

Renhui 仁汇

The backbone of global PV industry

全 球 光 伏 行 业 的 支 架 力 量



Real Estate Section

“TuanBo Lake” Brand- 51 Sq.Km
- Best for Tourism and Travel
- International relax expo Park
- villa and courtyard group

Renai Haojing International Build

Renai Villa

Steel Section

- industry group
Annual output value 9 billion RMB
-With 2 Steel factory,
Capacity is 3 million ton per year
-3 steel logistics trading company
deal 500,000 ton steel products yearly

**Ren Ai
Group**

Education Section

Tianjin Renai University-

1 billion investment

Above 10,000 students

Tianai Study-Abroad Centre

Investment Section

Active investment in Mining industry,
Renewable Energy, IT etc.
Cooperate with excellent PE and VC funds

Tianjin Renhui New Energy Co., Ltd was founded in 2014 with location in one of biggest sea port Tianjin. Company specializes in development, manufacturing and sales of various solar mounting structure.

The product portfolio consists of grounded and roof-top MMS. Renhui focuses on complete production line and outstanding QC system. In-house steel coils production, 25 sets structure line and 2 galvanizing lines with compliance EU standard.

Annual capacity reaches to 3.6 GW. In 2017, Renhui contributed 2.8 GW worldwide shipment.



Company Qualification

Renhui

Quality plays key role

质量管理体系认证证书

注册号: 016ZB15Q22561R0M
组织机构代码: 30065864-8

兹证明

天津仁汇新能源科技有限公司

质量管理体系符合
GB/T19001-2008/ISO9001:2008标准
该组织质量管理体系适用于

光伏支架的设计更改、生产及销售

注册地址: 天津市静海县大邱庄镇恒泰路5号
经营地址: 天津市静海县大邱庄镇恒泰路5号

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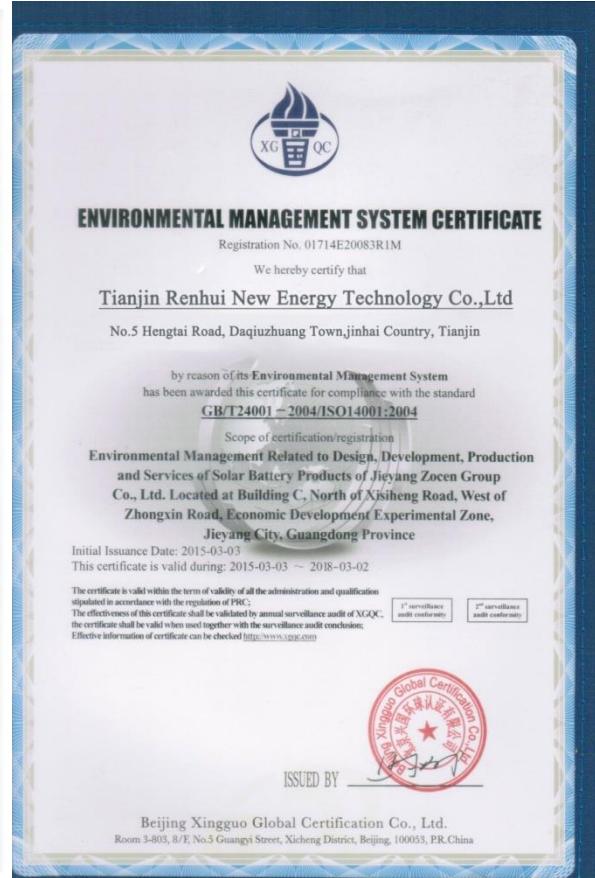


北京新世纪检验认证有限公司
总经理:

本公司质量管理体系符合GB/T19001-2008/ISO9001:2008标准
本证书通过定期监督审核保持, 与年度监督审核结论通知书一并使用有效
证书有效状态查询网站: www.bccx.com.cn 二维码查询平台: www.bccx.com.cn
本证书信息可在国家认监委网站: www.cnca.gov.cn 查询
本证书在2018年9月14日之前完成依据新版标准的转换工作
并换发证书方可持续保持。



中国认可
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MANAGEMENT SYSTEM
CNAS C016-M

