

Factory area > 45000, with employee > 600, annual production > 500000 Sets



Quality Equipment Process and Testing Method

● 1 Mechanical processing workshop

No	Equipment	Specification	Unit	Qty	Manufacturer
1	Hydraulic shear trigger	Q11Y6×2500	Pcs	1	YSD
2	Hydraulic shear trigger	Qc12Y6×2500	Pcs	1	Shanghai SANLY Machine Tool Manufacturing
3	CNC shear trigger	QGA(K)6×2500	Pcs	1	YSD-LVD-HD
4	Mechanical bending machine	W67 - 80	Pcs	1	YSD-LVD-HD
5	Hydraulic bending machine	WFGY100T-3200	Pcs	1	Shanghai SANLY Machine Tool Manufacturing
6	CNC bending machine	PPN(K)100 - 30	Pcs	1	YSD-LVD-HD

7	Hydraulic CNC bending machine	170 – 1	Pcs	1	AMADA Shanghai
8	CNC turret punch	VIPROS-2510C	Pcs	1	AMADA Shanghai
9	Presses	JB21 – 160	Pcs	1	YSD-LVD-HD
10	Presses	J11 – 100	Pcs	1	Xishui Forging
11	Presses	JE23 – 60	Pcs	2	Xishui Forging
12	Presses	JE23 – 40	Pcs	3	Neijiang forging
13	Coated presses	J21S – 63	Pcs	1	Yangzhou Metalforming Machine Tool., Ltd
14	Welding machine	S0 – 450A	Pcs	28	Hanyang Electric Factory
15	Plasma cutting machine	LGK - 30	Pcs	1	Tianjin Central Electric Factory
16	Plasma cutting machine	LGK – 30	Pcs	1	TAYOR
17	Vertical drilling machine	Z525	Pcs	3	Xiangfan Machine Tool Plant
18	Desktop drilling machine	ZJ413	Pcs	4	Hangzhou West Lake Tai Drilling Factory
19	Grinder		Pcs	3	Hubei Shishou
20	Spot welding	DN - 75	Pcs	1	Nanjing Grand Welding Machine Factory
21	Grinding wheel cutting machine		Pcs	8	Shantou Machine Tool Plant
22	Assembly of tire		Pair	4	Self-made
23	Welding platform		Pcs	8	Self-made
24	Cold mold		Set	24	Self-made
25	Cut mold		Pair	12	Maanshan Machine Tool Plant
26	Stud welder	RSR – 6000	Pcs	6	Beijing Corridor Surface Technology Co., Ltd

● 2 Spray workshop

No	Equipment	Specification	Unit	Qty	Manufacturer
1	High voltage electrostatic spraying	CM0501	Pcs	4	
2	Drying box	90KW	Pcs	1	Guilin Guangming Technology Industrial Ltd
3	Drying box	50KW	Pcs	1	Self-made
4	Recycler		Pcs	1	Guilin Guangming Technology Industrial Ltd
5	Recycler		Pcs	1	Self-made
6	Air compressor	W – 1/8	Pcs	5	Shanghai
7	Surface treatment device		Set	1	Self-made

8	Wastewater treatment equipment				Xinda electroplating coating equipment company
---	--------------------------------	--	--	--	--

● **3 Machine repair workshop**

No	Equipment	Specification	Unit	Qty	Manufacturer
1	Lathe	C6140	Pcs	1	Wuhan Third Machine Company
2	Lathe	C6136A	Pcs	1	Gongan Machine Tool Factory
3	Grinder	M7130	Pcs	1	Yichang Machine Tool Factory
4	Grinder	M120	Pcs	1	Shashi Second Machine Company
5	Milling machine	X57 – 3	Pcs	1	Xiangyang First Machine Company
6	Milling machine	B690	Pcs	1	Xiangyang Machine Tool Plant
7	Milling machine	B650	Pcs	1	Xiangyang Machine Tool Plant
8	Radial drilling machine	Z32K	Pcs	1	Xiangyang Machine Tool Plant
9	Vertical drilling machine	Z525	Pcs	1	Xiangyang Machine Tool Plant
10	Grinding machine		Pcs	1	Xiangyang Machine Tool Plant
11	Welding machine	QBX – 140	Pcs	2	Wuhan Electric Factory
12	HV&LV power distribution equipment		Pcs	1	Self-made
13	Stud welder	RSR – 6000	Pcs	6	Beijing Corridor Surface Technology Co., Ltd

