



TÜVRheinland®

DIN CERTCO

Precisely Right.



Certification Scheme

**Eye Protection:
Category III-Products acc. to PPE-Regulation
(Protectors for electrical works, IR-Protectors >100 °C etc.)**

in accordance with

**Regulation (EU) 2016/425
legislation and standards**

(Edition: August 2025)

Foreword

DIN CERTCO was founded in 1972 by DIN Deutsches Institut für Normung e. V., is now part of the TÜV Rheinland Group and is the certification body for issuing DIN marks and other certification marks for products, persons, services as well as companies based on DIN standards and similar specifications. Due to its independence, neutrality, competence and many years of experience, DIN CERTCO enjoys a high reputation both at home and abroad.

In order to prove the functionality of the system and our competence as a certification body, we have been accredited, certified or recognised by independent domestic and foreign bodies in both the voluntary and legally regulated areas. [Our accreditations](#).

Alongside the general terms and conditions in place at DIN CERTCO, this certification forms the basis for enabling providers of eye protectors of category-III according to the PPE-Regulation to obtain EU-type-examination certificates and/or other certificates of conformity from DIN CERTCO. In some cases, this can be combined with the right to label products with the "DIN*plus*" quality mark. By doing so, they demonstrate that their products meet all requirements of the regulation, legislation and standards.

The various certification marks create customer confidence: they can rest assured that an independent, neutral and specialist institution has carefully investigated and reviewed all the inspection criteria. External quality controls also ensure that product quality remains at a high level during ongoing manufacture. All of which provides operators with added value that will help them decide which products to purchase.

All certificate holders can be viewed on the DIN CERTCO website (www.dincertco.de), which is updated on a daily basis.

Start of validity

This certification program is valid from 2025-08-01.

Amendments

This certification scheme differs from the certification scheme "Category III-Products acc. to PPE-Directive/Regulation" (2017-03) as follows:

- a) Removal of the PPE Directive
- b) Removal of DIN-Geprüft certification
- c) Removal of the QA certificate
- d) Updating of the conditions for "DIN*plus*"
- e) Addition of the EN ISO standards

Previous Editions

Certification scheme "Category III-Products acc. to PPE-Directive/Regulation" (2017-03)

Remark

The German version of this certification scheme shall be taken as authoritative. No guarantee can be given to the English translation.

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1 Scope of application

This certification scheme applies to the eye protectors listed in Annex A. Together with the additional test standards stated below, it includes all requirements necessary to award the certificates of conformity listed in this certification scheme.

This certification scheme establishes requirements for product testing and for quality assurance measures at the manufacturer.

The resolutions of the ZEK (central exchange of experience forum of notified bodies of Germany) and of the EK8 (exchange of experience forum no. 8 of notified bodies) are mandatory for DIN CERTCO. ZEK and EK8 are forums of the ZLS (central authority of the German federal states for safety). Additional mandatory are provisions of the ZLS for notified bodies.

In general, finished products are eligible for certification. For the purposes of this certification scheme, finished products are classed as all products deemed to be ready for use as regards their optical properties without the need for modifications such as countersinking, bending, hardening, coating or connection with other parts. Edging and cutting to size and shape are permitted, except for hardened safety glass. Eye protectors are classed as ready for use once they have been fitted with lenses.

2 Test and Certification Specifications

The following referenced documents form the basis for testing and certification. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- a) Standards according to Annex A
- b) Regulation (EU) 2016/425
- c) Product Safety Law ProdSG
- d) ProdSV
- e) Resolutions of the ZEK
- f) This certification scheme
- g) The General Terms and Conditions of DIN CERTCO in the current version
- h) The respective schedule of fees of DIN CERTCO in the current version

2.1 Product requirements

The requirements placed upon the products consist of legal provisions (Regulation (EU) 2016/425) with obligatory EU type-examination certificate and further details and supplements contained in the standards.

DIN CERTCO imposes its own additional requirements for particularly high-quality products and these forms the basis for DIN*plus* certification.

2.1.1 Requirements of Regulation (EU) 2016/425

The Regulation states that eye protectors must provide adequate protection against all risks encountered.

2.1.2 Normative requirements

The technical requirements and their inspection during the certification process at DIN CERTCO are set out in the applicable versions of the standards mentioned in Annex A.