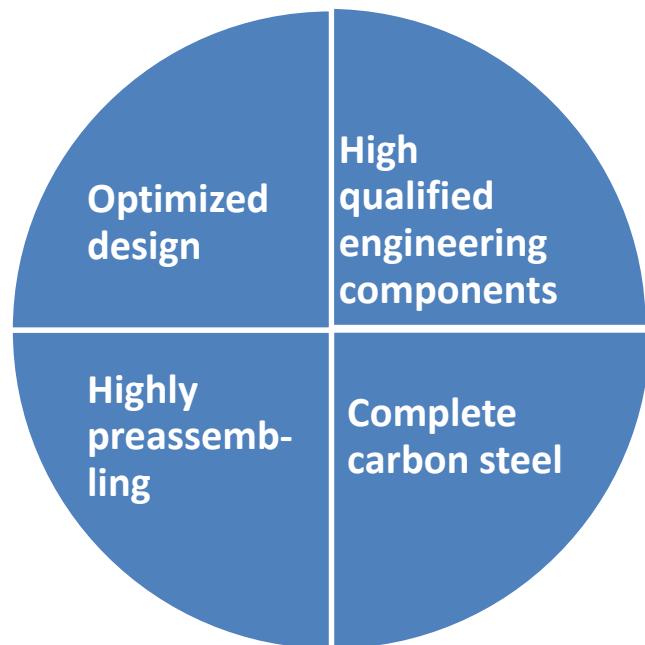


Product Portfolio

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Grounded Structure

RH-G1 grounded structure design applies carbon steel and ensures long life time in severe outdoors environment. Professional optimization of structure design realizes cost-down and high-efficient construction on-site



Product Portfolio

Renhui

Grounded Structure

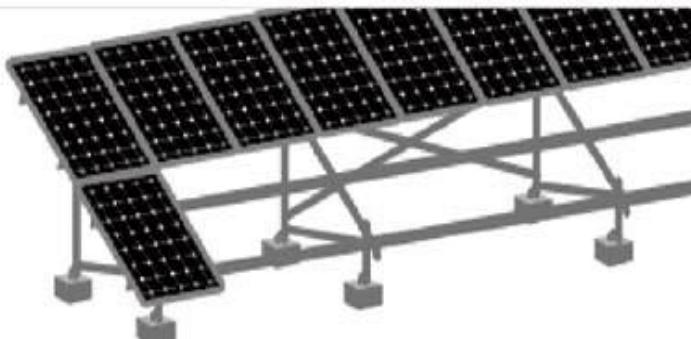
Cement Pile

- application where soil is stone rocked for stabile construction

Spiral Pile

- application where is strong winding or snowing
- lower cost, easy/quick installation, shorter construction period

- material:Q235B/Q345B
- surface : HDG
- loading : 36M/S, 0.6KN/M2
- angle : 5-40 degree
- installation : single/double row
- lifetime: 25 years



