

国家标准试验室

PRODUCT CATALOG version 2022-01

SQA PRODUCTION EQUIPMENT

HENGFENGYOU ELECTRIC GROUP
Smart Electric Global Service provider
Make life better!

CATALOGUE

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SMART ELECTRIC GLOBAL SERVICE PROVIDER, MAKE LIFE BETTER

ABOUT HENG FENGYOU ELECTRIC

HENGFENGYOU ELECTRIC GROUP, is an electrical enterprise with transmission and distribution industry as its main business, integrating product research and development, manufacturing and trade. Designated suppliers for the world's top 500 enterprises. Its main products include power transformers, medium and low voltage switchgear, distribution panel, circuit breakers, transmission tower, Cable and other power distribution equipment. The group has five departments: Transformer department, Panel department, power transmission tower department, cable department and electrical engineering department. HENGFENGYOU ELECTRIC GROUP has been working hard to provide the best transmission, distribution solutions for users all over the world.

Key figures

- Since: 1990
- Revenue in 2018: 635 million yuan
- 550 employees and 30 Electrical Engineers
- 6 production sites in China
- 6% of revenue is invested in R & D

Power distribution solutions that drive the global energy transition

With energy demand expanding in both developed and emerging countries, the challenge for HENGFENGYOU ELECTRIC GROUP is to connect energy with people. The group's teams work as closely as possible with projects and decision makers and design and propose technical and process solutions based on global user needs.

▶ WHY HENGFENGYOU ELECTRIC?

- 30 years of manufacturing experience
- 2 years product warranty
- Recognized by more than 50 countries
- Safe, reliable, intelligent and energy saving



▶ PRODUCT ADVANTAGES

1. The use of corrugated oil tank, robot automatic welding, to avoid leakage.
2. The shell is sprayed after pickling to ensure that the shell paint will not fall off for 30 years (test standard: corrosion resistance of the coating within 100h, hardness ≥ 0.4 , test method according to Chinese national GB/T1730 standard).
3. The transformer oil is Kunlun Lubricating Oil 25#, which are owned by CNPC, in accordance with the Chinese national standard GB/T 7555-2017 to ensure the long-term safe and stable operation of the transformer.
4. Add enough oil before the transformer leaves the factory, and the transformer with oil conservator matches the best capacity of oil pillow to meet the load needs.
5. The coil is red copper
6. Producing high quality silicon steel sheets for China Baosteel and WISCO;
7. Focused on transformer manufacturing for 30 years
8. The high reliability of operation verification in more than 50 countries and regions around the world has been sold to Iraq, Kuwait, the United Arab Emirates, Libya, Zimbabwe, South Africa, Uganda, Rwanda, Ethiopia, Ghana, Uzbekistan, Kazakhstan, Pakistan, Vietnam, Nepal, Bangladesh, Indonesia and other countries, with a cumulative export of 32598 sets

OUR TEAM AND QUALITY CONTROL

We have established strict working procedures and standards in the development, production, sales and after-sales of electrical products, so as to provide customers with first-class products and the best service.

1. We have our own R & D team, electrical engineers have more than 10 years of working experience.
2. Our workshop workers are all skilled industrial workers who have received three months 'pre-job training
3. Our sales team has been extensively trained by management consultants to provide professional solutions for customers
4. Our technical team can provide customers with 24-hour technical support world wide
5. Our customer service team ensures that orders are delivered on

OUR SERVICE

1. ISO accredited excellent manufacturer, SGS, CE, CB, CNAS, COC, CCC, KEMA certification, etc
2. The whole process of production and transportation can be accessible to picture tracking.
- 3 If quality problems after sales, it can be returned or re-delivered free of charge.
4. We promise 2 years warranty.
5. Global technical guidance for 24-hours * 365 days.



