



America

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Photovoltaics Testing and Certification

Services at a glance

As a competent partner, TÜV SÜD supports photovoltaic module and cell manufacturers as well as importers and installers through:

- Testing and certification according to the standards IEC/EN 61215, IEC/EN 61646, IEC/EN 61730-1,-2
- CB certificates
- PV Gap Mark
- UL 1741 (DC to AC Inverters)
- Type testing for CE marking
- Factory inspections
- Pre-Shipment inspections
- Certification extensions
- Specialized R&D and environmental tests

Your Benefits

- Enhanced reputation through proven quality and safety by a neutral third party
- Entering global markets in a reliable and time-efficient manner
- Timely responses, regular project status update during the entire testing and certification process
- Build up user's confidence in your product through our internationally recognized certification marks

Services Offered

Our local service is what truly sets us apart. Whether you're focusing on the latest regulatory developments, complex standards or certifica-

tion challenges, our expert staff and state-of-the-art facilities are ready to meet and serve your individual product safety needs.

Our full suite of services includes:

- European Union (EU) Notified Body for:
 - Machinery Directive (MD)
 - Low Voltage Directive (LVD)
 - Electromagnetic Compatibility Directive (EMC)
 - Noise Directive (ND)
 - ATEX Directive
- CE Marking Evaluations & Assistance
- Member International CB Scheme
- SEMI[®] S2 Evaluations
- NRTL (Nationally Recognized Testing Laboratory) Services
- SCC Certification Body
- Field Labeling
- Global EMC Testing
- Globally recognized TÜV-Mark
- Mil-Std-461 Testing
- RTCA/DO-160 Testing
- Environmental Testing
- Mechanical / Electrical Safety Testing
- Voltage Fluctuation and Harmonics Testing
- Risk and Hazard Analysis
- GOST Certification and Assistance
- IRAM Certification and Assistance
- NOM Certification and Assistance
- NIS, Japan and China, T mark & S mark, CCC Mark Assistance
- Telecom Conformity Assessment

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Services Continued:

- FCC / TCB services (U.S.)
- SCC FCB services (Canada)
- Wireless & Bluetooth Qualification Services
- Global Management Systems Registrar:
 - ISO 9001 & 14001
 - TL 9000
 - AS9100
 - ISO/TS 16949

TÜV's blue octagon certification mark is recognized and trusted by major corporations around the world. Globally, TÜV has issued over 190,000 product and 30,000 quality management system certifications.

For one-stop German expertise in the United States, contact Regan Arndt (rarndt@tuvam.com).

About TÜV SÜD

Established in Germany 140 years ago, TÜV SÜD is one of the world's leading technical services companies offering consultancy, inspections, tests, expert opinions, certification, and training.



Approximately 13,300 employees at over 600 locations worldwide provide technology, system, and know-how optimization.

TÜV SÜD America Inc. is an international testing and certification organization providing professional management systems, product testing, and certification services through its Testing, Auditing, and Inspection divisions.



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10 Centennial Drive | Peabody, MA 01960 | 1.800.TUV.0123