Product Portfolio

Renhui

Design Diversity



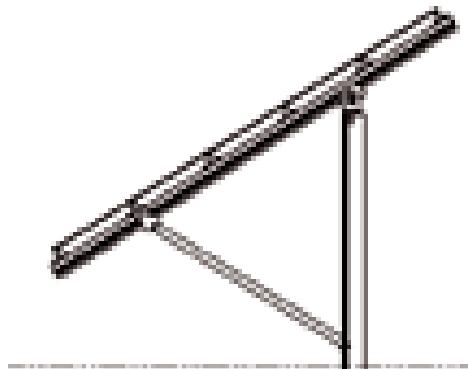
2 modules
-vertical installation



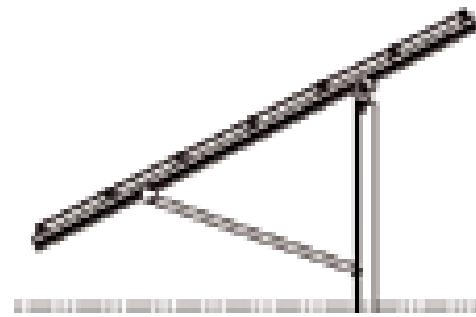
3 modules
-horizontal installation



4 modules
-vertical installation



5 modules
-horizontal installation



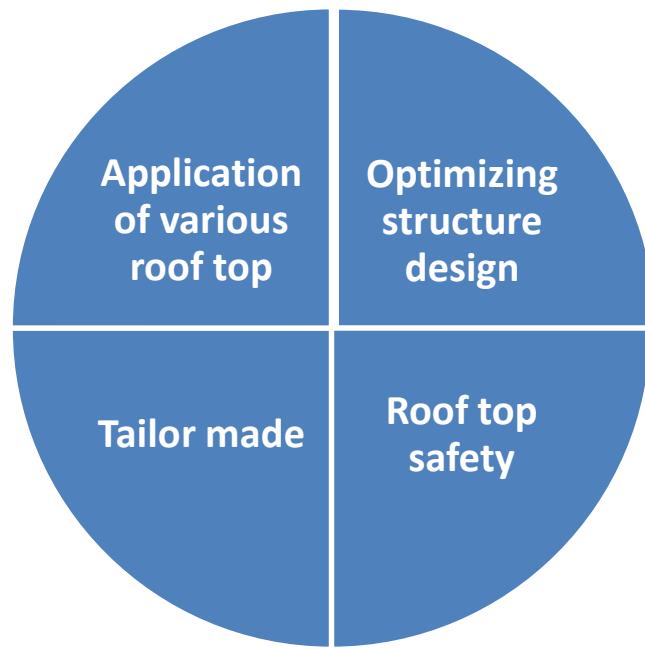
6 modules
-horizontal installation

Product Portfolio

Renhui

Roof-top Structure

RH-R1 roof-top structure is tailor-made design based on various roof top. The structure is calculated with optimal match between roof top and mounting structure.



Product Portfolio

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Rooftop structure system

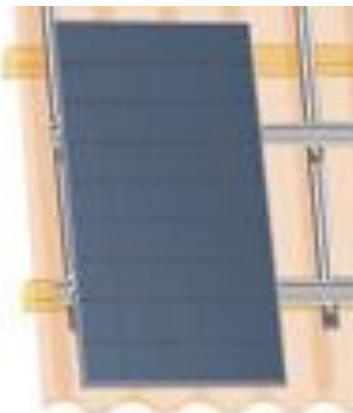
Flat Roof System

- application concrete flat rooftop, ensure the rooftop waterproof.
- easy/quick installation

Tile Roof System

- application tile rooftop
- ingenious hook design can link the rooftop purlin and solar panel
- without any damage for rooftop
- easy/quick installation

- Material :Q235B/Q345B
- Surface : HDG/Anodizing
- Loading : 36M/S, 32M/S
0.8KN/M2
- Angle : 5-40 degree
- Guarantee : 25 years



Steel Coils

- Long term relationship with Tier 1 supplier in China for ingots



Hot strip mill equipment

- 10 flat roll processes ensure the tolerance of thickness $\pm 0.05\text{mm}$;
- 4 vertical roll processes the tolerance of wide $\pm 0.1\text{mm}$.
- Annual capacity 1 million MT with wide range of 200-5230 mm, thickness range of 1.0-7.5mm.



Facility

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Rolling & Punching

25 sets of MMS equipments with advanced post-punching process ensure accuracy of section C/U/Z/H less than $\pm 0.5\text{mm}$ and hole position $\pm 0.3\text{mm}$.



Galvanizing line

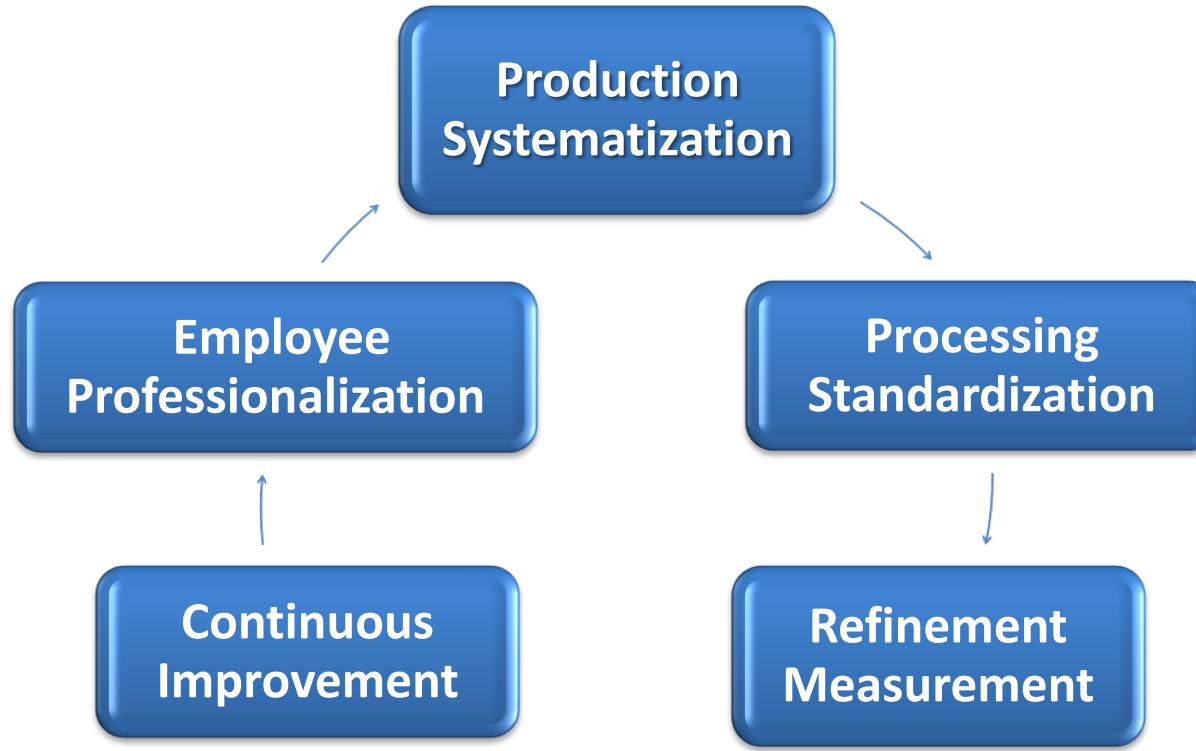
- Advanced German technology with environment protection
- 2 galvanizing lines with 11 m length and 7 m width
- Annual capacity 240 thousand MT ensure prompt delivery time



