



Eurofins TECH Testing Laboratory

- Testing Laboratory n. 0085 according to UNI CEI EN ISO/IEC 17025
- Notified Body n. 0477 for EMC, LVD, RTTE Directives
- Notified Body and Testing Laboratory for IECEx scheme (ATmospheres EXplosives)



With many years of experience on Product Testing, **Eurofins TECH** is able to perform the tests needed to verify conformity of products to the current harmonized standards. We deliver Testing and CE Certification according to requirements of European Directives and International IEC/EN Standards:

- Testing laboratory ISO/IEC 17025 for
Electrical and Electronic Products
Power Converters
Products under EMC and LVD
- Testing laboratory recognized by LOVAG (Low Voltage Agreement Group)
- Testing laboratory recognized by ACAE
for Electrical and Electronic Products
Electrical Protection Devices
- Testing Laboratory (ExTL) and Notified Body (ExCB) for Atex products
- CB Testing Laboratory (CBTL) for photovoltaic modules
- SOLAR KEYMARK Laboratory for solar thermal collectors and systems



TECH Lab Equipment

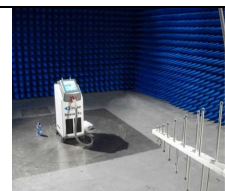


Low Voltage Test

Tests to assess the conformity to Low Voltage harmonized standards.

Electromagnetic Compatibility Test

Tests to assess the conformity to the EMC and R&TTE harmonized standards.



Degrees of Protection Provided by Enclosures (IP Code)

Our equipments are able to test the degree of protection IP provided by enclosures against access to hazardous parts (up to IP68) according to EN 60529 standard.

Our Dust Test Chamber is able to test equipment up to 80x140x250 cm.

TECH Lab Equipment

Photovoltaic Modules

We provide testing on mono-polycrystalline, amorphous and concentrator modules according to IEC/EN standards (IEC/EN 61215 - IEC/EN 61730 - IEC/EN 61646 – IEC/EN 61701; IEC 62108

Additional Tests:

- Full testing on PVT Modules (photovoltaic and thermal modules);
- Electroluminescence Test;
- PiD (Potential Induced Degradation) Test.



Our laboratory, recognized in the IEC/EN Scheme, can support you for the IEC certification.



Thermal Collectors & Systems

Testing on solar collectors and Factory Made Systems according to EN 12975 and EN 12976.

Freeze test as required by new Solar KeyMark rules.

Our laboratory, recognized in the International Scheme can support you for the Solar KeyMark certification.

Photovoltaic and Wind Inverters

Testing according to CEI 0-16; CEI 0-21; CEI EN 62109 and International Standards:

Inverters and Protection System Devices intended to be used in the electrical distribution grid.



Environment test

Testing according to EN 60068 series

Our “walk in” climatic chambers are able to simulate extreme environment conditions on your products (typical test :damp heat, dry heat, cycle test, shock test)

Atex test

Our laboratory is able to test and certify all electrical and mechanical equipments intended for use in EXplosive ATmospheres

Eurofins TECH is also accredited in IECEx scheme delivery testing and certification.



Salt Mist Test

All Tests useful to determine the resistance of products to corrosion from salt mist containing Cl⁻ (NaCl, MgCl₂, etc.).