

ENF Solar Assessed Supplier

Assessment Report Presented to:

Chizhou Anan Aluminum Co., Ltd.
池州市安安新材料科技有限公司

Service Commissioned by:



Service Provided by:



September 2, 2022

Report Number: <<C159ENF20220801>>

Report Date: 29/Aug./2022

Expiry Date: 28/Aug./2024

Online Verification: <https://verified.chn.tuv.com>

Introduction

This report has been commissioned by ENF Solar – the world's most visited solar website. Inspections have been undertaken by TÜV Rheinland – a testing service provider who have been testing solar components since 1985. TÜV Rheinland is part of TÜV Rheinland Group, a technical services company established in 1872 and employing 17,000 staff around the world.

To make these reports, TÜV Rheinland sends inspectors directly to the factories to collect data, take pictures and check documents.

TÜV Rheinland's Disclaimer:

This report reflects our findings for the particular company in concern on the date of our service only. This report does not discharge or release the factory/sellers/suppliers from their commercial, legal or contractual obligations with buyers in respect of products provided by the factory/sellers/suppliers. Any reader other than the party for which this report has been specifically issued is hereby informed that the General Conditions of Service of TÜV Rheinland contain liability limitation provisions.

The objective of validating supplier information is to provide additional confidence to buyers so that they know the information has been verified by an independent third party.

The TÜV Rheinland "Supplier Capability Assessment" program is not designed to be a performance standard but rather an information validation program against an established criterion providing potential buyers with information on the establishments stated claims and capabilities.

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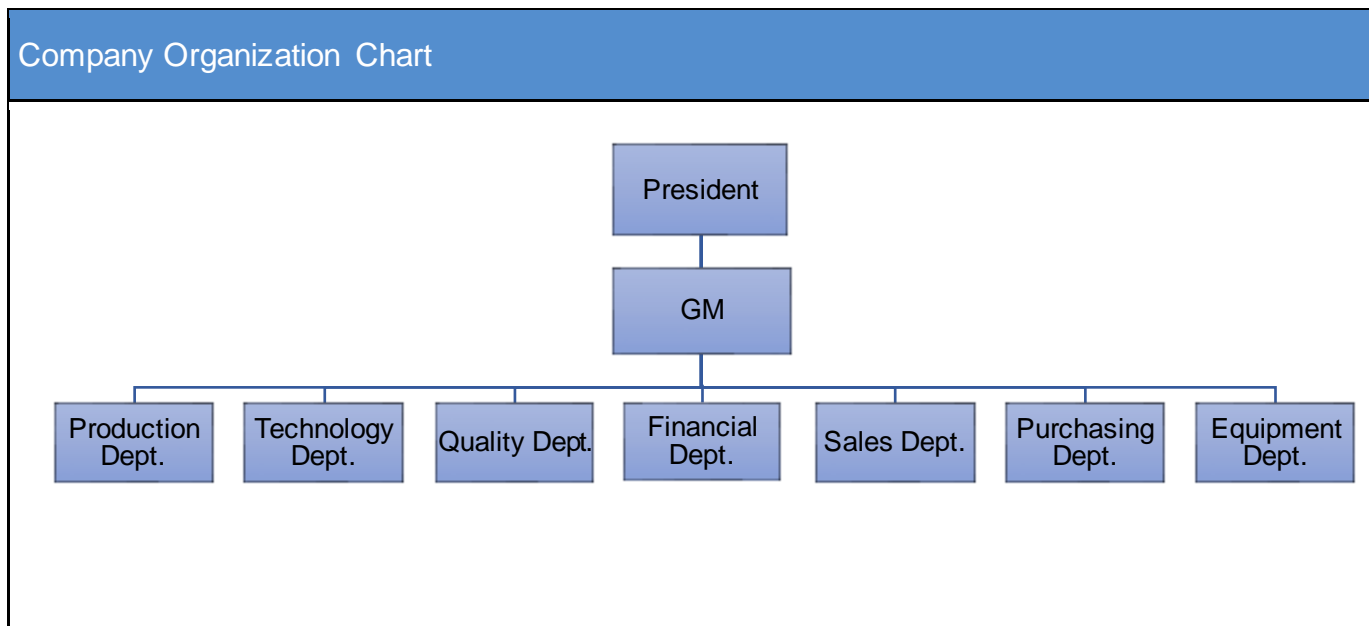
Company Overview