Quality Control

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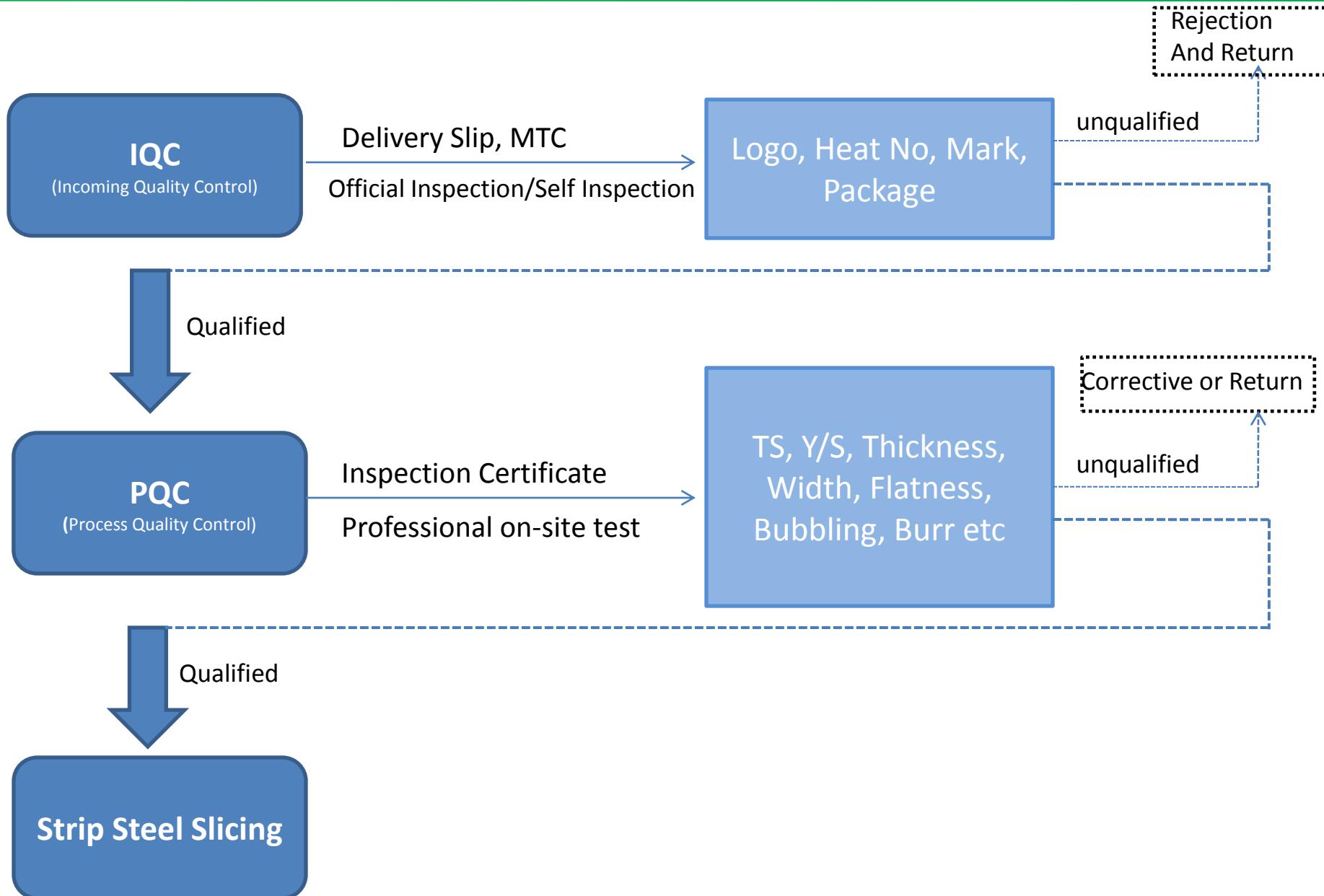
Quality is basement, product is key competence in market!



