

# ELECTRICAL & ELECTRONIC LABORATORIES

## TRUSTED FOR REAL LIFE



### MUNICH

Founded in 1921, our Munich testing lab covers a surface of over 5,500m<sup>2</sup>, 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 650m<sup>2</sup>. 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.



## GERMANY

### 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)

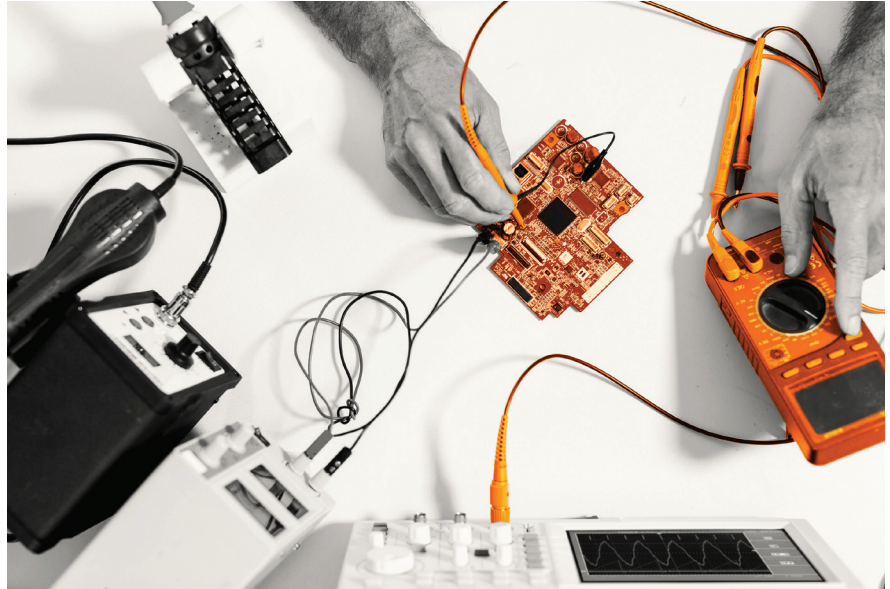


### DRESDEN

Founded in 1990, as the Institut Fresenius, our 6,500m<sup>2</sup> 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.

## 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, SGSTÜV 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

For further information, please contact:

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