Call Us For Details

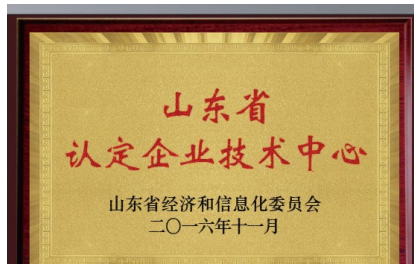
+86 158 5325 2696 (JACK)

+86 158 5326 5269 (ALISA)

QUALIFICATION CERTIFICATION



OUR HONOR



The Corner Of Our Factory





HENG FENGYOU
Make Life Better

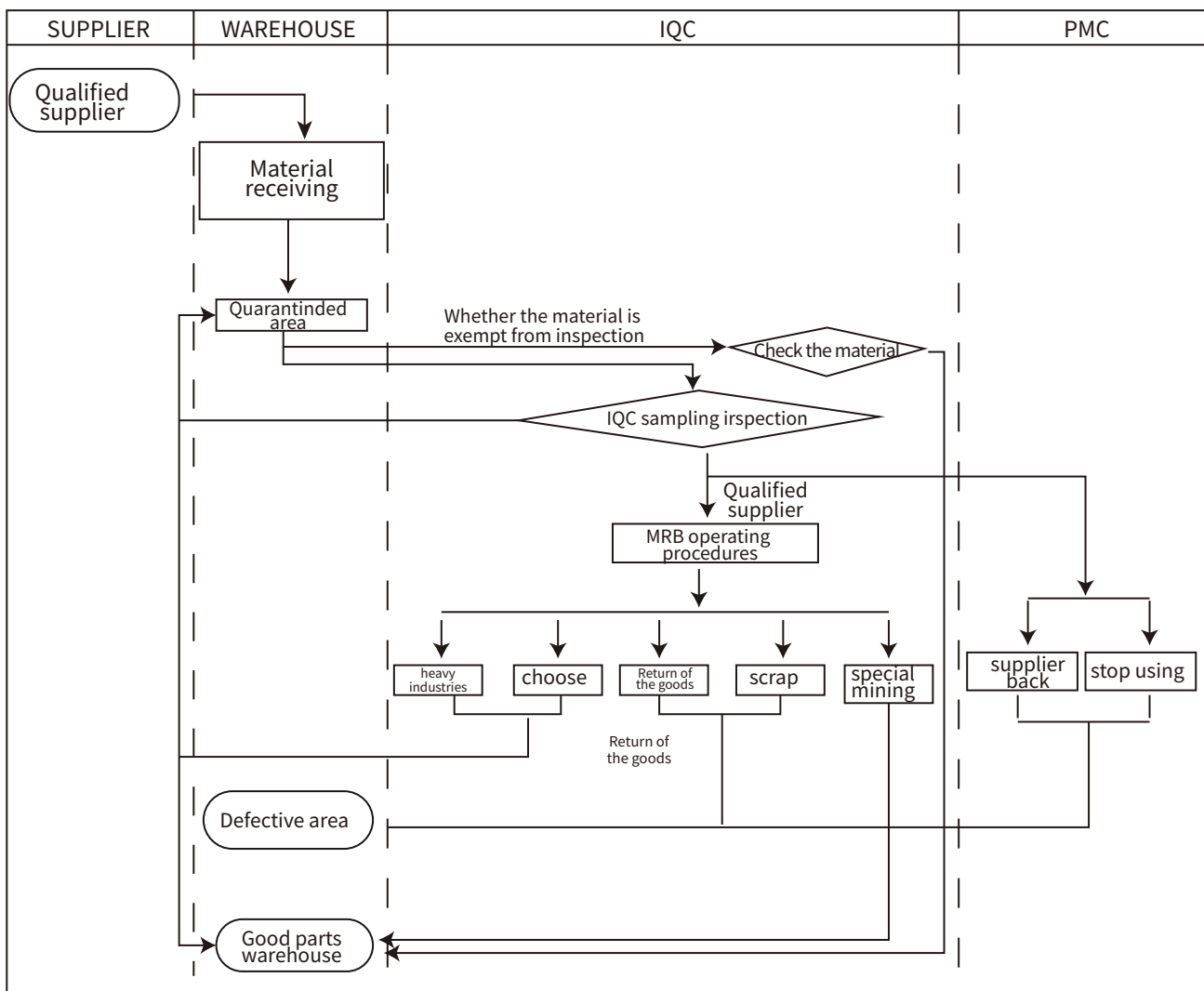
CUSTOMER-ORIENTED
CREATE VALUE FOR CUSTOMERS
MAKE FRIENDS ALL
OVER THE WORLD

CORE CORPORATE CULTURE
THAT IS CUSTOMER-ORIENTED

SQA MANAGEMENT SYSTEM

Hengfengyou Electric attaches great importance to product quality management. On the basis of introducing ISO9001 management, the company has also established **SQA** (supplier quality assurance) management system. First of all, conduct strict pre job training and on-the-job training for employees to ensure the perfect implementation of Product quality management.