Key components for high qualified MMS

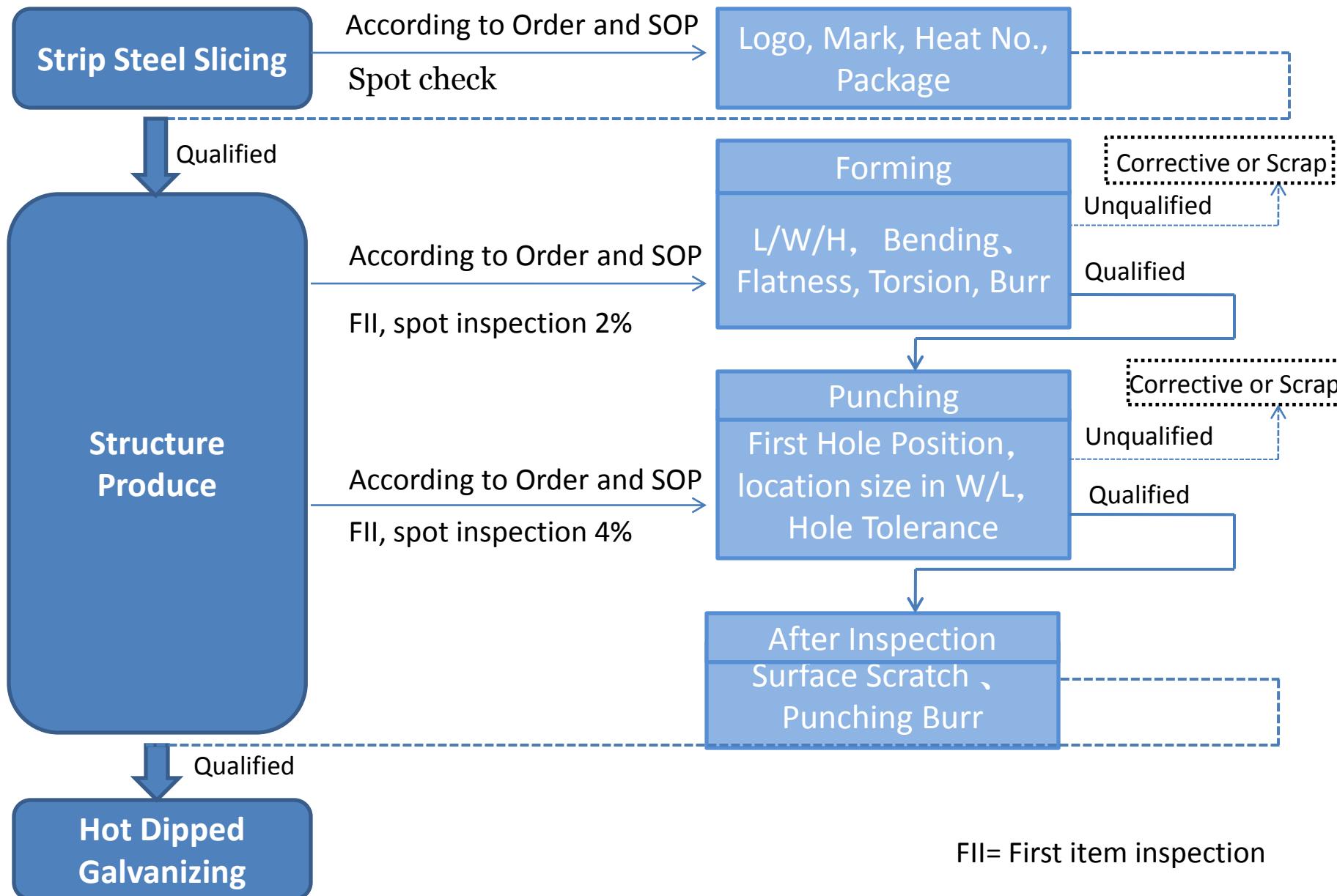
QC flow

Renhui



QC flow

Renhui



QC flow

Renhui



Galvanizing SOP
and Order Require.

Full Inspection

Galvanizing SOP

Full Inspection

Galvanizing SOP

Full Inspection

CNC 、 Galvanizing SOP

Full Inspection

Order Require.

