



Add: Pukou Industrial District, Liling City, Hunan Province, China

Tel: 0731-23138188 23810977

Fax: 0731-23136575 23136354

E-mail: banks@cn-pk.net

P.C.: 412208



LILING HUAXIN INSULATOR
TECHNOLOGY CO., LTD



- 45,000 square meters of modernized workshops
- 5 industry-leading production lines of porcelain insulators
- 1 leading-edge production line of composite insulators
- 40,000 tons of annual capacity for porcelain insulators
- 9 years of leading position of porcelain hollow insulators worldwide
- 70% of products for export market each year
- More than 40 countries where customers from

COMPANY PROFILE

Liling Huaxin Insulator Technology Co., Ltd was founded in 1985, located in Liling city, Hunan province. The company has always focused on the research, design, production and sales of leading products in electric porcelain insulator industry, owns the most variety and the largest production quantity of porcelain hollow insulators. Since 2009, the quantities of production and sales of porcelain hollow insulators have always been in the leading position worldwide.

We aspire to provide better quality insulators with more varieties and insulator solutions to serve the domestic and global power by integrating Huaxin worldwide-applied porcelain hollow insulators with more than 30 years manufacturing experiences of transmission line insulators, and high-performance composite insulators, and supported by our excellent specialized service.



PRODUCT SCOPE

Two materials, covered all voltage levels, more than 2000 types

- **GIS BUSHING**

1kV-550kV

- **PORCELAIN HOLLOW INSULATOR**

1kV-1100kV

Porcelain hollow insulators for GIS bushing, SF₆ CB, Transformer, CT, PT, Capacitor, Cable Terminal, Surge Arrester, etc.

- **Transmission Line Insulator**

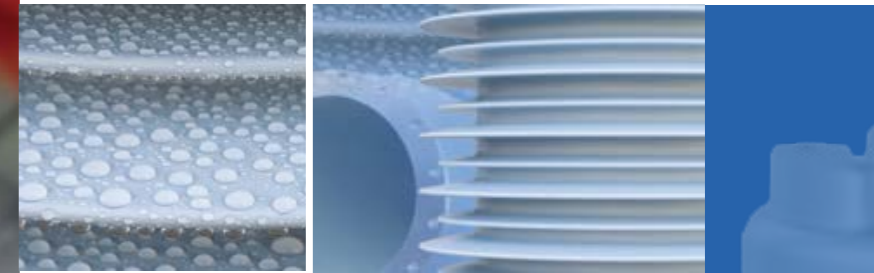
10KV-220KV

Medium Voltage insulators and Low Voltage insulators including suspension, pin, line post, strain, pull-rod, shackle, porcelain-arm, spool, etc.

Since Huaxin Insulator founded in 1985, the company started the production and sales of transmission line insulators, and got the certification of SGCC and China South Power Grid, had sales reference throughout the mainland of China. Huaxin is one of the main transmission line insulator manufacturers in China. Huaxin started to develop international market for its transmission line insulators since 2015. Up to now, Huaxin has been marketing the line products in South Africa, Singapore, Brazil, Thailand, Iran and some other countries in the world, and achieved very good reputation.



The magnitude-8 earthquake testing for 1000KV CVT at Chongqing Jiaotong Science Testing Research Institution



- **Composite Insulator**

Huaxin is committed to provide more types of insulator solutions for global power, to fulfill the increasing demand of composite insulators, a new High-technology JV company named H&G insulator Co., Ltd was established. It's the cooperation achievement of Liling HUAXIN Insulator Technology Co., Ltd. and CYG insulator Co., LTD.

The new JV Company is located in Liling city, mainly producing composite hollow insulators (up to 550kV), Porcelain composite hollow insulators (up to 252kV) and solid composite post insulators (up to 252kV).