IQC INSPECTION FLOW CHART



► SQA MANAGEMENT OF OIL IMMERSED TRANSFORMER

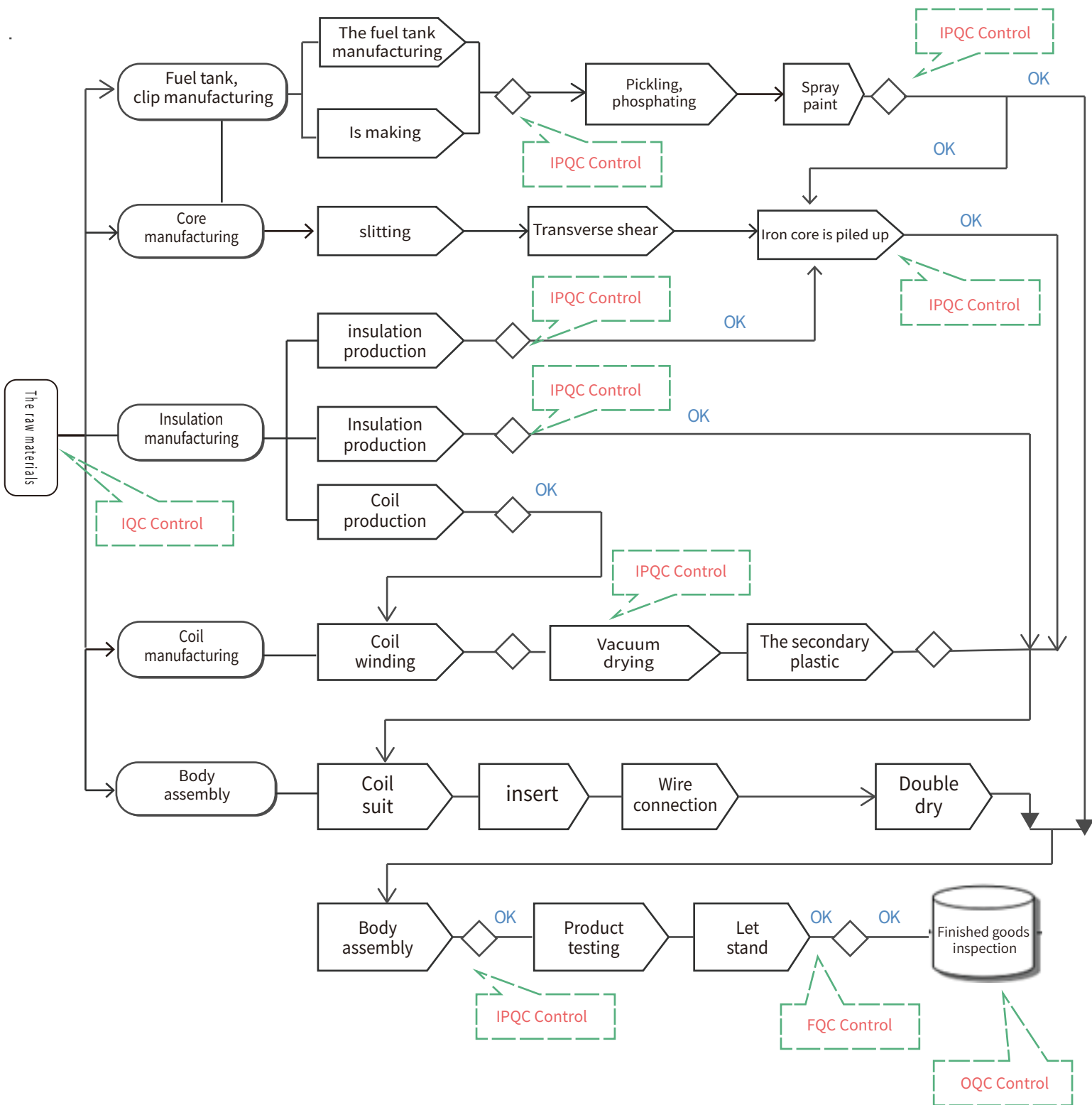
- The actual measurement of the product is superior to GB and IEC standards, CB CCC KEMA SASO certification, etc
- The high reliability of operation verification in more than 50 countries and regions around the world has been sold to Iraq, Kuwait, the United Arab Emirates, Libya, Zimbabwe, South Africa, Uganda, Rwanda, Ethiopia, Ghana, Uzbekistan, Kazakhstan, Pakistan, Vietnam, Nepal, Bangladesh, Indonesia and other countries, with a cumulative export of 12598 sets
- It is mainly used in urban distribution network below 35KV, power supply and distribution system of industrial and mining enterprises and civil buildings
- Executive Standards: IEC 60076 Series, IEC 6013, IEC 60214-1, IEC 60296; GB 1094-1996, GB / T 6451-2008, GB / TT7597-2007, etc