Full Inspection

IQC

Surface
Dirty/craze/Damage/Rust,
Hole Position

Hang Series Operation

Size/Weight,
Uniformity/Consistency,
Fastness

Degrease、 Pickiling、
Pre-Galvanizing

Galvanizing

Zinc liquid ratio/Degree,
zinc dipping/sweeping,
Outgoing/Cooling and
Passivation

After Inspection

Size、 Zinc Thickness、 Zinc
Leakage/Zinc Drops/,
Burr

Corrective or Scrap

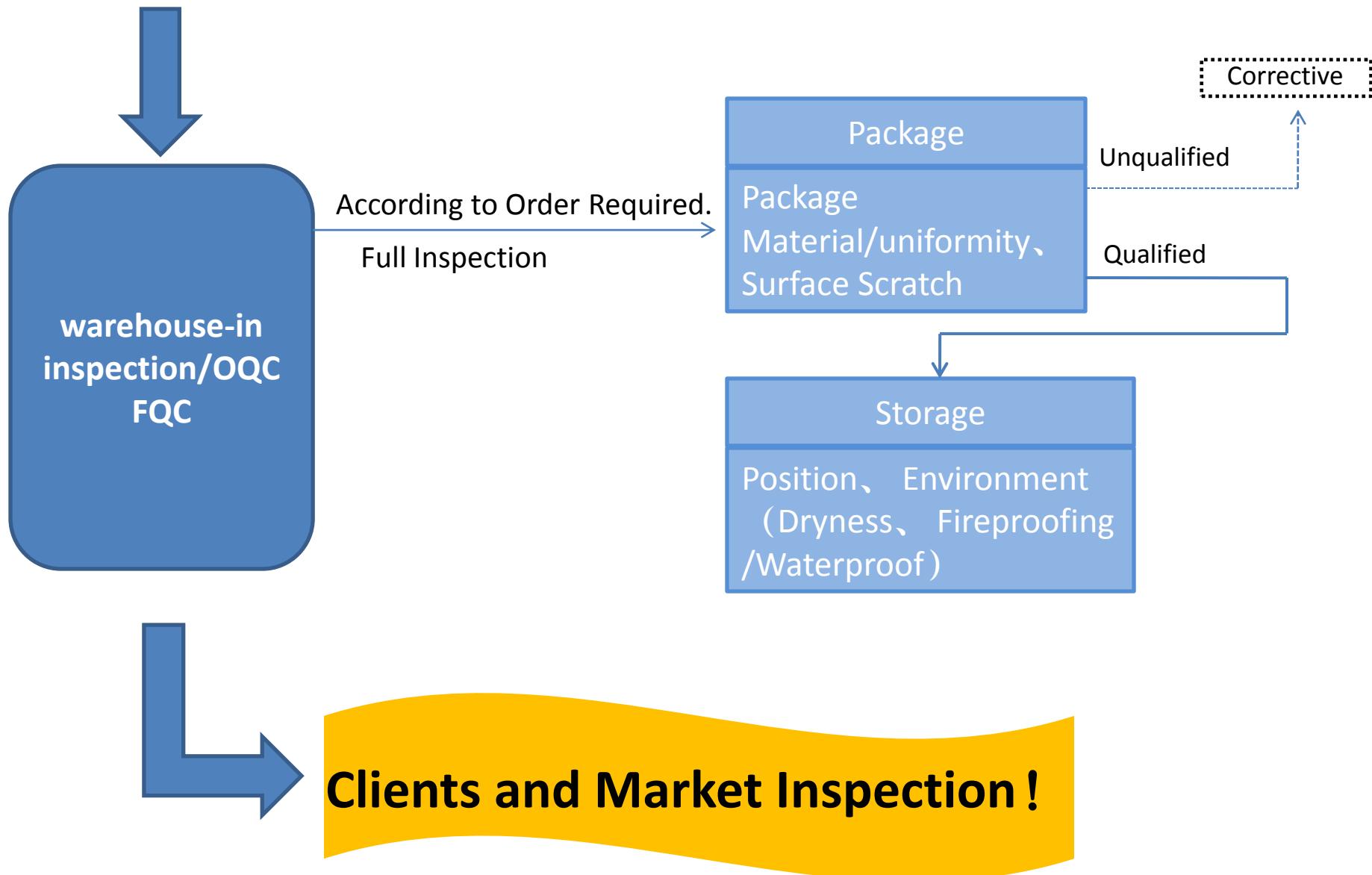
Unqualified

Corrective or Scrap

Unqualified

QC flow

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4S Service System

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Renhui as top-class solar mounting structure supplier is aiming to provide all our client service with Sincerity, Specialty, Speediness and Surpass.

