ELECTRICAL & ELECTRONIC LABORATORIES

TRUSTED FOR REAL LIFE

MUNICH
Founded in 1921, our Munich testing lab covers a surface of over 5,500m², testing e-mobility and charging systems, battery, IT&T and radio equipment, luminaries and laser, machinery, measurement, control and laboratory equipment, electro medical devices, powerline communication, audio/video products, household appliances and more.

TAUNUSSTEIN
Our biggest lab in Germany, the dedicated E&E lab covers 650m². Established as part of the Institute Fresenius facility in 2011, the E&E lab is complemented by facilities for textile, hardgoods and TJP testing.
Specializing in household appliance, luminaries, audio/video and multimedia equipment, and IT product testing, this lab also supports chemical testing related to ROHS, SVHC, and many more restricted substance requirements.

DRESDEN
Founded in 1990, as the Institut Fresenius, our 6,500m² Dresden lab was integrated into SGS in 2004. The team at Dresden analyse chemical substances in E&E products and conduct testing for electro medical devices, wafers, microchips, photovoltaic cell and modules, electronic modules, PCBs and more, in several disciplines.

ACCREDITATIONS & APPROVALS
- ISO/IEC 17025
- KBA Notification (e/E Mark)
- Notified body for EU Directives
- FCC listing and accreditation (CAB)
- IECEE CB Scheme (CBTL-Testlab)
TYPES OF E-CONSUMER PRODUCTS - TESTED BY OUR LABORATORIES:

- Household appliances
- Luminaries
- Photovoltaic cells and modules
- Audio/Video equipment
- Multimedia equipment
- IT products
- Electro medical devices
- Machinery
- Microelectronics
- Measurement, control and laboratory equipment
- Powerline communication
- And more

GLOBAL PRODUCT CERTIFICATION - INTERNATIONAL TYPE APPROVAL:

Let SGS help you get your products into international markets. Around the globe, there are country specific requirements that your products need to comply with before importation:

- SGS Quality and safety marks (GS Mark, SGS TÜV Saar Mark)
- Europe CE, EN standards
- CB Global, IEC standards
- USA NRTL, FCC standards
- Canada CSA standards
- Brazil INMETRO
- Japan JPAL
- China CFDA
- Eurasian Economic Union TR, EAC, Gost-R
- And more

KEY SERVICES FOR ONE-STOP PRODUCT CERTIFICATION

Our labs in Germany are a gateway for E&E product services and offer a range of solutions including:

- RoHS, REACH, other restricted substances management
- Product safety testing
- Performance testing
- Wireless testing
- Sustainability solutions (ErP compliance, WEEE, Ecodesign, Energy efficiency, etc)
- Electromagnetic Compatibility (EMC) testing
- Qualification of components testing
- Functional safety testing
- Homologation services
- Fitness-for-Use testing
- Documentation and User Manuals check
- Chemical analytical services (dopant profiling, trace, thin film, material, particle, cleanliness, failure and damage analysis)
- And more

CONTACT US

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