



ENF Solar Assessed Supplier

Assessment Report Presented to:

Xiamen Huge Energy Technology Co., Ltd. 厦门友巨新能源科技有限公司

Service Commissioned by:



Service Provided by:

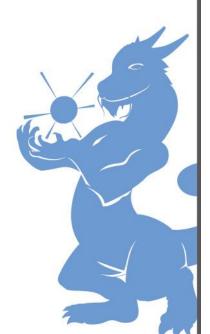


September 21, 2018

Report Number: <<C159ENF20180902>>

Report Date: 19/Sep./2018 Expiry Date: 18/Sep./2020

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 that 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.

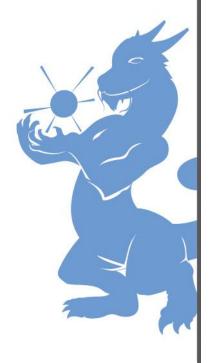
ENF's Disclaimer:

The information provided in this report is free of charge and for informational purposes only and does not create a business or professional services relationship between you and ENF. No judgment or warranty is made with respect to the products and services offered by the company profiled here and ENF takes no responsibility for such products or services. Any use you make of the information provided in this report is at your own risk.

This report and its contents are provided "as is" and ENF makes no representation or warranty of any kind with respect to this report. ENF expressly disclaims all express and implied warranties including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event will ENF be liable to any party for any direct, indirect, incidental, special, exemplary, consequential, or other damages (including, but not limited to, lost profits, business interruption, loss of programs or data) without regard to the form of action and whether in contract, tort, negligence, strict liability, or otherwise, arising out of or in connection with this report, any content on or accessed through this report or any site service linked to, or any copying, displaying, or use thereof.

Audit Overview

Company Overview	4
Legal Entity	5
Human Resources	5
Export Business Capacity	6
Product Capabilities	8
R & D Capacity	10
Management Systems & Quality Control Management	11
Corporate Social Responsibility	14
Development / Expansion Plans	15
Certification & Photos	15





Company Overview

Identification	Details			
Company Name	Xiamen Huge Energy Technology Co., Ltd.			
	Area A of Second Floor and Area B of First Floor, No. 6, Songlin Road, Guankou Town, Jimei District, Xiamen City, Fujian Province, China			
	Contact Person :	Ms. Bella Zhang		
Facility address	Tel:	0086	6-592-5825838	
	Fax:	008	6-592-5631973	
	E-mail: sales@hugergy.com			
URL/Web Address	http://www.hugergy.com/			
Report Date	19/Sep./2018			
Expiry Date (24 months validity)	18/Sep./2020			
Name of Assessor	Mr. Siqi Gao			
Overall Turnover of Last Year	Confidential			
Total Building Size	4,110 Square Meters			
Number of Buildings	1			
Office Size	600 Square Meters			
Working Day	Monday to Friday Working Hours 08:00 12:00 13:00 17:00			

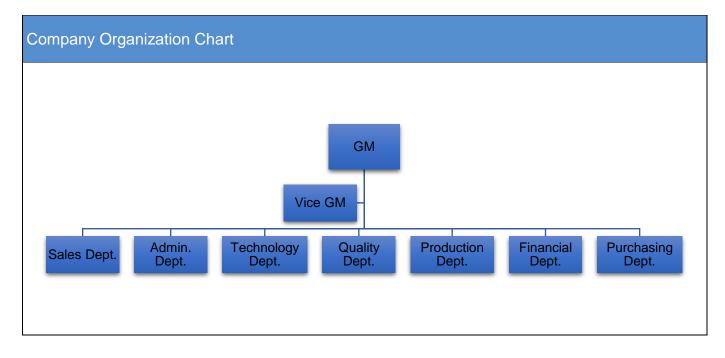




Legal Entity

Legal Entity				
Business License Number	91350211065852714Y			
Year Established	07/Apr./2013 Validity Period: 07/Apr./2013- 06/Apr./2033			
Registered Address		Area A of Second Floor, No. 6, Songlin Road, Guankou Town, Jimei District, Xiamen City, Fujian Province, China		
Company Address	Area A of Second Floor and Area B of First Floor, No. 6, Songlin Road, Guankou Town, Jimei District, Xiamen City, Fujian Province, China			
Registered Capital	RMB 20,000,000			
Corporate Representative	Mr. Hongze Lai			
Industry	Solar Energy Product			
Products /Service	Solar Mounting System			
Business Type	☐ Manufacturer ☐ Trading Company ☐ Combined			□ Combined
Type of Ownership	□ Private Owner	☐ Pu	ublic Company	☐ Joint Venture
Type of Ownership	Stated Owned	☐ Sc	ole Proprietorship	Other