Oil Immersed Transformer



SQA MANAGEMENT OF OIL IMMERSED TRANSFORMER

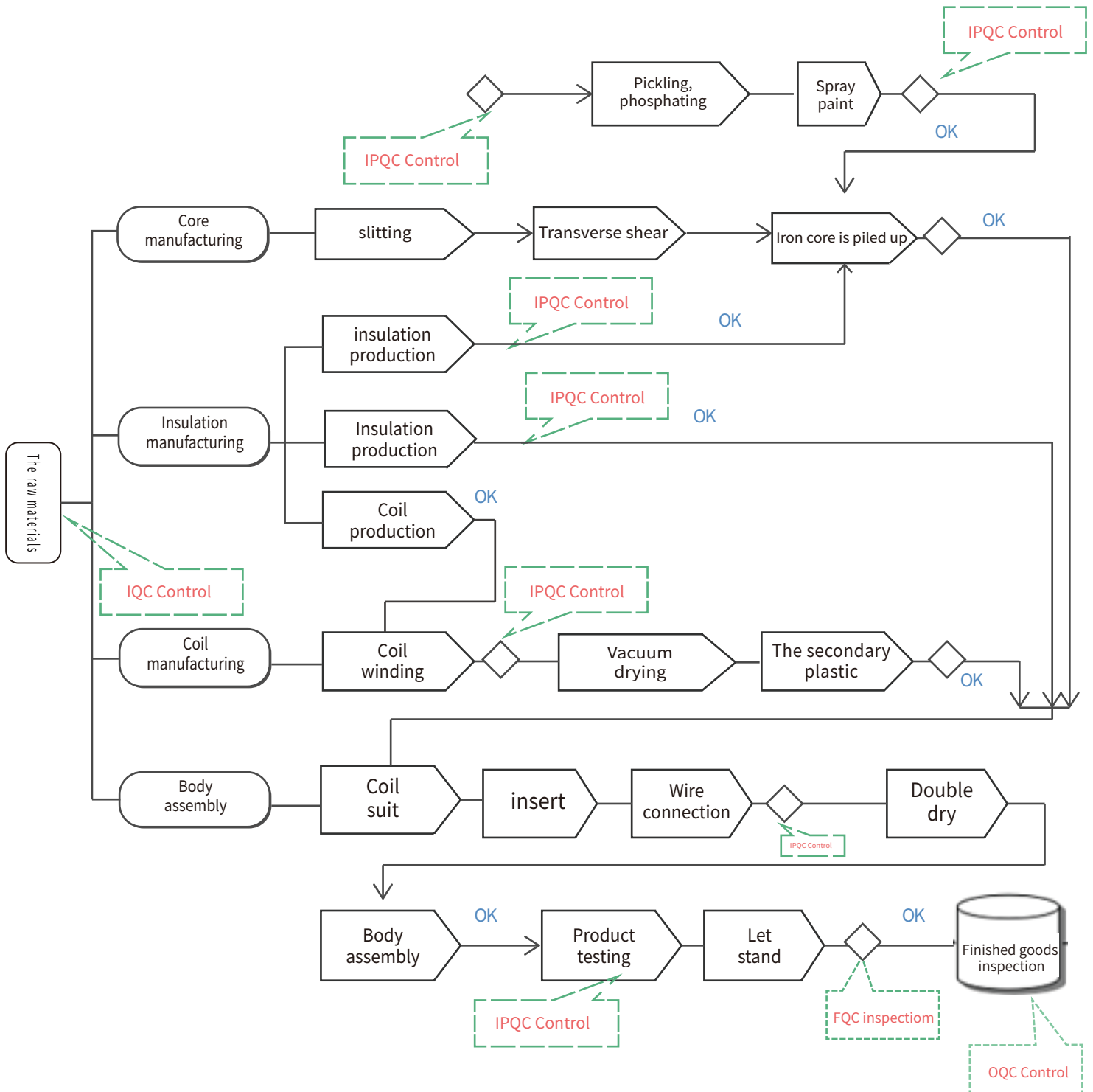


► SQA MANAGEMENT OF DRY TYPE TRANSFORMER

- The actual measurement of the product is superior to GB and IEC standards, CB CCC KEMA SASO certification, etc
- Safer, better fire performance, F1 level
- High lightning impulse resistance level (95kV for 11kv products)
- Equipped with perfect temperature protection and control system, it can operate at 120% of rated load under forced air cooling conditions
- The high reliability of operation verification in more than 50 countries and regions around the world has been sold to: Iraq, Kuwait, UAE, Libya, Zimbabwe, South Africa, Uganda, Rwanda, Ethiopia, Ghana, Uzbekistan, Kazakhstan, Pakistan, Vietnam, Nepal, Bangladesh, Indonesia and other countries, with a cumulative export of 13592 sets
- It is mainly used in urban distribution network below 35KV, power supply and distribution system of industrial and mining enterprises and civil buildings