2.1.3 Additional requirements for DINplus

For certain products, additional product-specific requirements have been drawn up in order to guarantee a particularly high level of quality, safety and usability (see 0).

2.2 Manufacturing requirements (CE)

To ensure consistently high product quality in series production, the applicant must establish and maintain an effective quality assurance system.

The QA system focuses on the appropriate monitoring of production processes with suitable testing equipment and the qualification of personnel. In particular, there must be precise specifications for the regular testing of the manufactured products and the associated test records.

The applicant must specify all manufacturing sites of the product when submitting the application. DIN CERTCO decides in which production facilities a factory inspection will take place.

2.2.1 (Initial) factory inspection (CE)

2.2.1.1 Initial factory inspection

The initial factory inspection serves to determine whether the applicant has introduced and operates a suitable quality assurance system with self-monitoring of its production processes.

- The inspection is carried out by DIN CERTCO.
- The initial factory inspection is carried out according to the specified questionnaire.
- A written report is prepared on the results of the initial factory inspection.
- As a rule, the initial factory inspection for Category III products is combined with sampling.

2.2.1.2 Factory inspection

The procedure is described in section 2.2.1.1.
The plant inspection takes place annually.

As part of the factory inspection, the packaging and instructions for use must also be inspected regarding the certification mark images, type designation and manufacturer designation, etc.

2.2.1.3 Assessment of (initial) factory inspection

Based on the report of the (initial) factory inspection or any deviation report, the inspector makes a recommendation, which the certification body must assess. The ZEK-GB-2017-01 rev.2 is used as the basis for the assessment of the (initial) factory inspection.
The applicant receives the short report on the (initial) factory inspection on site.

If the (initial) factory inspection is positive, the type test(s) will be carried out. If, on the other hand, the (initial) factory inspection identifies failings, DIN CERTCO will coordinate the further procedure with the customer.

All records and documents relating to the (initial) factory inspection and its assessment are stored at DIN CERTCO.

3 Certification process

3.1 EU type-examination for category III products

Products listed under category III in Regulation (EU) 2016/425 are subject to surveillance by a notified body. For these products, annual monitoring of the products and the production site is required by law.

3.1.1 Application

The applicant submits to DIN CERTCO the corresponding completed and signed application forms together with the number of samples of the products to be certified specified by DIN CERTCO.

3.1.2 Initial testing

DIN CERTCO carries out the tests specified in the test plan.

If individual component tests are to be subcontracted, DIN CERTCO will inform the applicant accordingly in the quotation or order confirmation.

The test results are collated in a test report, which contains all the information required for assessment.

3.1.3 Conformity Assessment

DIN CERTCO assesses the test results regarding conformity with the relevant harmonised standards and the requirements of Annex II of Regulation (EU) 2016/425.

3.1.4 Issuing the EU type-examination certification

If the assessment result is positive, DIN CERTCO issues the EU type-examination certificate ("CE certificate") for the product. The EU type-examination certificate is valid for a period of 5 years.

In addition, the certificate holder must inform the notified body of any changes to the product. The scope of testing is then specified by DIN CERTCO on a case-by-case basis. In this case, the certificate holder must apply for an update to the EU type-examination certificate.

In the event of repeated deviations from the requirements of the certification scheme, a nonconformity report will be issued and the EU type-examination certificate for this type will be refused. Other certification bodies and the ZLS will be informed of this in writing by DIN CERTCO.

3.1.5 Monitoring tests

Annual production site and product monitoring is carried out. The samples for these tests are taken by DIN CERTCO from ongoing production or the warehouse of the production facility.

The scope of the test is selected in such a way that the complete identity of the samples with the samples presented during the initial test can be determined.

The certificate holder receives written confirmation if the result of the scheduled surveillance measure is positive.

If the result of the scheduled monitoring measure is negative, the further procedure and remedial measures are agreed with the certificate holder, as is the case for unscheduled measures with a negative result.

Each deviation is documented and attached to the documents for the next plant inspection. The causes are investigated during the next plant inspection.

3.1.6 Renewal

The EU type examination certificate is extended for a further 5 years in good time before it expires as part of annual product monitoring.