Human Resources







Department Name	Full Time Employee(s)	Part-Time Employee(s)	Total
GM	1	0	1
Vice GM	2	0	2
Sales Dept.	11	0	11
Admin. Dept.	2	0	2
Technology Dept.	5	0	5
Quality Dept.	5	0	5
Production Dept.	30	0	30
Financial Dept.	3	0	3
Purchasing Dept.	3	0	3
Totals	62	0	62

Export Business Capacity

Current Export Situation

There are 8 foreign trading employees in the company.

Working Experience	Headcount
Over 30 Years	0
21-30Years	0
11-20 Years	0
6-10 Years	4
2-5 Years	3
Less than 2 years	1

Accepted Language	Listening & Speaking	Reading & Writing
English	Yes	Yes
Japanese	Yes	Yes
N/A	N/A	N/A

	∀es Export License Registration No.: 02900081	□ No
Trade Agents Employed Overseas	☐ Yes	⊠ No



ASSESSMENT REPORT PRESENTED TO << Xiamen Huge Energy Technology Co., Ltd.>>

Nearest Port	Xiamen Port			
Accepted Payment Terms	⊠ FОВ	⊠ CIF	⊠ EXW	⊠ CFR
Accepted Desiment Times	⊠ L/C		Credit	⊠ Cash
Accepted Payment Types	⊠ West Union	☐ Money Gram	☐ Paypal	☐ Money booker
Average lead time from product order confirmation to production delivery (products exiting the company)	7 Days			

Market Distribution (Previous 12 Months) Market Main Product(s) **Total Revenue (%)** North America Solar Mounting System 1 South America Solar Mounting System 1 1 Solar Mounting System Eastern Europe Southeast Asia Solar Mounting System 2 Africa 1 Solar Mounting System Oceania Solar Mounting System 1 Middle East Solar Mounting System 1 Eastern Asia 85 Solar Mounting System 1 Western Europe Solar Mounting System Central America Solar Mounting System 1 Northern Europe Solar Mounting System 1 1 Southern Europe Solar Mounting System South Asia Solar Mounting System 1 2 **Domestic Market** Solar Mounting System



Product Capabilities

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Solar Mounting System	30 MW Per Month	Confidential

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
Punching Machine	C1N-25, J23-16B, JB-63T	9	Good
Bench Drilling Machine	Z4112	6	Good
Tapping Machine	S4016, S4116	2	Good
Automatic Tapping Machine	No Information	1	Good
Aluminum Type Circular Saw Machine	YJ455Q	3	Good

Punching Machine



Bench Drilling Machine



Tapping Machine



Automatic Tapping Machine



Aluminum Type Circular Saw Machine



N/A

N/A





Key Testing Machinery			
Machine Name	Brand & Model No.	Quantity	Condition
Push Testing Machine	No Information	1	Good
Tension Testing Machine	No Information	1	Good
Destructive Testing Machine	No Information	1	Good

Push Testing Machine



Tension Test Machine



Destructive Testing Machine



Production Flow (Solar Mounting System)

Raw Material



Cutting



Punching



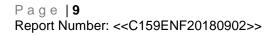
Drilling



Polishing











Assembling Packing Assembling



N/A

N/A

R & D Capacity

Current Situation

There are 5 R&D engineers in the company.