- Executive standard: IEC 60076 series, GB1094 series, GB / T 6451-2008
- The shell materials include aluminum alloy, cold rolled steel plate, stainless steel, etc. for users to choose (protection grade IP20, IP23, etc.)



SQA MANAGEMENT OF DRY TYPE TRANSFORMER



OUR PRODUCTION EQUIPMENT

The company mainly produces more than 300 sets of equipment, and the key equipment includes the full-automatic vacuum resin casting equipment of Hubers company, 400 / 600mm core automatic cross cutting machine, foil winding machine, the most advanced transformer kerosene vapor phase drying equipment in China, large-scale core stacking turnover platform, large scale assembly platform, etc



Transformer core



High quality silicon steel sheet



Automatic silicon steel sheet slitter



Silicon steel sheet crosscutting machine



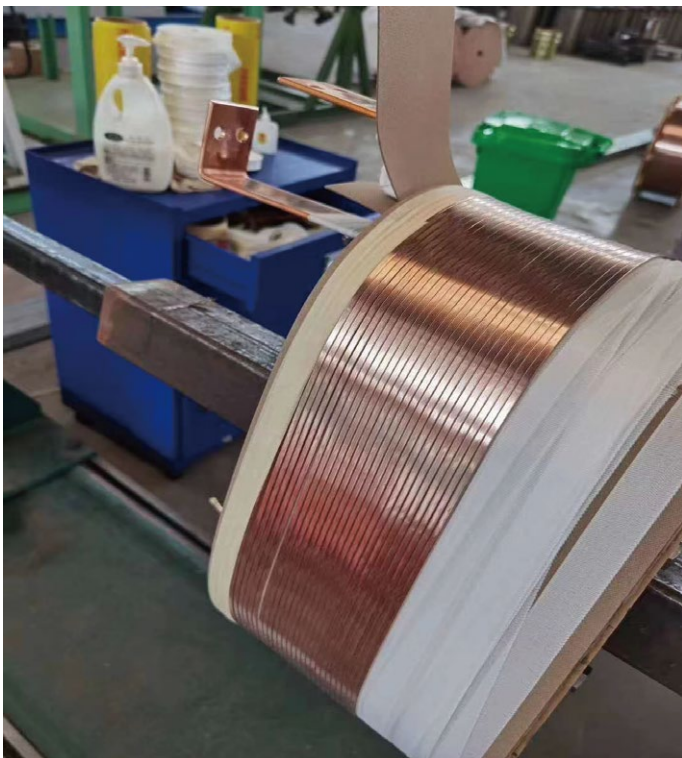
Iron core drying furnace and epoxy resin vacuum pouring furnace