Identification	Details		
Company Name	Chizhou Anan Aluminum Co., Ltd.		
Facility address	Northwest of the Intersection of Yingbin Avenue and Xianyushan Road, An'an Industrial Park, Jiangnan Industrial Concentration Zone, Chizhou City, Anhui Province, China		
	Contact Person:	Mr. Ryan Liu	
	Tel:	0086-15056606170	
	Fax:	N/A	
	E-mail:	liuruian@anan-alu.com	
URL/Web Address	www.ananaluminum.com		
Report Date	29/Aug./2022		
Expiry Date (24 months validity)	28/Aug./2024		
Name of Assessor	Acaile Xu		
Overall Turnover of Last Year	USD 185,669,799		
Total Building Size	94,116 m ²		
Number of Buildings	5		
Office Size	3,000 m ²		
Working Day	Monday to Saturday	Working Hours	8:00 am to 5:00 pm

Legal Entity

Legal Entity			
Business License Number	91341700MA2NBFH94Q		
Year Established	18/Jan./2017	Validity Period:	18/Jan./2017 -- 31/Dec./2049
Registered Address	An'an Industrial Park, Jiangnan Industrial Concentration Zone, Chizhou City, Anhui Province, China		
Company Address	Northwest of the Intersection of Yingbin Avenue and Xianyushan Road, An'an Industrial Park, Jiangnan Industrial Concentration Zone, Chizhou City, Anhui Province, China		
Registered Capital	RMB 115,885,424		
Corporate Representative	Mr. Peifeng Liu		
Industry	Aluminum Profiles		
Products /Service	Frame		
Business Type	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Trading Company	<input checked="" type="checkbox"/> Combined
Type of Ownership	<input checked="" type="checkbox"/> Private Owner	<input type="checkbox"/> Public Company	<input type="checkbox"/> Joint Venture
	<input type="checkbox"/> Stated Owned	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other

Human Resources



Department Name	Full Time Employee(s)	Part-Time Employee(s)	Total
President	1	0	1
GM	1	0	1
Production Dept.	319	0	319
Technology Dept.	18	0	18
Quality Dept.	18	0	18
Financial Dept.	7	0	7
Sales Dept.	7	0	7
Purchasing Dept.	7	0	7
Equipment Dept.	12	0	12
Totals	390	0	390

Export Business Capacity

Current Export Situation																																							
There are 1 foreign trading employees in the company.																																							
<table border="1"> <thead> <tr> <th>Working Experience</th> <th>Headcount</th> </tr> </thead> <tbody> <tr> <td>Over 30 Years</td> <td>0</td> </tr> <tr> <td>21-30 Years</td> <td>0</td> </tr> <tr> <td>11-20 Years</td> <td>0</td> </tr> <tr> <td>6-10 Years</td> <td>0</td> </tr> <tr> <td>2-5 Years</td> <td>1</td> </tr> <tr> <td>Less than 2 years</td> <td>0</td> </tr> </tbody> </table>		Working Experience	Headcount	Over 30 Years	0	21-30 Years	0	11-20 Years	0	6-10 Years	0	2-5 Years	1	Less than 2 years	0	<table border="1"> <thead> <tr> <th>Accepted Language</th> <th>Listening & Speaking</th> <th>Reading & Writing</th> </tr> </thead> <tbody> <tr> <td>English</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>N/A</td> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table>			Accepted Language	Listening & Speaking	Reading & Writing	English	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Working Experience	Headcount																																						
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N/A	N/A	N/A																																					
N/A	N/A	N/A																																					
Does the company have a valid export license?		<input checked="" type="checkbox"/> Yes Export License Registration No.: 04454466		<input type="checkbox"/> No																																			
Trade Agents Employed Overseas		<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No																																			
Nearest Port		Shanghai Port, Ningbo Port																																					
Accepted Payment Terms		<input checked="" type="checkbox"/> FOB	<input checked="" type="checkbox"/> CIF	<input checked="" type="checkbox"/> EXW																																			
Accepted Payment Types		<input type="checkbox"/> L/C	<input checked="" type="checkbox"/> T/T	<input type="checkbox"/> Credit Card																																			
		<input type="checkbox"/> West Union	<input type="checkbox"/> Money Gram	<input type="checkbox"/> Paypal																																			
Average lead time from product order confirmation to production delivery (products exiting the company)		15 Days																																					

