An Introduction of Chinsun Electrical Equipment Co.
Who We Are

ChinSun is a famous high voltage transformer bushing & GIS bushing & wall bushing manufacturer in China. It was founded in the year of 2003 as a manufacturer of composite bushings for transformer & substation.

The factory is fully equipped with modernized machines for manufacture processes, testing methods and a complete quality control on all stage from raw materials to finished product. The products are in compliance with the Chinese GB/T4109-2008 and International standard IEC60137.
ChinSun is a domestic leading manufacturer which specialized in dry-type transformer bushing & wall bushing & GIS bushing & current transformer. Its founder Dr. Lee who graduated from the “Moscow Power Engineering Institute” and worked for “China Electric Power Research Institute” along. In 2003, he built ChinSun company with his partner.

ChinSun is one of the first manufacturers who began to adopt Silicone Rubber shed as bushings external insulation in China.
Transformer Bushing

Rated voltage: 24kV-400kV
- Rated current: 630A-3150A
- Resin impregnated paper or resin impregnated synthetic prime insulation body (according to customer requirement)
- Silicone rubber insulator (shed) or porcelain insulator (according to customer requirement)
- Partial discharge ≤ 5 pC
- Dielectric dissipation factor (tanδ)≤0.4%
- Standard according to IEC 60137 & GB/T 4109
EXPERIMENTAL ENVIRONMENT

750kV bushing testing lab
### Production Capacity

<table>
<thead>
<tr>
<th>Main Product Name</th>
<th>Bushing Type</th>
<th>Annual Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RIP &amp; RIS</strong> Transformer bushing</td>
<td>FBRG1-24kV~400kV</td>
<td>3200 pcs</td>
</tr>
<tr>
<td><strong>RIP &amp; RIS</strong> Wall bushing</td>
<td>FCRG12kV~400kV</td>
<td>2800 pcs</td>
</tr>
<tr>
<td>GIS bushing</td>
<td>FGRG-145kV~400V</td>
<td>1700 pcs</td>
</tr>
<tr>
<td>Current Transformer</td>
<td>LGBJ-35kV~380kV</td>
<td>500 pcs</td>
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</tbody>
</table>
Transformer Bushing

- Rated voltage: 52kV, 72.5kV, 123kV, 145kV, 245kV, 362kV, 420kV, 550kV
- Rated current: 630A-8000A
- RIP & RIS prime insulation body
- Partial discharge: < 5 pC
- Dielectric dissipation factor (tanδ): ≤0.4%
- BIL meets with IEC 60137 2017 standard.
Wall Bushings

- Rated voltage: 52kV-400kV
- Rated current: 630A-12,500A
- RIP & RIS prime insulation body
- Partial discharge: <5 pC
- Dielectric dissipation factor (tanδ): ≤0.4%
- BIL meets with IEC 60137 2017 standard.
GIS Bushing

• Rated voltage: 72.5kV, 123kV, 145kV, 245kV, 362kV, 420kV
• Rated current: 630A-8000A
• RIP & RIS prime insulation body
• Partial discharge: < 5 pC
• Dielectric dissipation factor (tanδ): ≤0.4%
• BIL meets with IEC 60137 2017 standard.
**Routine test items:**

1. Measurement of dielectric dissipation factor (tan δ) and capacitance at ambient temperature
2. Dry lightning impulse voltage withstand test (BIL)
3. Dry power-frequency voltage withstand test
4. Measurement of partial discharge quantity
5. Tests of tap insulation
6. Tightness test at the flange or other fixing device
7. Visual inspection and dimensional check
Reference List

ABB

XD 中国西电集团公司

CHINT 正泰

TRENCH

国家电网公司 CHINA GRID CORPORATION OF

TBEA 永远可靠
Running Certificate

Date: Feb 12th, 2019

We purchased transformer bushings from Shandong ChinSun Electrical Equipment Co., Ltd. The voltage level includes 252kV and below. We hereby certify that these bushings have been safe, reliable, and stable in operation until now.

Changzhou Siyuan Toshiba Transformer Co., Ltd.

Name: Li Mingfang

Signature:
ISO 9001:2008 Certificate

The Business License
Type test report
Transformer bushing

FBRG-40.5/1250  FBRG-72.5/630  FBRG1-126/630  FBRG-252/630
Type test report

Wall bushing (12kV-252kV)

FCG1-12/3150

FCRG1-40.5/1250

FCRG1-126/1250

FCRG1-252/3150
Contact Info

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