Summary of BHT

About BHT
Established in 1991, Beijing Huatian Mechanical-Electrical Institute Co., Ltd. (BHT) is a company subordinated to China Aerospace Science and Industry Corporation (CASIC) and a high and new technology enterprise, which is dedicated to the research, design and manufacturing of test and detection equipment in high-voltage industry.

The main products of the company include:
- IMPULSE VOLTAGE TEST SYSTEM (10-10000kV)
- IMPULSE CURRENT TEST SYSTEM (5-200kA)
- DC VOLTAGE TEST SYSTEM (200-2400kV)
- AC TESTING TRANSFORMER (50-500kV / 0.2-2A) & AC RESONANT TEST SYSTEM (50-1000kV / 1-10A)
- TEST FIELD PROJECT (10kV / 35kV / 66kV / 110kV / 220kV / 500kV / 750kV / 1000kV)
- Computer control and measurement instruments and meters of various high-voltage detection and test equipment.

Relying on the strong technical strength of CASIC, undertaking the innovation spirit of constantly striving to become stronger and pursuing the outstanding advanced philosophy, the company embarks on the road of independent innovation with brand construction, product optimization, technical innovation and industrialized production as the core to provide high-quality products and all-directional technical solutions for customers. So far, BHT has become a leading enterprise in the same domestic industry of high-voltage test and detection equipment and has made many records of being the first.

The main products of BHT are mainly exported to 27 countries and regions including America, Britain, Canada, Germany, Australia, Spain, Brazil, Argentina and South Africa and are spread in 5 continents globally. In China, our customers include China Electric Power Research Institute, State Grid Electric Power Research Institute, State Wire and Cable Inspection and Detection Center, State Insulator Lightening Arrester Inspection and Detection Center, China Academy of Railway Science, National Institute of Metrology, China Xidian Group and Tebian Electric Apparatus Group etc. and the products of the company are adopted by international famous high-voltage manufacturers such as ABB, ALSTOM, AREVA, SIEMENS and TOSHIBA internationally. The cost performance of the products has a very strong competitiveness in international market and good economic and social benefits have been achieved.

BHT advantages
1. With more than 20 years’ industrial experience, we witness, influence and propel the technical advancement of High voltage test field in China and many scientific research achievements fill in the domestic blank and reach the world advanced level.
2. We have the advanced science and technology and excellent processing equipment of CASIC and make full use of the personnel and financial resources of aerospace system to be dedicated to build an international first-class high-voltage test equipment supplier and system integrator.
3. Since the establishment of the company, it has provided up to more than 600 sets of high-voltage complete test and detection equipment for domestic and foreign customers, which are widely used in international famous enterprises and domestic scientific research institutes and power equipment manufactures and win a good reputation.
4. We always adhere to providing excellent service and has established a large number of loyal clients through fastest response and maximally meet customers’ demand and psychological expect, with services to win market.
and ceaselessly creating values for our clients.

5. China’s first 7200kV outdoor impulse voltage generator with max positive switching impulse voltage of 4850kV;

6. 4200kV outdoor impulse voltage generator located at the altitude of 4300 meters;

7. 6000kV/900kJ impulse voltage generator is currently the indoor impulse voltage generator with the largest capacity in China;

8. Our impulse calculation methods conform to the latest IEC standards. Our standards used for product calibrations are based on references traceable to national standards, such as those maintained at PTB in Germany.

**ACCOMPLISHMENT**

- Ranked 1st in sales of HV test equipments in China.
- 70% market share of impulse voltage generators in China.
- 18 patents.
- 600 successful cases in domestic and abroad.
- Fortune 500 companies are BHT clients.

**ACCOMPLISHMENT**

27 countries & regions

USA, CANADA, MEXICO, BRAZIL, ARGENTINA, ECUADOR, UK, S KOREA, SPAIN, FRANCE, INDIA, MALAYSIA, S AFRICA, RUSSIA, POLAND, EGYPT, N KOREA, HONGKONG, TAIWAN, TURKEY, INDONESIA, AUSTRALIA, PAKISTAN, GERMANY, THAILAND, BURMA, ROMANIA, SINGAPORE...