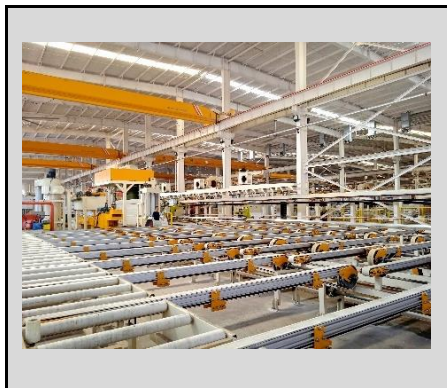
Market Distribution (Previous 12 Months)		
Market	Main Product(s)	Total Revenue (%)
North America	N/A	N/A
South America	N/A	N/A
Eastern Europe	N/A	N/A
Southeast Asia	Frame	1
Africa	N/A	N/A
Oceania	N/A	N/A
Middle East	N/A	N/A
Eastern Asia	N/A	N/A
Western Europe	N/A	N/A
Central America	N/A	N/A
Northern Europe	N/A	N/A
Southern Europe	N/A	N/A
South Asia	N/A	N/A
Domestic Market	Frame	99

Product Capabilities

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Frame	5,260,000 PCS Per Month	49,820,000 PCS

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
Extrusion Molding Production Line	Jingtai & 3000T/1100T/1000T/700T	15	Acceptable
Aging Furnace	Qichengda & YLK-18K/27K	6	Acceptable
Sanding Machine	Huamingde & HMD 4*4-8	6	Acceptable
Oxidation Production Line	Chuangwei	2	Acceptable
Automatic Photovoltaic Frame Production Line	Shengxin & FT-9-1	18	Acceptable
CNC Machining Center	PRATIC & PYB-CNC2500	48	Acceptable

Extrusion Molding Production Line



Aging Furnace



Sanding Machine





Key Testing Machinery			
Machine Name	Brand & Model No.	Quantity	Condition
Coordinate Measuring Machine	CROMA & 10308	1	Acceptable
Spectrometer	METEK	1	Acceptable
Universal Testing Machine	Qiantong & QT-6060D	2	Acceptable
Image Measuring Instrument	KSY & MV5030-CNC	2	Acceptable
Hardness Tester	Laishi & HBRVS-187.5	1	Acceptable
Metallographic Tester	Wance & MTF-2000	1	Acceptable