3.2 DINplus certification

Category III products are generally monitored annually. For a DINplus certification one product test with increased scope of testing will be carried out during the period of validity of the certificate and for renewal of the certificate.

3.2.1 Application

See section 3.1.1.

3.2.2 Initial testing

See section 3.1.2.

3.2.3 Conformity assessment

The conformity assessment serves to determine whether the available test results and the results of the factory inspection are up-to-date, complete and in accordance with the relevant standards and whether a consistently high quality of production can be expected.

3.2.4 Issuing of the certificate

If complete conformity with the requirements is demonstrated by testing and evaluation, the applicant receives a certificate and thus the right to use the relevant certification mark. The period of validity is usually 5 years.

However, the certificate holder must inform DIN CERTCO of any changes to the product. The scope of testing will then be determined by DIN CERTCO on a case-by-case basis. In this case, the certificate holder must apply for an alteration to the certificate.

If there are significant deviations from the requirements of this certification scheme, a nonconformity report will be issued and the issuance of a certificate for this type will be refused.

3.2.5 Monitoring tests

See section 3.1.5.

After 2 years, a (partial) test of the product is carried out in addition to the monitoring test. The minimum scope for this is based on the table in Appendix C. The scope of unscheduled tests is determined on a case-by-case basis.

3.2.6 Renewal

The tests are carried out in good time before the certificate expires to renew the certificate.

These renewal tests, like the quality control tests, may be carried out with a reduced scope of testing regarding the test criteria and number of test samples (see Annex C). The scope of testing is determined by the certification body.

4 Further regulations

4.1 Registration numbers

Format of registration numbers:

EU type-examination certificate: CxxxxXYZ/Rx

DIN*plus*: PxxxxXYZ/Rx

4.2 Publications

All certificate holders can be viewed on the daily up-dated homepage of DIN CERTCO (www.dincertco.de) under <Certificates and Registrations>. Manufacturers, users and consumers use this research possibility for obtaining information on certified products.

Annex A Scope of application and test standards

The following products and test standards are covered by this certification scheme

Nr.	Product	Standard/test basis
1	Eye protectors Category III acc. to PPE-Regulation	
1.1.	Products	
	Protectors for electrical works to protect against electric shock when working on live parts	DIN EN 166 + DIN EN 170 + GS-ET-29 / EN ISO 16321-1 + DIN EN IEC 62819
	IR protection filters for high-temperature environments the effects of which are comparable to those of an air temperature of at least 100 °C;	DIN EN 166 + DIN EN 171 / EN ISO 16321-1
1.2.	Additional test basis	
	Personal eye protection - Vocabulary	DIN EN ISO 4007
	Personal eye protection - Optical test methods	DIN EN 167 / ISO 18526-1 + ISO 18526-2 + ISO 18526-4
	Personal eye protection - non-optical test methods	DIN EN 168 / ISO 18526-3 + ISO 18526-4

Further products and standards on request

Annex B.1 Additional requirements for DINplus (according to DIN EN standards)

Product	Refractive power	Diffusion of Light	Transmittance requirements	Resistance to UV radiation	Other
Protectors for electrical works	Spherical ≤ 0.06 dpt Astig. ≤ 0.06 dpt Prism. ≤ 0.5 cm/m B.o. Prism. ≤ 0.12 cm/m B.i. Prism. ≤ 0.15 cm/m vert	≤ 0.2 cd/m ² /lx	$\tau \leq 0.3$ % for UV protection filters with prefix 2C / 3 in the spectral range from 313 to 365 nm	≤ 80 % of standard requirements	/
IR-Protectors	Spherical ≤ 0.06 dpt Astig. ≤ 0.06 dpt Prism. ≤ 0.5 cm/m B.o. Prism. ≤ 0.12 cm/m B.i. Prism. ≤ 0.15 cm/m vert	≤ 0.2 cd/m ² /lx	IR Transmittance: ≤ 80 % of standard requirements	≤ 80 % of standard requirements	/

Further products and standards on request

Annex B.2 Additional requirements for DINplus (according to EN ISO standards)