Pre-Sales

360 ° Survey

- questionnaire
- on-site inspection for accurate design input

Sales

System

- optimal design with consideration of cost and reliability
- maximizing solar system efficiency

Sales

Support

- transparent / controllable production processing to help client to ensure quality & delivery
- optimal package design for minimizing logistic cost

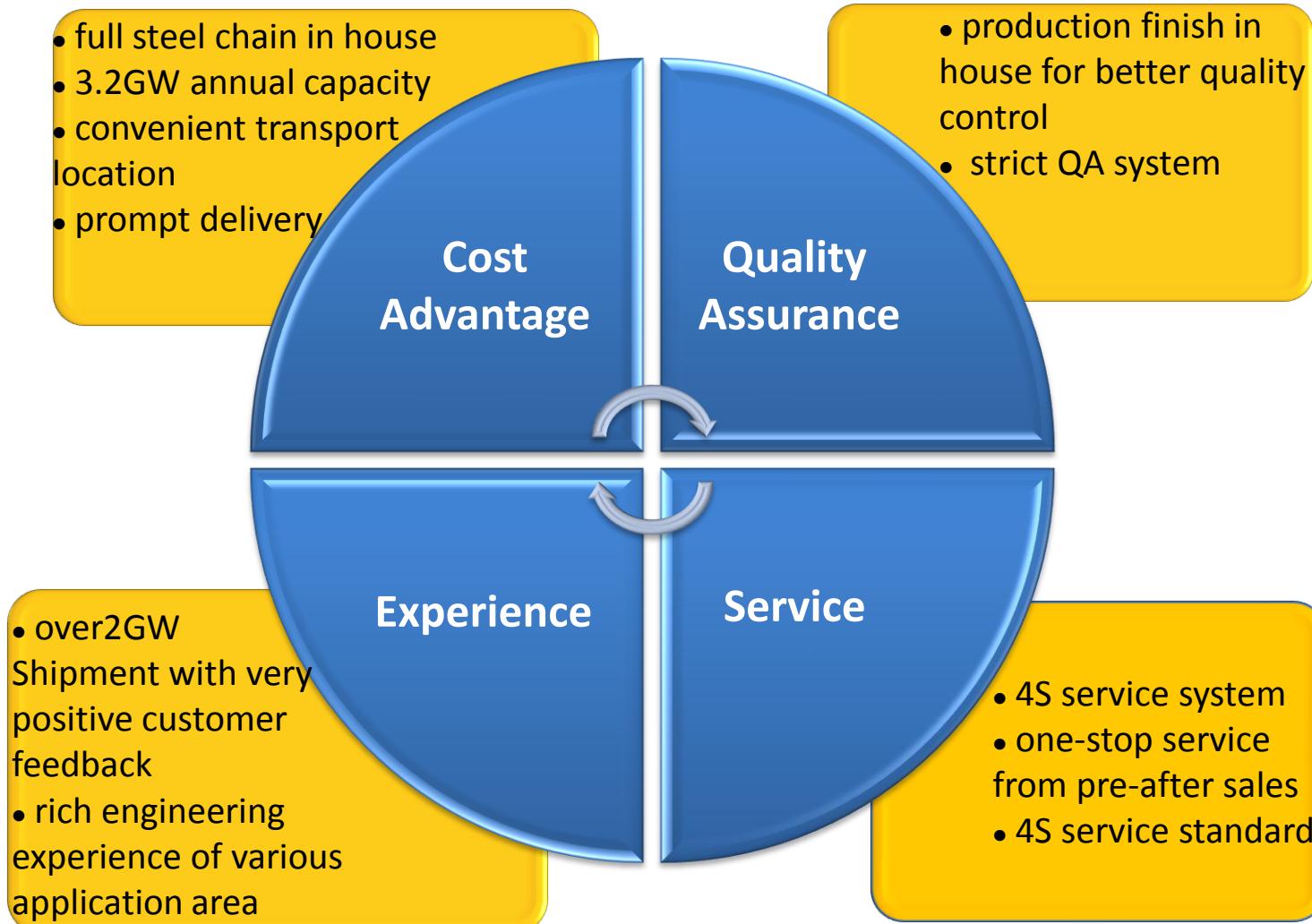
After-Sales

Service

- 25 years warranty
- 7X24 respond time domestic 48 h/ overseas 72 h
- present on-site

Strength

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Project Reference

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India 65 MW Ground Power Plant (NTPC)



Project Reference

Renhui

India 2X65 MW Ground Power Plant (NLC)