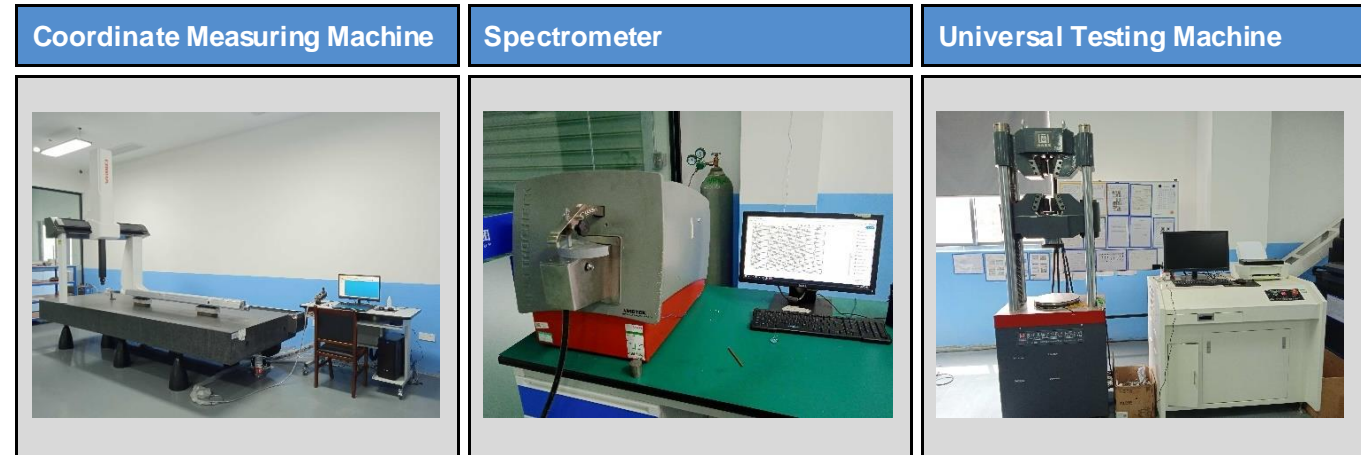


Image Measuring Instrument



Hardness Tester

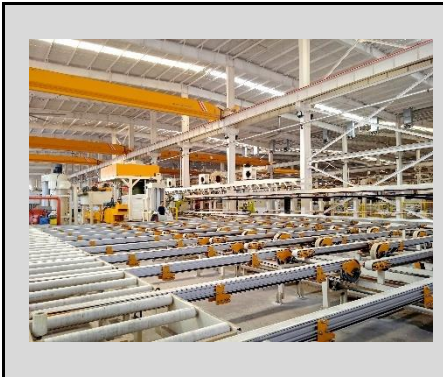


Metallographic Tester



Production Flow (Frame)

Aluminum Profile Extrusion Molding



Aluminum Profile Aging



Aluminum Profile Sanding



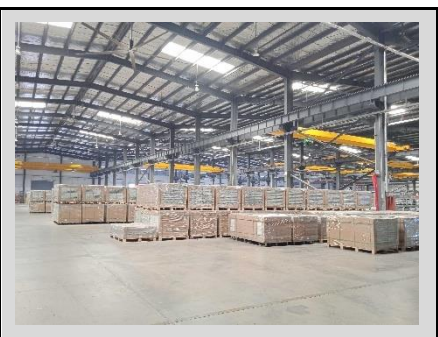
Surface Oxidation of Aluminum Profile



Frame Forming



Final Products



R & D Capacity

Current Situation			
There are 18 R&D engineers in the company.			
Education Level	Headcount	Work Experience	Headcount
Doctorate	0	Over 30 Years	0
Post-Graduate	0	21-30 Years	0
Graduate	8	11-20 Years	5
Junior College	10	6-10 Years	10
Technical School	0	2-5 Years	3
High School	0	Less than 2 years	0

Brand Situation				
Registration/application No.	Brand Name	For Approval to Use Goods	Validity Date	Ref.
35229734	Refer to the Photo	Class 7	07/Jan./2020 -- 06/Jan./2030	Photo in Certification & Photos
35957301	Refer to the Photo	Class 6	28/Dec./2019 -- 27/Dec./2029	Photo in Certification & Photos
35939768	Refer to the Photo	Class 6	28/Dec./2019 -- 27/Dec./2029	Photo in Certification & Photos

Patent Situation				
Patent No.	The Name of the Patent	The Patent Type	Available Date	Ref.
ZL 2020 1 0627530.4	A splicing aluminum alloy frame for balcony with fixed self-locking mechanism	Invention patent	25/Feb./2022	Photo in Certification & Photos
ZL 2020 1 0726291.8	An L-shaped edge banding aluminum profile	Invention patent	18/Feb./2022	Photo in Certification & Photos
ZL 2018 1 0653443.9	Aluminum alloy based composite wire and its manufacturing method	Invention patent	14/Aug./2020	Photo in Certification & Photos