Education Level	Headcount
Doctorate	0
Post-Graduate	0
Graduate	1
Junior College	3
Technical School	1
High School	0

Work Experience	Headcount
Over 30 Years	0
21-30 Years	0
11-20 Years	0
6-10 Years	4
2-5 Years	0
Less than 2 years	1

Brand Situation				
Registration/application No.	Brand Name	For Approval to Use Goods	Validity Date	Ref.
N/A	N/A	N/A	N/A	N/A

Patent Situation						
Patent No.	The Name of the Patent	The Patent Type	Available Date	Ref.		
ZL 2017 2 0580327.X	A kind of braced structure for photovoltaic bracket	The patent for utility model	11/May/2018	Refer to Photo		
ZL 2017 2 0331816.1	A kind of triangular support structure capable of adjusting photovoltaic components	The patent for utility model	05/Dec./2017	Refer to Photo		



ZL 2017 2 0331090.1	A kind of fast loading mechanism for photovoltaic bracket lock	The patent for utility model	05/Dec./2017	Refer to Photo
Does the company provide OEM/ODM service for others?			⊠ Yes	□ No
Are there relevant design input/output, review, and verification documents available for the assessed company?		⊠ Yes	□ No	
Based on inspection, are R&D employees equipped with adequate specialized equipment?		⊠ Yes	□ No	
Do R&D employees use an products?	y specific software for d	esigning new	⊠ Yes	□No

Development Devices

Push Testing Machine



Tension Test Machine



Torsion Testing Machine



Management Systems & Quality Control Management

Quality Management System Certification						
Certification	Certified By	Certificate No.	Business Scope	Expiry Date		
ISO9001:2015	TUV SUD	TUV100043521	Design and manufacturing of metal solar stents	12/Jun./2018 10/Jul./2019		

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
Test Report	SGS	Screws & XMIN1808005358ML	09/Aug./2018 Long Term
Test Report	SGS	Screws & XMIN1808005364ML	09/Aug./2018 Long Term

Quality Control Management					
Content	Obs	ervations / Comm	ents		
Does the company set up any inspection standards for raw materials?	⊠ Yes		□ No		
Has the company set up necessary quality inspection standards in the process of production?	⊠ Yes		□No		
Does the company have any measures to control the management of unqualified materials after sampling, to avoid mixing up or wasting?	⊠ Yes		□No		
Are work instructions available at the location where the processes take place?	☐ Total line	☐ Parts of the line	☐ No		
Is personal protective equipment (PPE) needed in the production line?	⊠ Yes		□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?	⊠ Yes		□No		

Supplier Management				
Content		Observations	s / Comments	
Does the company have a supplier assessment procedure?	⊠ Yes			□ No
Does the company establish and implement a standard procedure for purchasing contract review and approval?	Yes, with written standard procedures	Yes, with written procedure but lack of consistent standard		□ No

ASSESSMENT REPORT PRESENTED TO << Xiamen Huge Energy Technology Co., Ltd.>>

Does the company keep its supplier assessment reports?	Yes, Keep for 3_years available			□No
Are the company's purchasing documents sufficient to ensure product safety control and their customers' requirements?	Yes, the purchasing document includes all the information required	Yes, however the purchasing document includes incomplete information		□ No
Is there a procedure to conduct random product inspections after final packaging?	Yes, with clear standard and written inspection records	Yes, with inspection records but no procedures	Yes, with procedures but no inspection records	☐ No, inspections are not necessary
After Sales Service				
Antor Guido Corvido				
Content		Observations	s / Comments	
	Yes, with a standard feedback form and records	Observations Yes, with a standard feedback form but no records	Yes, with records but no standard feedback form	□ No
Content Has the company set up any procedure for customer feedback, including complaints, clearly	standard feedback form	Yes, with a standard feedback form	Yes, with records but no standard	
Content Has the company set up any procedure for customer feedback, including complaints, clearly recorded and maintained? Are there any clear procedures for handling	standard feedback form and records Yes, with clear procedures and written	Yes, with a standard feedback form but no records Yes, with clear procedures but no written	Yes, with records but no standard feedback form Yes, with written records but no clear	