Project Reference

Renhui

India 50 MW Ground Power Plant (NTPC)



Project Reference

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No.	Project Name	Project Size (MW)	Project Location
1	Pavagada 50 MW Solar Plant -I	50	Pavagada
2	Pavagada 50 MW Solar Plant -II	50	Pavagada
3	Pavagada 50 MW Solar Plant -III	50	Pavagada
4	Gani 50 MW Solar Plant	50	Gani



Project Reference

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Vietnam 130 MW Ground Power Plant



Project Reference

Renhui

Vietnam 105 MW Ground Power Plant



Project Reference

Renhui



Inner Mongolia 50MW Ground Power Plant



Project Reference

Renhui



Tibet Changdu 20MW Ground Power Plant
Altitude above 4500 meters



Project Reference

Renhui



Ningxia Yanchi Phase II 100MW Ground Power Plant

Project Reference

Renhui



Qinghai Haitian 30MW Ground Power Plant

Project Reference

Renhui



Henan 5MW Roof-top Power Plant



Project Reference

Renhui



Shanxi 10MW Roof-top Power Plant



Project Reference

Renhui



Anhui 5MW Roof-top Power Plant

Project Reference

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No.	Project Name	Project Size (MW)	Project Location
1	Changzhou City Zou District Modern Agricultural Area	20	Jiangsu China
2	Hunan Power Plant Project	10	Hunan China
3	Henan Yuxin Power Plant Project	15	Henan China
4	Angxi District Shengli Cun Solar Fishing Power Plant Project	8	Heilongjiang China
5	Huaxi Jinzhai Power Plant Project	70	Anhui China



Project Reference

Renhui



Jiangsu 20MW Modern Agricultural Area

Project Reference

Renhui



**Anhui Huaxi Jinzhai 70MW
Power Plant Project**



Project Reference

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No.	Project Name	Project Size (MW)	Project Location
1	Yunnan Project	55	Yunnan China
2	Jianshui City Malishu Project	55	Yunnan China
3	Shandong Tianen Grid connected Project	50	Shandong China
4	Haitian Dahebukesaier Power Plant Project	30	Qinghai China
5	Indian Power Plant Project	30	India
6	Pakistan Power Plant Project	30	Pakistan
7	Shanxi Heyang Power Plant Project	30	Shanxi China
8	Xizang Changdu Basu District Power Plant Project	20	Xizang China
9	Ningxia Yanchi Power Plant Project	50	Ningxia China
10	Ningxia Yanchi Power Plant Project	100	Ningxia China
11	Inner Mongolia Power Plant Project	50	Inner Mongolia China
12	Dengzhou City Zhongneng Zhonghe Power Plant Project	20	Henan China
13	Ningxia Yanchi Phase II Power Plant Project	100	Ningxia China
14	Xuanhua Power Plant Project	20	Hubei China
15	Zaozhuang Power Plant Project	70	Shandong China
16	Huadian Zaozhuang Power Plant Project	10	Shandong China
17	Jiayuguan Power Plant Project	20	Hebei China
18	Sheyang Power Plant Project	5	Jiangsu China
19	Sichuan Hejingxiang Power Plant Project	10	Sichuan China
20	Fenyi Xian Power Plant Project	70	Jiangxi China



Project Reference

Renhui

No.	Project Name	Project Size (MW)	Project Location
21	Inner Mongolia Solar Agricultural Power Plant Project	20	Inner Mongolia China
22	Ningxia Wanglejing Power Plant Project	100	Ningxia China
23	Inner Mongolia Balinzuoqi Biliutan Power Plant Project	20	Inner Mongolia China
24	Suzhou Power Plant Project	20	Anhui China
25	Yanchi Zhonghaiyang Power Plant Project	20	Jiangsu China
26	Guangxi Yulin Power Plant Project	20	Guangxi China
27	Liupanshui Power Plant Project	10	Guizhou China
28	Heihe Power Plant Project	10	Heilongjiang China
29	Manzhouli Phase II Power Plant Project	10	Inner Mongolia China
30	Datong Rongxin District Power Plant Project	10	Shanxi China
31	Guangda Wudan Power Plant Project	10	Inner Mongolia China
32	Lingwu Power Plant Project	10	Ningxia China
33	Anyang Power Plant Project	50	Henan China
34	Yanghun Heikou Power Plant Project	20	Guangdong
35	Pingi Pingyuan Power Plant Project	50	Henan China
36	Dezhou Power Plant Project	20	Shandong China
37	Xingye Xingtai Power Plant Project	10	Hebei China
Total		1235	



Thanks for your attention!

