

CB Certification Scheme Description

PURPOSE

The IECEE CB Scheme is an international certification system for electrical and electronic products. It helps manufacturers demonstrate compliance with IEC international standards and provides a practical pathway to markets around the world.

A key benefit of the scheme is the mutual recognition of test results and certificates by participating certification bodies in many countries. This can help reduce the need for repeated testing, simplify the certification process, and support faster access to new markets.

When certification is successfully completed, Nemko issues an IECEE Certificate together with a CB Test Report. These documents can be used to support national certifications, regulatory approvals, and market access activities in participating countries.

Nemko is an approved National Certification Body (NCB) within the IECEE CB Scheme and can issue IECEE Certificates for products within its authorized scope. Where applicable, Nemko may also issue certificates under the IECEE Component Certification Program (CCP) and the IECEE Aspect Certification Program (ACP).

Certification is based on the evaluation and testing of representative product samples and a review of the supporting technical documentation. The IECEE CB Scheme does not include ongoing factory inspections, surveillance testing, or periodic follow-up activities after certification has been issued.

Why choose the IECEE CB Scheme?

- Internationally recognized certification based on IEC standards.
- Supports access to multiple markets through a single certification process.
- Reduce duplicate testing and certification effort.
- Provides a widely accepted basis for national certifications and approvals.
- Speed up access to global markets.

PROCESS FOR CERTIFICATION

APPLICATION

Applications for a new IECEE Certificate or changes to an existing certificate are submitted using Nemko's application forms.

Applicants are normally required to provide information about the applicant, manufacturer, production location(s), product models, applicable IEC standards, technical specifications, drawings, component information, test reports, and any other documentation needed to determine the certification requirements for the product.

1. Applicant

The applicant is the company or individual requesting certification and becomes the holder of the IECEE Certificate and associated CB Test Report.

If the applicant is not the manufacturer, authorization from the manufacturer will be required, such as Power of Attorney.

2. Manufacturer

The manufacturer is the organization responsible for the design, production, or placing of the product on the market.

The manufacturer is responsible for ensuring that the certified product continues to comply with the applicable certification requirements and must inform Nemko of any changes that could affect compliance.

3. Factory(ies)

The factory or factories are the locations where the product is manufactured or assembled.

When production takes place at more than one factory, the applicant must confirm that the product samples submitted for evaluation are representative of production at all factories covered by the application.

Factory details will be included in the CB certification documentation and on the IECEE Certificate.

4. Product Information

The application should include relevant product information, such as:

- Product type and model designation(s)
- Technical specifications and electrical ratings
- Product descriptions
- Brand names, trademarks, or trade names
- Critical component information
- User documentation, where applicable
- Any other information needed to evaluate the product for certification

TESTING & CERTIFICATION

Testing will be carried out by recognized CB Testing Laboratories (CBTLs) operating within the IECEE CB Scheme Existing CB Test Reports and IECEE Certificates may be used where permitted under applicable IECEE requirements. This means that test and certification relating to components or subassemblies that have already been evaluated within the IECEE CB Scheme can be considered as part of the product assessment, helping to reduce duplicate testing and streamline the certification process.

Nemko reviews the test results, technical documentation, product construction, ratings, markings, critical components, and other relevant information to verify compliance with the applicable IEC standards.

Before certification is granted, the evaluation is independently reviewed by qualified personnel. When all certification requirements have been met, Nemko issues an IECEE Certificate together with the associated CB Test Report.

Where applicable, Nemko may also issue an IECEE Component Certificate of Conformity (CCC) or an IECEE Aspect Certificate of Conformity (ACC).

MARKING AND CERTIFICATE HOLDER RESPONSIBILITIES

Unlike many national certification schemes, the IECEE CB Scheme does not include a certification mark for placement on products. The primary certification deliverables are the **IECEE Certificate** and the associated **CB Test Report**. An IECEE Certificate is not valid without its associated CB Test Report, and a CB Test Report is not valid without its associated IECEE Certificate.

The certificate holder (applicant) is responsible for ensuring that certified products continue to comply with the applicable certification requirements and for informing Nemko of any changes to the product, design, components, manufacturing arrangements, or other factors that may affect compliance

MAINTENANCE, SURVEILLANCE & FEES

The IECEE CB Scheme does not include periodic factory inspections, product surveillance testing, or ongoing surveillance by the issuing NCB

Where products are modified, standards are revised, or additional models are introduced, Nemko may perform additional evaluation activities and issue updated certification documentation where required.

Applicable fees for testing, evaluation, certification, and certificate updates are communicated through contractual arrangements and applicable fee schedules

PUBLICATION & CONFIDENTIALITY

Valid IECEE Certificates issued by Nemko are published in the official IECEE online certificate database. The database enables regulators, certification bodies, manufacturers, and other interested parties to verify issued certificates.

Information obtained during certification activities is treated as confidential except where disclosure is required by law, accreditation requirements, regulatory authorities, or applicable IECEE requirements

CHANGES, VALIDITY, SUSPENSION AND WITHDRAWAL

Any modification that may affect compliance with certification requirements shall be submitted to Nemko for evaluation before implementation. This includes product modifications, critical component changes, manufacturer changes, model additions, changes in factory locations, and revisions to applicable standards.

An IECEE Certificate remains valid provided the certified product remains unchanged and continues to comply with the certification requirements. Product changes that may affect compliance shall be submitted to Nemko for evaluation before implementation.

Nemko may suspend or withdraw certification where certification requirements are no longer fulfilled, misleading information has been provided, or continued compliance cannot be demonstrated

COMPLAINTS & APPEALS

Any person or organization may submit complaints concerning Nemko certification activities, certified products, certificate holders, or the use of certification documentation. Complaints are handled in accordance with Nemko's accredited complaint handling procedures

Applicants and certificate holders have the right to appeal certification decisions, including decisions relating to certification, certificate updates, suspension, withdrawal, or changes to the certified scope. Appeals are processed in accordance with Nemko's applicable appeals procedures

Information on how to submit a complaint is available on Nemko's website: [Complaint Submission Process | Impartial Handling and Resolution](#). Complaints may be submitted by email to complaints@nemko.com.