone, Nanchang County, Jiangxi Province                             |
|                    | Hangzhou Puang Medical Equipment Co., Ltd.                   | Building 1, No. 12, Longtan Road, Cangqian Street, Yuhang District, Hangzhou City, Zhejiang Province                |
|                    | Disa Pharmaceutical Research Institute                       | Tianjin Binhai New Area                                                                                             |
|                    | Jiangsu Inco Medical Products Co., Ltd.                      | 77 Yandunshan Road, Zhenjiang New District                                                                          |
|                    | Yantai Adori Biotechnology Co., Ltd.                         | East of Qujia Village, Zhangxing Town, Zhaoyuan City, Yantai City                                                   |
|                    | Hubei Old Ghost Biological Technology Co., Ltd.              | Wuhan Dongxihu                                                                                                      |
|                    | Hunan Aofei Medical Machinery Co., Ltd.                      | No. 16, Yongtai Road, Economic Development Zone, Liuyang, Changsha                                                  |
|                    | Disa Pharmaceutical Group (Tianjin) Research Co., Ltd.       | Tianjin Economic and Technological Development Zone                                                                 |
|                    | Guangdong Junyue Nutritional Medicine Co., Ltd.              | Qingxi Jinsha Development Zone, Longmen County, Huizhou City                                                        |
|                    | Shaanxi Provincial Hospital                                  | 256 West Youyi Road, Xi'an                                                                                          |
| Packaging Industry | Dare Technology Co., Ltd.                                    | 15 Jinling West Road, Development Zone, Danyang City                                                                |
|                    | Wuhan Xinjiajie Printing Co., Ltd.                           | No. 6, Jiufeng Street, Canglong Island Science and Technology Park, Jiangxia District                               |
|                    | Changde Jinde Laser Technology Company                       | No. 5 Industrial New Area, Wuling District, Changde City                                                            |
|                    | Chengdu Qingyang Baobai Packing Co., Ltd.                    | No. 820 Gangtai Avenue, North Area of Chengdu Modern Industrial Port, Pixian County, Chengdu City, Sichuan Province |
|                    | Wanbang Special Materials Co., Ltd.                          | Gaohe Town, Huaining County, Anqing City                                                                            |
|                    | Dongguan Mingfeng Packaging Products Manufacturing Co., Ltd. | Mingfeng Industrial Zone, Xinguyong Village, Wanjiang District                                                      |
|                    | Hebei Stora Enso Zhengyuan Packaging Co., Ltd.               | No. 1211, Feng'an Road, Qian'an City, Tangshan City, Hebei                                                          |
| Textile Printing   | Duo Ai Home Textile Co., Ltd.                                | 627 Lugu Avenue, Yuelu District, Changsha City                                                                      |
|                    | Hubei Jiangnan Cotton Textile Factory                        | Xiongzou Town, Qianjiang City, Qianjiang City                                                                       |
|                    | Guangdong Dabao Chemical Group                               | Datang, Dalingshan Town, Dongguan City                                                                              |
|                    | Shandong Hualun Chemical Fiber Co., Ltd.                     | No. 111, Meishan Road, Junan County, Linyi City                                                                     |
|                    | Hangzhou Dayu Bags Co., Ltd.                                 | Yuhang District, Hangzhou                                                                                           |
|                    | Zibo Yinshilai Textile Co., Ltd.                             | Yinlong Village, Boshan Economic Development Zone, Zibo City                                                        |
|                    | Shandong Aidi Polymer Material Co., Ltd.                     | 008 Fenghuang Road, High-tech Zone, Laiwu City                                                                      |
|                    | Lingcheng Deren Textile Co., Ltd.                            | No. 12, Shengze Street, Shengze Town, Wujiang City                                                                  |
|                    | Mega Shuang (China) Co., Ltd.                                | Yihe Industrial, Shishi City, Quanzhou City, Fujian Province                                                        |
|                    | Chengdu Bardez Paint Co., Ltd.                               | Jiazi Road, Jinyuan Town, Dayi County, Chengdu City, Sichuan Province                                               |
|                    | China Textile Group                                          | Beijing East Chang'an Street North                                                                                  |
|                    | Hubei Jiangnan Cotton Textile Factory                        | Jingmen, Jingzhou, Hubei                                                                                            |
|                    | Wuhan Xinjiajie Printing Co., Ltd.                           | Longfeng Street, Canglong Island, Optics Valley Avenue, Wuhan                                                       |
|                    | Hubei Guangcai Printing and Packaging Co., Ltd.              | Guangshui City Industrial Zone, Suizhou City, Hubei Province                                                        |
|                    | Changsha loves home textiles                                 | The junction of Leifeng Avenue and Yuelu Avenue, Yuelu District, Changsha                                           |