Corporate Social Responsibility

Child Labour & Forced Labor					
Content	Observations	s / Comments			
Is it clarified that there's no child labor in the company?	⊠ Yes	□ No			
Does the company have an explicit job management program, and take corresponding measures to check the age of the employees?	⊠ Yes	□ No			
Are the staff clearly aware of the terms of labour contract, regulations of the company and the right of free employment?	⊠ Yes	□ No			
Have the staff been forced to work overtime? Will they be fined or fired if they refuse to?	☐ Yes	⊠ No			
Health and Safety					
Content	Observations	s / Comments			
Has the company set up a safety responsibility system, and distributed to all levels of supervisor and provided them with corresponding training?	⊠ Yes	□ 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?	⊠ Yes	□ 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.)	⊠ Yes	□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?	⊠ Yes	□ No			
Does the company have the approval report issued by the local Fire Bureau?	☐ Yes	No(Company not have the approval report issued by the local Fire Bureau, but landlord can provide)			
Does the company provide sufficient first aid equipment? Are first-aid kits and trained first-aiders available in each workplace?	⊠ Yes	□ No			

Does the company provide clean lavatories, separating men's and ladies'?	⊠ Yes	□No
Does the company provide clean drinking water to the staff? Is there unrestricted access to the drinking water?	⊠ Yes	□ No

Development / Expansion Plans

Company Development / Expansion Plans	
Company Development Action	Timeframe
As a professional solar mounting system company, Huge Energy will strengthen traditional markets and develop new markets to increase our market share. We will set up branches in Japan, Australia and Southeast Asia, are devoted to supplying the safe, reliable products and services to all over the world.	2 Years

Certification & Photos

Certification

Tax Registration Certificate







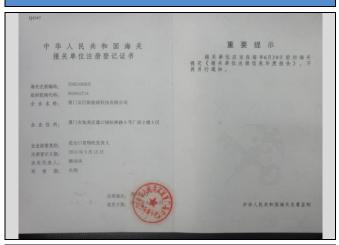
Permit for Opening Bank Account



Organization Code Certificate



Certificate Photo -- Custom Clearance Registration



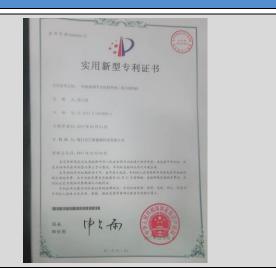
Certification & Photos -- Import and Export **Enterprise Registration**



Certificate Photo -- Patent 1



Certificate Photo -- Patent 2



Certificate Photo -- Patent 3



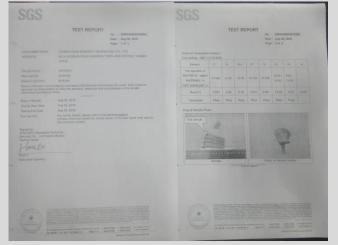




Certificate Photo -- Honor

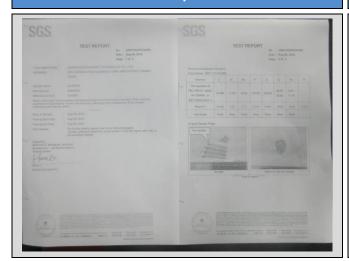
Certificate Photo – Test Report 1





Certificate Photo - Test Report 2

Company Gate







Office



Workshop



Warehouse



Product Photo



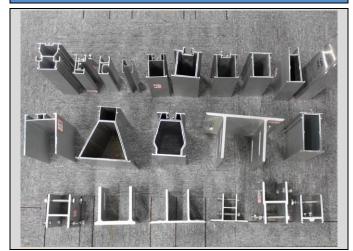
Product Photo



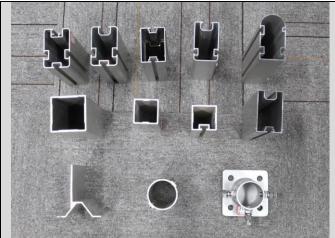
Product Photo



Product Photo



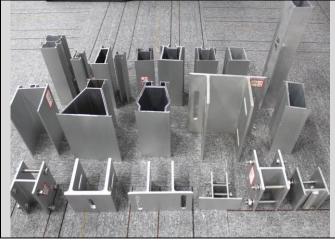
Product Photo



Product Photo



Product Photo



-- The END --