● **4 Assembly workshop**

No	Equipment	Specification	Unit	Qty	Manufacturer
1	Bus processing machine	DGWMX-303D	Pcs	1	Jinan Jianda
2	Copper and aluminum row flat rolling machine	SF-1	Pcs	1	Suzhou Kone Electric
3	Bench drill	Z2016	Pcs	6	Sichuan Zigong
4	Light HV test transformer	TDMIG	Pcs	1	Wuhan Electromechanical Instrument Complete Sets of Engineering Company
5	HV test operation box	XCJH	Pcs	1	Wuhan Electromechanical Instrument Complete Sets of Engineering Company

6	Phase shifter test bed	SPM	Pcs	2	Self-made
7	Vibration test stand		Pcs	2	Self-made
8	Electrical test table with temperature		Pcs	1	Self-made
9	Plate instrument test bed		Pcs	1	Self-made
10	Simulated test vehicle		Pcs	1	Self-made
11	High and low temperature aging test device		Pcs	1	Self-made
12	55KW winding motor compensation & speed & start comprehensive test stand		Pcs	2	Self-made

● 5 Inspection, measurement, test equipment

No	Equipment	Specification	Unit	Qty	Manufacturer
1	Digital contact resistance tester	SJ-IB	Pcs	1	Ditto
2	Pressure tester	NY-8501	Pcs	1	Shanghai Oriental Electronic Instrument Factory
3	Digital multimeter	34401A	Pcs	10	HP America
4	Universal freezing device	HB-1	Pcs	3	Beijing Glass Institute Testplant
5	Super thermostat	501 □	Pcs	1	Chongqing Test Equipment Factory
6	Electric heating oven	GZX-GF-OSM	Pcs	1	Shanghai Yuejin Medical Equipment Factory
7	Inductive Capacitance Meter	DL-6243	Pcs	3	Shenzhen Xinyue
8	DC arm bridge	QJ42	Pcs	2	Shanghai Electric Instrument Factory
9	Regulator	TDGC2-J6	Pcs	3	Shanghai Regulator Factory
10	Electronic AC voltage regulator	614A/1KVA	Pcs	1	Shanghai Power Supply Plant
11	HV tester	YDGT2-3/5	Pcs	3	Jiangsu Wuxian Transformer Factory
12	Electronic AC voltage regulator	75-3KVA	Pcs	1	Changsha Radio Power Plant
13	Auto frequency withstand voltage machine	ZNY-1	Pcs	1	Guangzhou Nanyang Electric Factory
14	Single phase multi - circuit transformer	TDDGW6	Pcs	1	Jiangsu Wuxian Transformer Factory

15	Distribution screen comprehensive testing equipment					Self-made
16	Voltage test stand					Self-made
17	Thermal signal calibrator	SPMK-516	Pcs	4		
18	DC standard signal source	SPMK-3004	Pcs	2		
19	5.5 desktop multimeter	3146A	Pcs	8		Shenzhen Xinyue
20	Digital three phase shifter	SYS-D	Pcs	1		Victory Electrical Instruments
21	HV switch dynamic characteristic tester	GCKC-3	Pcs	1		Wuhan National Science and Technology Co., Ltd.
22	Light frequency / DC HV transformer set	YD □□	Pcs	1		Wuhan Huayu Electric
23	Relay protection tester	JD501	Pcs	2		Wuhan Huayu Electric