|                    | Chenzhou Hongsheng Textile Co., Ltd.                         | Wuxing Village, Gaitang Town, Beihu District, Chenzhou City                                                         |
|                    | Shandong Hualun Chemical Fiber Co., Ltd.                     | No. 111, Meishan Road, Junan County, Linyi City                                                                     |
|                    | China Textile Group Jinwei Co., Ltd.                         | Zhucheng Economic Development Zone                                                                                  |
|                    | Chinatex Jinxu Textile Co., Ltd.                             | Zhucheng Economic Development Zone                                                                                  |
|                    | Shandong Demian Co., Ltd.                                    | 538 Textile Street, Decheng District, Dezhou City                                                                   |
|                    | Deren Textile Co., Ltd.                                      | Deren Road, Xuecheng District, Zaozhuang City                                                                       |
|                    | Gaomi Deliyuan Textile Co., Ltd.                             | Zhucheng Economic Development Zone                                                                                  |
|                    | Zibo Haitian Textile Co., Ltd.                               | 320 Xinghua Road, Wangcun Town, Zhoucun District, Zibo City                                                         |
|                    | Zibo Yinshilai Textile Co., Ltd.                             | Yinlong Village, Economic Development Zone, Zibo City                                                               |

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|                         | Changyi Rongyuan Textile Co., Ltd.                                 | 163 Beihai Road, Changyi City, Weifang City                                                                                  |
|                         | Gaomi Chengjin Textile Co., Ltd.                                   | Gaomi City, Weifang City                                                                                                     |
|                         | Huayu Textile Co., Ltd.                                            | Gaomi City, Weifang City                                                                                                     |
|                         | Silk Textile Co., Ltd.                                             | 11 Fengshan Road, Fangzi District, Weifang City                                                                              |
|                         | Shandong Wantai Textile Co., Ltd.                                  | Near No. 25 Xiantan Road, Yicheng District, Zaozhuang City                                                                   |
|                         | Linyi Lanao Printing Co., Ltd.                                     | Linyi Yishui, Shandong                                                                                                       |
|                         | Xinjiang Wusu Shengda Textile Co., Ltd.                            | 37 Square Road, Shawan County, Tacheng District, Xinjiang                                                                    |
| Food Manufacturing      | Guangzhou Dongpeng Food & Beverage Co., Ltd.                       | Provincial Highway 256, Shitan Town, Zengcheng District, Guangzhou                                                           |
|                         | Hubei Fuwa Group                                                   | 50 meters east of Provincial Highway 215, Jianli County, Jingzhou City                                                       |
|                         | Good neighbor co., ltd.                                            | Beside Chengxi Avenue, Huangtang Town, Hui'an County                                                                         |
|                         | Dongguan Huimei Can Manufacturing Co., Ltd.                        | 1st Road, Chikan Industrial Zone, Shipai Town, Dongguan City                                                                 |
|                         | Dongguan Baiweijia Food Co., Ltd.                                  | 3 Songxi Road, Dongguan City, Dongguan City                                                                                  |
|                         | Sichuan Anjing Food Co., Ltd.                                      | No. 12, Jiadubao Avenue, Pharmaceutical and Food Industrial Park, Chengdong New District, Yanjiang District, Ziyang City     |
|                         | Lotte (Shanghai) Food Co., Ltd.                                    | No. 8811, Tingwei Road, Tinglin Town, Jinshan District, Shanghai                                                             |
|                         | Chengdu Dingxian Agricultural Products Planting Co., Ltd.          | No. 288, Rongtai Avenue, Chengdu Cross-Strait Science and Technology Industrial Development Park, Wenjiang District, Chengdu |
|                         | Hunan Huangye Food Co., Ltd.                                       | 3 Songxi Road, Dongguan City, Dongguan City                                                                                  |
|                         | Sichuan Guosha Industrial Co., Ltd.                                | No. 12, Jiadubao Avenue, Pharmaceutical and Food Industrial Park, Chengdong New District, Yanjiang District, Ziyang City     |
|                         | Tianpu Music Food (Shanghai) Co., Ltd.                             | No. 8811, Tingwei Road, Tinglin Town, Jinshan District, Shanghai                                                             |
|                         | Hangzhou Salt Industry Technology Co., Ltd.                        | No. 288, Rongtai Avenue, Chengdu Cross-Strait Science and Technology Industrial Development Park, Wenjiang District, Chengdu |
|                         | Xiangtan Xiaolongwang Betel Nut                                    | No. 12, Yanqi North Second Street, Huairou District, Beijing                                                                 |