The new JV Company combined the advantages of Huaxin porcelain insulators and CYG composite insulators. CYG insulator Co., LTD. is a holding subsidiary of CYG group Limited (Stock Code: 600525). It's a state-level high-tech enterprise specializing in producing composite insulators. Since it's established in 1994, CYG insulator has now developed into a composite insulator enterprise with leading position on technology, quality, scale and technical equipment in China. CYG originated the multi-stage injection and integral forming technology in China, owned 45 national patents.

- **Railway Insulator**

HUAXIN got the authorized certification issued by China National Railway for 160km/h electro-railway contact net long rod porcelain insulators already, the capacity for the railway insulators will be 200,000 pieces per year. Meanwhile, HUAXIN is developing long rod porcelain insulators and long rod composite insulators for 350km/h electro-railway contact net.



LEADING AND ADVANCED TECHNOLOGY

- The manufacturing technology for 750kV~1000kV Ultra-High Voltage Electric porcelain hollow insulator;
- The manufacturing technology for porcelain hollow insulator of 2800mm high for one no-jointed piece;
- The manufacturing technology for non-organic bonding porcelain hollow insulator of 12 meters high;
- The research ability and manufacturing technology for grey glaze, white glaze and other colors of glaze;
- The manufacturing technology of porcelain hollow insulators with the rain sheds of 125mm for heavy pollution area;
- The research ability and manufacturing technology of high aluminum porcelain insulator and higher strength porcelain insulator;



R&D INNOVATION

- Long lifetime & high performance 35kV~500kV composite hollow insulator;
- 110kV~220kV hollow insulators with composite housing and porcelain core;
- 330kV~500kV non-organic bonding porcelain hollow insulators with rain shed of 125mm for GIS bushing;
- 110kV~500kV bushing for GIS and DTB;
- Porcelain insulators with more than 75% of Al₂O₃ for high-speed electric locomotive;
- Porcelain hollow insulator for vacuum circuit breaker in high-speed electric locomotive;
- The bonding technology between porcelain and metal parts;
- Participated in drawing up the industry standards of GB/T 23752, GB/T 8411, GB/T 4109; improved and perfected the standards system and quality system of porcelain hollow insulators;
- 7 patents of inventions, 28 patents of utility modes, and 10 patents of appearance designs;
- Established a long time scientific research cooperation with Hunan University, which is the practice teaching base of Huaxin research.
- The successful development of Nuclear Motor Stator porcelain insulator broke the technology monopoly of America.



Nuclear Motor Stator porcelain insulator

Huaxin has spent three years in developing nuclear motor stator porcelain insulator, the success of which broke the technology monopoly of America

HUAXIN ADVANTAGES

- All series of insulator product solutions
- Customized products
- Reliable product quality
- Worldwide application reference
- Excellent specialized service
- Suitable for all of electric standards



CAPACITOR BUSHING

Huaxin inlaid capacitor bushings totally meet the IEC standard of IEC 60137-2008 and JB/T 11052-2010 (Technical conditions of inlaid capacitor bushing).