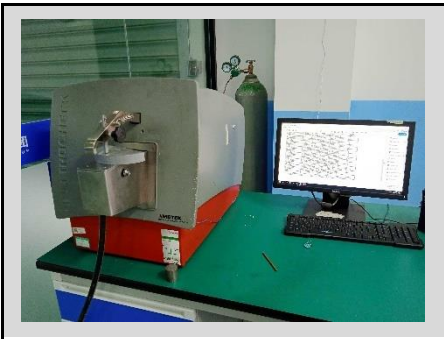
ZL 2021 2 0759903.3	A new type of room temperature stress cycling strengthening equipment for aluminum alloy	The patent for utility model	12/Nov./2021	Photo in Certification & Photos
Does the company provide OEM/ODM service for others?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there relevant design input/output, review, and verification documents available for the assessed company?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Based on inspection, are R&D employees equipped with adequate specialized equipment?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Do R&D employees use any specific software for designing new products?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Development Devices

Coordinate Measuring Machine



Spectrometer



Universal Testing Machine



Management Systems & Quality Control Management

Quality Management System Certification				
Certification	Certified By	Certificate No.	Business Scope	Expiry Date
IATF16949:2016	NSF International Strategic Registrations	CNIATF044474	Production of Aluminum Profile	23/Dec./2020 -- 22/Dec./2023
ISO14001:2015	Hangzhou WIT Assessment Co., Ltd.	15/21E1688R00	Environmental Management in Aluminum Profile Manufacturing	13/Dec./2021 -- 12/Dec./2024
ISO45001:2018	Hangzhou WIT Assessment Co., Ltd.	15/21S1689R00	Occupational Health and Safety Management in Aluminum Profile Manufacturing	13/Dec./2021 -- 12/Dec./2024

Product Certification				
Certification	Certified By	Certificate No.	Product Name & Model No.	Expiry Date
N/A	N/A	N/A	N/A	N/A

Test Report			
Test Report	Certified By	Product Name & Model No.	Expiry Date
N/A	N/A	N/A	N/A

Quality Control Management		
Content	Observations / Comments	
Does the company set up any inspection standards for raw materials?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Has the company set up necessary quality inspection standards in the process of production?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company have any measures to control the management of unqualified materials after sampling, to avoid mixing up or wasting?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Are work instructions available at the location where the processes take place?	<input checked="" type="checkbox"/> Total line	<input type="checkbox"/> Parts of the line	<input type="checkbox"/> No
Is personal protective equipment (PPE) needed in the production line?	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No
Is the management and usage of production materials as well as the production process executed by staff who are appropriately trained and qualified or by senior staff?	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No

Supplier Management

Content	Observations/ Comments			
Does the company have a supplier assessment procedure?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No
Does the company establish and implement a standard procedure for purchasing contract review and approval?	<input checked="" type="checkbox"/> Yes, with written standard procedures	<input type="checkbox"/> Yes, with written procedure but lack of consistent standard		<input type="checkbox"/> No
Does the company keep its supplier assessment reports?	<input checked="" type="checkbox"/> Yes, Keep for <u>2</u> years available			<input type="checkbox"/> No
Are the company's purchasing documents sufficient to ensure product safety control and their customers' requirements?	<input checked="" type="checkbox"/> Yes, the purchasing document includes all the information required	<input type="checkbox"/> Yes, however the purchasing document includes incomplete information		<input type="checkbox"/> No
Is there a procedure to conduct random product inspections after final packaging?	<input checked="" type="checkbox"/> Yes, with clear standard and written inspection records	<input type="checkbox"/> Yes, with inspection records but no procedures	<input type="checkbox"/> Yes, with procedures but no inspection records	<input type="checkbox"/> No, inspections are not necessary