|                         | Xiangtan Xiaolongwang Betel Nut                                    | Yisu River, Xiangtan City                                                                                                    |
|                         | Yiyang Huangye Betel Nut                                           | Heshan District, Yiyang City                                                                                                 |
|                         | Shaanxi Qinlong Dairy Group Co., Ltd.                              | Guanshan Town, Yanliang District, Xi'an City, Shaanxi Province                                                               |
|                         | Parkson Fungus Factory (Phase 2)                                   | Suiyang Town, Mudanjiang City                                                                                                |
|                         | Shaanxi Qinyang Wine Industry Co., Ltd.                            | No. 35, Gongnong Street, Yang County, Hanzhong City                                                                          |
| Machinery Manufacturing | Hengfeng Tools Co., Ltd.                                           | No. 231, Xinqiao North Road, Wuyuan Town, Haiyan County                                                                      |
|                         | Taizhou Xinli Molding Co., Ltd.                                    | No. 128, Xinjiang Road, Chengjiang Street, Huangyan District, Taizhou City                                                   |
|                         | Suzhou Fenggu Precision Machinery Co., Ltd.                        | No. 3, Jinyu Road, Taiping Industrial Park, Xiangcheng District, Suzhou City                                                 |
|                         | Suzhou Dongfang Mould Technology Co., Ltd.                         | High-tech Industrial Park, Southeast Development Zone, Changshu City                                                         |
|                         | Hongyun Precision Mould Co., Ltd.                                  | Longjin Management District, Shuikou Town, Guangdong                                                                         |
|                         | Gusong Group Xinyong Plastic Mould Parts Factory                   | Chang'an Town, Dongguan City                                                                                                 |
|                         | Karl Mayer (China) Co., Ltd.                                       | High-tech Industrial Development Zone, Wujin District, Changzhou City                                                        |
|                         | Jiangsu Jingjiang Sanma Hoisting Machinery Manufacturing Co., Ltd. | No. 3, Jiangfang West Road, Jingjiang City, Taizhou City                                                                     |
|                         | American Quincy Compressor Co., Ltd.-supporting project            | 2633 Yan'an West Road, Shanghai                                                                                              |
|                         | Xiamen Tongji Thermal Power Co., Ltd.                              | Meihe 3rd Road, Tongan District, Xiamen                                                                                      |
|                         | KUKA Robotics (Shanghai) Co., Ltd.                                 | Xiaokunshan Town, Songjiang District, Shanghai                                                                               |
|                         | Anhui Weisong Optoelectronics Technology Co., Ltd.                 | 11 Yulan Avenue, High-tech Zone, Hefei City, Anhui Province                                                                  |
|                         | Hubei Jinquan New Materials Co., Ltd.                              | 68 Jingnan Avenue, Jingmen High-tech Zone                                                                                    |

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|                                 | Qingdao Baojia Automation Equipment Co., Ltd.                  | Qingdao High-tech Industrial Development Zone                                                                                                                 |
|                                 | Sichuan Deen Machinery Co., Ltd.                               | No. 18, Meiqing Road, Qingshen County, Meishan City, Sichuan Province                                                                                         |
|                                 | Guangzhou Mingyi Electronic Machinery Co., Ltd.                | Provincial Highway 256, Zengcheng District, Guangzhou                                                                                                         |
|                                 | Chengdu Tonglin Foundry Industry Co., Ltd.                     | Tonglin, Xinchang Town Industrial Zone, Dayi County, Chengdu City, Sichuan Province                                                                           |
|                                 | Baoji Longhui Machinery Manufacturing Co., Ltd.                | Road 11, High-tech Development Zone, Baoji City, Shaanxi Province                                                                                             |
|                                 | Chengdu Lianyu Precision Machinery Co., Ltd.                   | No. 565, Changshengqiao Road, Small and Micro Enterprise Innovation Park, North Area of Modern Industrial Port, Pidu District, Chengdu City, Sichuan Province |
|                                 | Dongguan Fuwei Compressor Technology Co., Ltd.                 | Guyong Community Industrial Zone, Wanjiang District, Dongguan City                                                                                            |
|                                 | Marton Heavy Industries (Taicang) Co., Ltd.                    | No. 161, Longjiang Road, Liujiagang Town, Taicang City                                                                                                        |
|                                 | Ningbo Onik Automatic Door Co., Ltd.                           | 165 Chunyuan Road, Yinzhou District, Ningbo City                                                                                                              |