Product	Refractive power	Diffusion of Light / Haze	Transmittance requirements	Resistance to UV radiation	Other
Protectors for electrical works	spherical ≤ 0.06 dpt astig. ≤ 0.06 dpt Difference betw. spherical R \leftrightarrow L ≤ 0.09 dpt prism. ≤ 0.5 cm/m B.o. prism. ≤ 0.12 cm/m B.i. prism. ≤ 0.15 cm/m vert	≤ 0.5 cd/m ² /lx	UV: ≤ 80 % of standard requirements	Diffusion of Light: ≤ 0.5 cd/m ² /lx ≤ 80 % of standard requirements	/
IR-Protectors	See protectors for electrical works	≤ 2 %	IR Transmittance: ≤ 80 % of standard requirements	Haze: ≤ 2 % ≤ 80 % of standard requirements	/

Further products and standards on request



Annex C Minimum properties to be monitored during annual inspections or for DINplus



	Spherical powers S, prism. power difference P	Diffusion of light	Mechanical strength (maximum level)	Drop Test	Transmittance requirements	UV-radiation stability	Temperature stability	OD-measurements	Switching time -5°C +55°C	Homogeneity	Angle dependence	Lateral protection / area of protection	Hot penetration	Surface damage by fine particles
Protectors for electrical works	1	2	4		2	2				2				
IR-Protectors	1	2	4		2	2				2				



Key: Number - Number of tests

For products that are not listed in the above table, the scope of testing for quality control purposes must be agreed separately with DIN CERTCO.

Annex D Comparison of the CE marking and test marks (quality marks) for PPE

Mark		
Name	CE marking	DINplus
Use	Legally required for products subject to PPE Regulation	Voluntary
Basic principle	DIN CERTCO issues an EU type-examination certificate confirming that the product complies with the PPE Regulation.	Confirmation by DIN CERTCO that the product conforms to the relevant DIN standards and meets additional requirements.
Legal basis	Regulation (EU) 2016/425, harmonized EN standards	DIN standards, additional requirements according to certification scheme (Annex B)
Inspection of manufacturing sites (audit)	Yes, annually	/ (Through CE annually required)
Product quality controls	Yes, annually (partial testing possible)	Yes, after 2 years (Through CE annually, partial testing possible)
Sampling for product quality controls	Yes	Yes
Validity of the certificate	Usually 5 years (extension is possible, for this at least partial testing, notification to notified body in the event of changes to the product)	Usually, 5 years (Renewal is possible, for this at least partial testing)
Language	DE and/or EN	DE and/or EN

Mark		
Name	CE marking	DINplus
Use	Legally required for products subject to PPE Regulation	Voluntary
Basic principle	DIN CERTCO issues an EU type-examination certificate confirming that the product complies with the PPE Regulation.	Confirmation by DIN CERTCO that the product conforms to the relevant DIN standards and meets additional requirements.
Legal basis	Regulation (EU) 2016/425, harmonized EN standards	DIN standards, additional requirements according to certification scheme (Annex B)
Inspection of manufacturing sites (audit)	Yes, annually	/ (Through CE annually required)
Product quality controls	Yes, annually (partial testing possible)	Yes, after 2 years (Through CE annually, partial testing possible)
Sampling for product quality controls	Yes	Yes
Validity of the certificate	Usually 5 years (extension is possible, for this at least partial testing, notification to notified body in the event of changes to the product)	Usually, 5 years (Renewal is possible, for this at least partial testing)
Language	DE and/or EN	DE and/or EN

Mark		
Name	CE marking	DINplus
Use	Legally required for products subject to PPE Regulation	Voluntary
Basic principle	DIN CERTCO issues an EU type-examination certificate confirming that the product complies with the PPE Regulation.	Confirmation by DIN CERTCO that the product conforms to the relevant DIN standards and meets additional requirements.
Legal basis	Regulation (EU) 2016/425, harmonized EN standards	DIN standards, additional requirements according to certification scheme (Annex B)
Inspection of manufacturing sites (audit)	Yes, annually	/ (Through CE annually required)
Product quality controls	Yes, annually (partial testing possible)	Yes, after 2 years (Through CE annually, partial testing possible)
Sampling for product quality controls	Yes	Yes
Validity of the certificate	Usually 5 years (extension is possible, for this at least partial testing, notification to notified body in the event of changes to the product)	Usually, 5 years (Renewal is possible, for this at least partial testing)
Language	DE and/or EN	DE and/or EN