550KV GIS Bushing

1000KV Capacitance Transformer Bushing

Porcelain hollow insulator for 550KV LTB

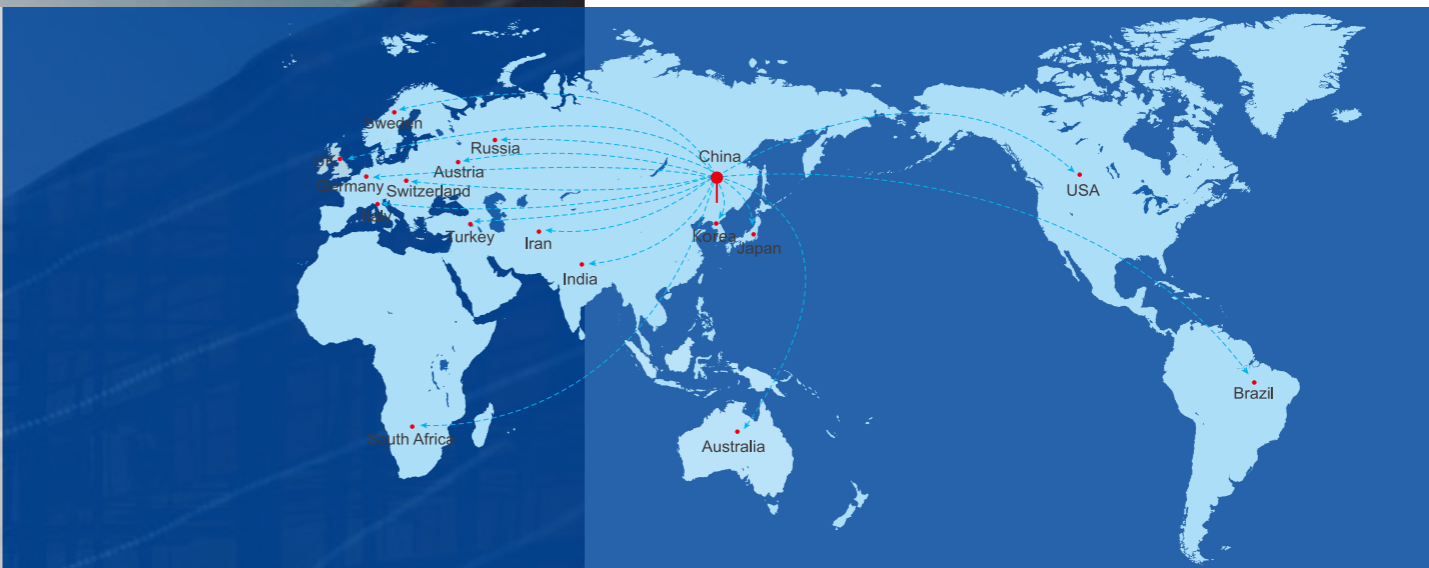
APPLICATION ACHIEVEMENT

- The Three Gorges Project
- Transmission of electricity from Anhui Province to East China
- North of Zhejiang Province 1000kV SGCC UHV Project
- Fuzhou 1000kV SGCC UHV Project
- SGCC 750KV UHV Demonstration Project from East of Lanzhou to Guanting
- 1000kV UHV AC Demonstration Project from Southeast of Shanxi to Jinmen
- More than 1.5 million pieces of HUAXIN insulators safely in the operation of high voltage and ultra high voltage areas worldwide



KEY ACCOUNT

HUAXIN is the important global strategic partner of ABB, SIEMENS, ALSTOM, TE and HYOSUNG, and is the supporting enterprise of their global industry chain. HUAXIN customers are globally located, and HUAXIN products are globally applied, we have sales reference over 40 countries, such as Sweden, Italy, Germany, UK, Switzerland, Austria, Russia, USA, Brazil, India, Japan, South Korea, Australia, Iran, South Africa, Turkey and so on.



- Global Strategic Partner



- Key Account



APPLICABLE STANDARDS

- IEC
- GB
- ANSI
- DIN
- JIS
- BS
- IS





- ABB Excellent Supplier (2016/2014/2012)
- ABB Strategic Partner (2015)
- Siemens Excellent Supplier (2015)
- Siemens (Trench) Excellent supplier (2003/2004)
- Alstom (GE) LEAN Production Improvement Award(2009)
- Sieyuan Best Strategic Partner (2008)
- National Torch Plans Product (2012)
- China Famous Brand (2012)
- China Famous Brand in Porcelain Industry (2010)
- Hunan International Well-known Brand (2010)
- Hunan High-Technology Enterprise (Since 2009)

BRAND HONOR

'PK' trademark was named as 'China Famous Brand';
 HUAXIN was awarded as 'High-Technology Enterprise of Hunan Province', 'Quality Integrity Enterprise of China' and 'Enterprise Technical Center';
 HUAXIN products were awarded as 'China Famous Brand in Porcelain Industry', 'Hunan International Well-known Brand' and 'Famous Brand in Hunan Province'.