|                                 | Xinjiang Henghui Electromechanical Co., Ltd.                   | 167 Yinhe Street, Toutunhe District, Urumqi, Xinjiang                                                                                                         |
|                                 | American Otis Elevator (China) Co., Ltd.                       | Guangzhou Manufacturing Base                                                                                                                                  |
|                                 | Fangyuan Group Co., Ltd.                                       | Haiyang Road, Haiyang City, Yantai City                                                                                                                       |
|                                 | Xiangtan Chongde Technology Co., Ltd.                          | Shuangma Industrial Park, Yuetang District, Xiangtan City                                                                                                     |
|                                 | Changsha Guozhen Environmental Protection Technology Co., Ltd. | Evening Paper Avenue, Furong District, Changsha City                                                                                                          |
|                                 | Hunan Lingpai Machinery                                        | Environmental Protection Industrial Park, Yuhua District, Changsha City                                                                                       |
|                                 | Baoji Longhui Machinery Manufacturing Co., Ltd.                | Road 11, High-tech Development Zone, Baoji City, Shaanxi Province                                                                                             |
|                                 | Shaanxi Ruidebaer Investment Co., Ltd.                         | Room 3012, Unit 3, Building 5, Yating Garden, Fengcheng 6th Road, Economic Development Zone, Xi'an City, Shaanxi Province                                     |
|                                 | Shaanxi Handu Construction Engineering Co., Ltd.               | Room 1301, Unit 3, Building 1, Saigao International, Weiyang Road, Weiyang District, Xi'an City, Shaanxi Province                                             |
|                                 | Shaanxi Chint Cable Co., Ltd.                                  | No. 200, Wenxing Road, Science and Technology Industrial Park, Qindu District, Xianyang City, Shaanxi Province                                                |
|                                 | Shaanxi Fast Walker Gear Co., Ltd.                             | South Section of Yongle Town, Jinghe New City, Xixian New District, Shaanxi Province                                                                          |
|                                 | Changde Jinde Laser Technology Co., Ltd.                       | Deshan Economic and Technological Development Zone, Changde City                                                                                              |
|                                 | CRRC Electric Locomotive Company                               | Shifeng District, Zhuzhou City                                                                                                                                |
|                                 | Shanghai Su Shi Air Conditioning Engineering Co., Ltd.         | Outlets in Yuhua District, Changsha City                                                                                                                      |
|                                 | Liaoyuan Coal Machinery Factory                                | Dongyu Road, Xi'an District, Liaoyuan                                                                                                                         |
|                                 | Qingdao Gold Alloy CNC Sheet Metal Co., Ltd.                   | Shandong Qingdao Jiaozhou                                                                                                                                     |
| <b>Firefighting</b>             | Boan Fire Technology Co., Ltd.                                 | 1600 Wuhan Road, Changchun City                                                                                                                               |
| <b>International Trade</b>      | Dalian Xinglong International Trade Co., Ltd.                  | West Ring Road, Dalian Free Trade Zone                                                                                                                        |
| <b>Glass Manufacturing</b>      | Changyu Group Changyu Glass Co., Ltd.                          | No. 14, Zhuji Road, Zhifu District, Yantai City                                                                                                               |
| <b>Environmental Technology</b> | Huanshi Environmental Technology (Henan) Co., Ltd.             | 200 meters east of the livestock farm bridge in Huiji District, Zhengzhou City                                                                                |
| <b>Hygiene Products</b>         | Lufeng Machinery Taiwan Plant                                  | Fengshang Street, Zheda Road, Quliang Clothing City, Xinmi City, Zhengzhou City                                                                               |
|                                 | Henan Baibei Sanitary Products Co., Ltd.                       | Industrial Cluster Area, Zhengyang County, Henan Province                                                                                                     |
|                                 | Wuhan Chuandian Sanitary Products Co., Ltd.                    | Suhang Shuitian, Xiantao City                                                                                                                                 |
|                                 | Fujian Quanzhou Xihe Sanitary Ware Technology Co., Ltd.        | High-tech Park, Luncang Town, Nan'an City                                                                                                                     |