

## Product certification



Eurofins Electrosuisse Product Testing AG services are normally based on national (SEV), European (EN) and international standards (IEC). If necessary or indicated additional standards or quality requirements may be applied.

In case all relevant tests are performed a wide range of conformity declarations and certificates are available. Certifications according to national, European and international schemes with or without a mark are possible.

Eurofins Electrosuisse Product Testing AG is able to provide the SEV mark of conformity, European ENEC mark of conformity as well as an international CB- and IECEx- certificates.

Eurofins Electrosuisse Product Testing AG herewith opens their customers with different schemes/marks and mutual agreements an easier worldwide market access for their products.

### Types of schemes

Process	Types							
	1a	1b	2	3	4	5	6	N
Type test								
Batch/Sample test								
100% Test								
Surveillance								
Test on marked surveillance sample								
Factory sample test								
Inspection according to CIG 021 - 024								
Quality management audits 9001 und z. B. ISO 80079-34								


1-5 are suitable for certification of products.

6 certifies the manufacturer's ability to develop, to produce and to repair products


N Further freely definable procedures while observing the activities defined in ISO / IEC 17067


## Schemes

### National CERTIFEL Scheme

 <b>CoC SEV</b>	<p><b>Certificate of conformity with SEV mark (CoC SEV)</b></p> <p>Certificate confirms conformity with safety and optional EMC standards. Scheme according to ISO System 5 with type testing, production monitoring and periodic pattern testing. Simplified certification process with a CCA-NTR document of a CENELEC certification organization or the CoC certificate of an IECEE certification organization. Certification requirements according to CERTIFEL certification procedures.</p> <p>Validity is usually 3 years.</p>
<p><b>Reg 08-00000X</b> <b>CoC Reg</b></p>	<p><b>Certificate with registration (CoC Reg)</b></p> <p>Certificate confirms conformity and partial conformity with safety standards. Schemes according to ISO System 5 with type testing and factory surveillance with periodic sample tests. Certification requirements according to CERTIFEL certification procedures.</p> <p>Validity is usually 3 years.</p>
<p><b>CoC</b></p>	<p><b>Certificate of Conformity (CoC)</b></p> <p>Confirmation of standard conformity at the time of the test. Scheme according to ISO System 1a. Confirmation of presumption of conformity corresponding EU directives and the Swiss regulations.</p>

### European Scheme

 <b>ENEC mark of conformity</b>	<p><b>Certification according to ENEC scheme (SEV with code 13)</b></p> <p><b>ENEC</b> is the conformity mark for quality products which confirms conformity with the European safety standards. Scheme according to ISO System 5 with type testing, production monitoring and periodic pattern testing. Products must be within the scope of the ENEC procedure. In the case of household products, the Eurofins Electrosuisse Product Testing AG logo must also be affixed to the product at the same time.</p> <p>Validity is usually 3 years.</p>
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 <b>SEV xx ATEX xxxx</b>	<p><b>Certifications according EC ATEX Directive</b> (Notified Body 1258)</p> <p>All producer and operator of equipment and protective system intended for use in potentially explosive atmospheres have to comply with the EC–ATEX–Directive. A Notified Body notified by the EC must verify the equipment intended for use in specific zones and certify it with an EC type-examination certificate. The quality assurance system must also be checked periodically.</p>
	<p><b>Certifications according EC Machinery Directive</b> (Notified Body 1258)</p> <p>Some of the products in the scope of EC machine directive has to be tested and certified by a body designated by the EU with a EU type examination certificate.</p>
<b>CCA-NTR</b>	<p><b>CENELEC Certification Agreement according CCA scheme (CCA-NTR)</b></p> <p>(CENELEC Certification Agreement) with NTR (Notification of Test Results). The CCA-NTR documents (translation documents) can only be issued in connection with a CoC SEV and for products under the Low Voltage Directive.</p> <p>Conformity is declared at the date of issue</p>

#### International Schemes

<b>IECEE CB</b>	<p><b>Certification according IECEE CB scheme</b></p> <p>Certification of the IEC standard conformity for safety and electro-magnetic compatibility (EMC) with special consideration of national deviations. Method according to ISO System 1a with type test.</p> <p>Conformity is declared at the date of issue</p>
<b>CoC IECEx</b>	<p><b>Certification according IECEx scheme</b></p> <p>Confirmation of IEC standard conformity for the safety of equipment used in an explosive environment. Process according to ISO System 5 with type testing, verification of the quality management system of the manufacturer and continuous monitoring of the production process. Certification of equipment, assemblies, components and repair shops. Validity is usually 3 years</p>