After Sales Service

Content	Observations/ Comments
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<p>Has the company set up any procedure for customer feedback, including complaints, clearly recorded and maintained?</p>	<input checked="" type="checkbox"/> Yes, with a standard feedback form and records	<input type="checkbox"/> Yes, with a standard feedback form but no records	<input type="checkbox"/> Yes, with records but no standard feedback form	<input type="checkbox"/> No
<p>Are there any clear procedures for handling customer complaints?</p>	<input checked="" type="checkbox"/> Yes, with clear procedures and written records	<input type="checkbox"/> Yes, with clear procedures but no written records	<input type="checkbox"/> Yes, with written records but no clear procedures	<input type="checkbox"/> No
<p>Does the company have the SOP (Standard Operation Procedure) for after-sales service? Does the company provide after-sales consulting services?</p>	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No
<p>Does the company implement the provisions of the National Three Warrantees (warranty for repair/replacement /return) for their products?</p>	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No

Corporate Social Responsibility

Child Labour & Forced Labor		
Content	Observations / Comments	
Is it clarified that there's no child labor in the company?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company have an explicit job management program, and take corresponding measures to check the age of the employees?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are the staff clearly aware of the terms of labour contract, regulations of the company and the right of free employment?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the staff been forced to work overtime? Will they be fined or fired if they refuse to?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Health and Safety		
Content	Observations / Comments	
Has the company set up a safety responsibility system, and distributed to all levels of supervisor and provided them with corresponding training?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company conduct regular inspection of the plant and equipment, to ensure the health and safety of the workshop at least in accordance with the law?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company regularly provide necessary safety and health training, to make the staff understand that there might be occupational hazards in their work, and take appropriate protective measures when necessary? (For example, how to use personal protective equipment safely, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company hold regular fire drills, including fire drills and evacuation drills? Do the staff clearly know how to raise an alarm, how to evacuate and how to use the fire extinguisher?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No (No regular fire drill was conducted by the factory in 2022)
Does the company have the approval report issued by the local Fire Bureau?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company provide sufficient first aid equipment? Are first-aid kits and trained first-aiders available in each workplace?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No (No qualified first aider available in workshop)

Does the company provide clean lavatories, separating men's and ladies'?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company provide clean drinking water to the staff? Is there unrestricted access to the drinking water?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Development / Expansion Plans

Company Development / Expansion Plans	
Company Development Action	Timeframe
The company is going to be a public company.	2 Years