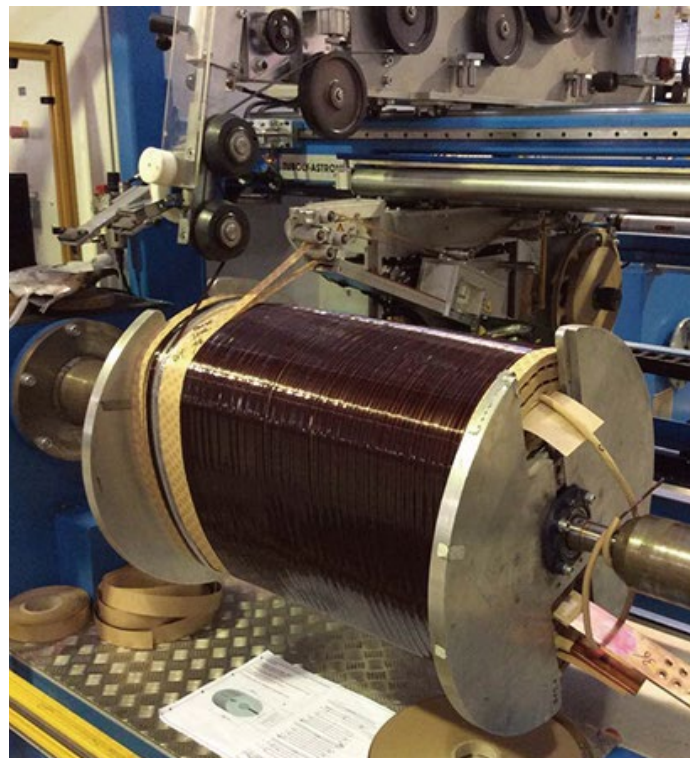
▶ OUR PRODUCTION EQUIPMENT



LV foil winding machine



HV foil winding machine



TEST EQUIPMENT

We have a professional laboratory and a complete set of transformer testing equipment, such as transformer comprehensive test bench, partial discharge noise shielding room, insulating oil dielectric strength withstand voltage tester, lightning impulse voltage generator, automatic test bench, etc.



National Standard Laboratory



Multi-function fully automatic vibration instrument



Transformer Ratio Tester



Experimental pressure transformer



Lightning impulse voltage generator

Test capability

Our company has the ability to carry out all kinds of type tests and routine tests for 220kV and below transformers except for the special test of sudden short circuit, which can fully meet all kinds of test requirements of transformer product development and production.



Comprehensive test platform for power transformer



Impulse voltage generator

PACKAGE&SHIPMENT

The packaging of all goods delivered by **HENGFENGYOU ELECTRIC** shall comply with the regulations of the country of destination and have strong packaging suitable for long-distance transportation and loading and unloading. The packaging shall be intact during transportation, loading and unloading, and vibration reduction, impact and wear prevention measures shall be taken. According to the characteristics of electrical equipment, the packaging shall be separately provided with moisture-proof, rust proof and anti-corrosion protection measures as required to ensure that the goods can be safely transported to the equipment installation site without any damage and corrosion. Before loading and packaging, we are responsible for checking and cleaning the equipment, leaving no foreign matters, and ensuring that the parts are complete.



TRANSFORMER PACKAGING AND TRANSPORTATION

▶ ATTEND TRADE SHOWS



▶ OUR PARTNER





HENG FENG YOU

· Make Life Better ·

青岛恒丰友电气工程有限公司

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Hengfengyou Electric Group

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Hengfengyou (Qingdao) Transmission tower Co., Ltd
Address: Shuangyuan Road, Chengyang District, Qingdao City, Shandong Province, China

Hengfengyou (Qingdao) Cable Co., Ltd
Address: Jifa Longshan Road, Jimo District, Qingdao, Shandong Province, China

Hengfengyou (Qingdao) Panel Builder Co., Ltd
Address: Jifa Longshan Road, Jimo District, Qingdao, Shandong Province, China

Hengfengyou (Yancheng) special transformer Co., Ltd
Address: Longteng Road, Longgang Town, Yandu District, Yancheng City, Jiangsu Province, China

Hengfengyou (Liaocheng) transformer Co., Ltd
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