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## 高压电力元件及设备的检测与认证 Testing and Certification for High-voltage Switchgear, Controlgear and Components

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## 高压电力元件及设备的一站式检测与认证服务

### One-stop services for high-voltage switchgear, controlgear and components safety and quality

随着中国电力承包商不断拓展国际市场，承包海外电力工程，同样在国内，越来越多的电力工程也需要按照国际标准和规范进行设计和施工。因此，高压电力元件及设备的安全和品质对整个电力系统的运行尤为重要。

德国莱茵TÜV在高压电力测试和认证领域拥有丰富的经验和完善的全球服务网络，结合国内企业特点，推出高压电力产品的一站式服务。德国莱茵TÜV协助企业了解产品相应的国际标准，提供测试和认证服务，为您的产品在市场竞争中提供有力的支持。

Chinese power contractors are always seeking to expand their business into international markets by gaining contracts for overseas power engineering projects. At the same time, domestic power engineering also needs to follow international standards and regulations for design and construction. High-voltage switchgear, controlgear and components safety and quality are essential to the operation of entire power systems.

TÜV Rheinland has extensive experience in the high-voltage product field and a top-class global service network, and we provide domestic high-voltage product manufacturers with one-stop services. We assist you in understanding the corresponding international standards and offer testing and certification services that help to enhance the competitiveness of your products in international markets.

## 德国莱茵TÜV，您值得信赖的合作伙伴 TÜV Rheinland is your reliable partner

- 我们与西安高压电器研究院合作，提供一站式检测认证服务，完成多种标准 (IEC, EN, GB, IEEE, DIN等) 的报告，包括IECEE CB报告，帮助企业进入多元化市场
- 从测试到发证的服务流程，为您提供更短的认证周期
- 我们本地的工程师能为您提供更便捷的技术交流和无障碍沟通
- 可以协助企业完成生产监督和质量检验，并出具检验报告
- 按照客户的技术要求进行测试，并出具测试报告
- Through cooperation with the Xi'an Highvoltage Apparatus Research Institute, we can provide one test for various standards (e.g., IEC, EN, GB, IEEE, DIN etc.), including IECEE CB report, which helps you to access multiple markets
- A shorter period for testing and certification
- Local engineers for easier and faster communication and technical exchange with no language barriers
- Assist companies in production process supervision and quality inspections, and issue inspection reports
- Test in accordance with customer-determined technical requirements, and issue reports

## XIHARI

西安高压电器研究院  
Xi'an Highvoltage Apparatus Research Institute



## 测试范围和标准 Testing scope and standard

| 产品<br>Product           | IEC及EN标准<br>IEC & EN standard | 中国标准<br>Chinese standard |
|-------------------------|-------------------------------|--------------------------|
| 断路器 Circuit breaker     | IEC/EN 62271-100              | GB 1984                  |
| 隔离开关 Disconnecter       | IEC/EN 62271-102              | GB 1985                  |
| 开关柜 Switchgear          | IEC/EN 62271-200              | GB 3906                  |
| 组合电器 GIS                | IEC/EN 62271-203              | GB 7674                  |
| 电力变压器 Power transformer | IEC/EN 60076                  | GB 1094                  |
| 电力电缆 Power cable        | IEC/EN 60502                  | GB/T 12706               |

### 更多测试范围

- 换流阀
- 无功补偿
- 环网柜
- 负荷开关
- 重合器
- 熔断器
- 互感器
- 电容器
- 绝缘子
- 避雷器
- 套管
- 箱变等

### Product sample

- Valves (HVDC and VSC)
- SVC and SVG
- RMU
- Load switch
- Recloser
- Fuse
- Instrument transformer
- Capacitor
- Insulator
- Surge Arrester
- Bushing
- Substation, etc.

## 证书和测试报告 Certificate and test report

- TÜV型式试验报告及证书
- 现场检验和监造审核报告
- 国际电工委CB报告
- 短路联盟检测报告服务
- 国际认证：俄罗斯认证、巴西认证等
- TÜV type test report and certificate
- Inspection report and supervision audit report on site
- IECEE CB report
- STL service
- International approvals: GOST approval, Brazil approval, etc.



### 关于德国莱茵TÜV集团

### About TÜV Rheinland Group

总部位于德国科隆的德国莱茵TÜV集团拥有140多年的经验。德国莱茵TÜV集团是国际上领先的技术服务供应商，它在全球60多个国家设有500多家分支机构，拥有超过19,000名员工，服务涵盖工业服务、交通服务、产品服务、莱茵学院与生命关怀、信息通信技术与商业解决方案以及体系认证服务。

TÜV Rheinland Group has more than 140 years of experience and is headquartered in Cologne. TÜV Rheinland Group is a leading group for provision of technical services worldwide. It has more than 500 locations in over 60 countries with a work force of over 19,000. The business scope covers Industrial Services, Mobility, Products, Academy and Life Care, ICT & Business Solutions, Systems.