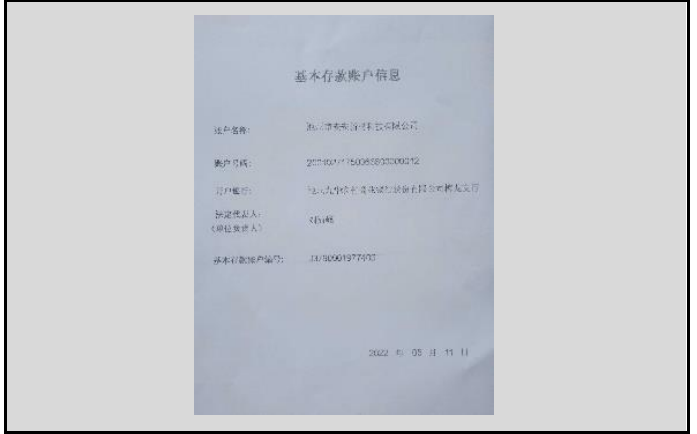
Certification & Photos

Certification

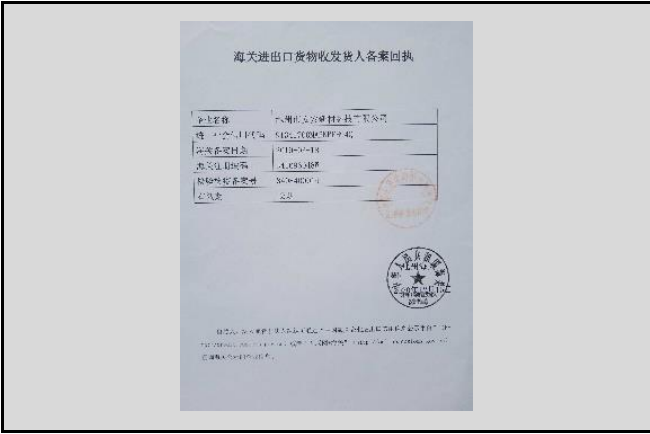
Certificate Photo -- Business License



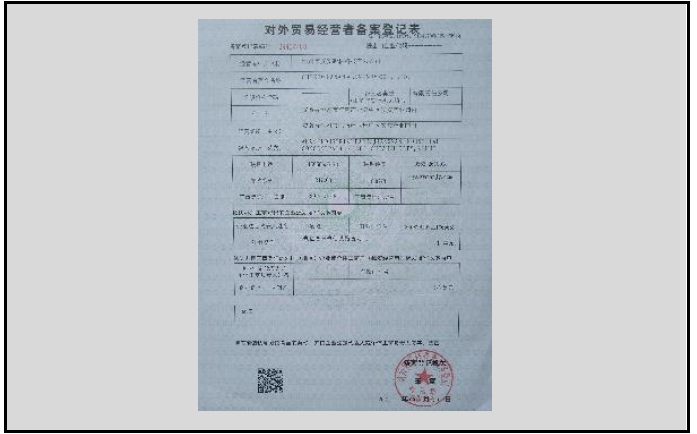
Certificate Photo -- Permit for Opening Bank Account



Certificate Photo -- Customs Clearance Registration Form



Certificate Photo -- Import and Export Enterprise Registration



Certificate Photo -- Trademark 1



Certificate Photo -- Trademark 2



Certificate Photo -- Trademark 3



Certificate Photo -- IATF16949:2016



Certificate Photo -- ISO14001:2015



Certificate Photo -- ISO45001:2015



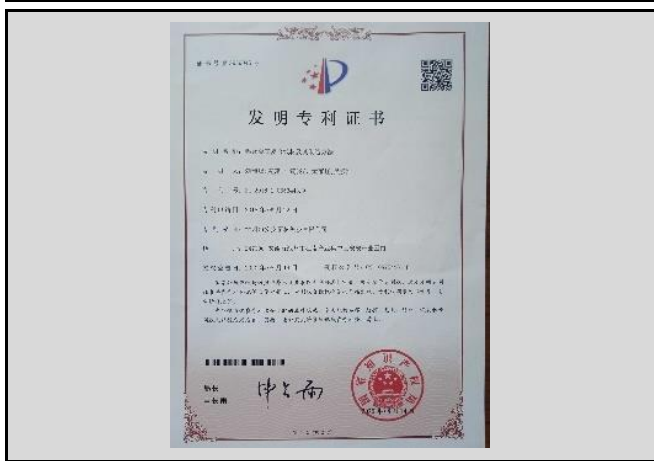
Certificate Photo -- Patent 1



Certificate Photo -- Patent 2



Certificate Photo -- Patent 3



Certificate Photo -- Patent 4



Company Gate



Office Building



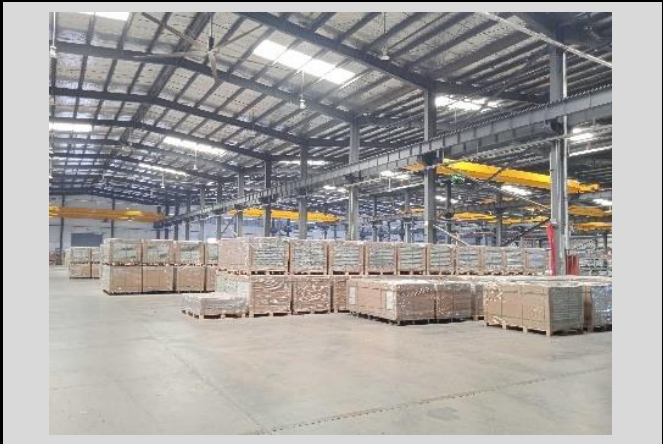
Workshop



Workshop



Warehouse



Warehouse



Product Photo



Product Photo



Product Photo



Product Photo



-- The END --