

## EUROPEAN CERTIFICATION SCHEMES

### ENEC MARK

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The Pan-European certification mark ENEC (European Norms Electrical Certification) granted by SGS Fimko is an impartial quality mark for electrical equipment. It requires impartial tests and quality control and corresponds to national certification marks granted by the other signatory certification bodies. As an additional advantage, customers applying for the ENEC mark will receive the right to use the well-known FI mark.



#### IN WHICH COUNTRIES IS THE ENEC MARK RECOGNIZED?

Aside from Finland, the ENEC mark is recognized in Austria, Belgium, the Czech Republic, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, Norway, Portugal, Slovenia, Spain, Sweden, Switzerland, the Netherlands and the United Kingdom. The number of countries recognizing the mark is likely to increase over the next few years.

#### FOR WHICH PRODUCTS CAN THE ENEC MARK BE USED?

The ENEC Mark can be applied e.g. to the following products:

- Light fittings,
- Light fitting components,
- Lighting track systems,
- Transformers,
- Information technology equipment,
- Energy saving lamps,
- Switches for appliances

This application range will be expanded in the future to include still more product groups.

#### TO WHOM CAN THE ENEC MARK BE GRANTED?

The ENEC mark can be granted to manufacturers of products for which there are harmonized European standards listed in the ENEC agreement.

### HAR SCHEME

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The Pan-European FIMKO HAR certification mark is proof of quality for buyers and promotes the success of cables in the European market. The members of the HAR scheme regard the HAR mark as a proof of quality equal to that indicated by the national certification mark. Manufacturers will save time and money by applying for only one mark. The HAR mark also offers a flexible gateway to several other European countries.



#### WHICH COUNTRIES RECOGNIZE FIMKO-HAR?

Besides Finland, the following countries are members of the HAR scheme: Austria, Belgium, Czech Republic, Denmark, France, Greece, Hungary, Italy, Germany, The Netherlands, Norway, Poland, Portugal, Sweden, Switzerland, Spain, Turkey and the United Kingdom. SGS Fimko is the Finnish certification organization. A FIMKO HAR license gives a product added value in many other countries where the license is recognized. In the European Union, a HAR certificate is a reliable basis for CE marking with regard to safety requirements.

#### WHAT IS A HARMONIZED DOCUMENT?

The name of the Pan-European FIMKO-HAR certification mark comes from the word harmonization. 'Harmonized specification', the wording used in the HAR Scheme, refers to HD document (HD standard) or an EN document (EN standard) confirmed by the European standardization organization in the electrical sector (CENELEC).

#### TO WHOM CAN THE FIMKO HAR MARK BE GRANTED?

The right to use the HAR mark (HAR license) can only be granted to manufacturers located in a CENELEC country.

#### FOR WHICH PRODUCTS CAN THE FIMKO HAR MARK BE GRANTED?

- PVC-insulated cables voltage-rated up to and including 450/750V, standard HD 21
- Rubber-insulated cables voltage-rated up to and including 450/750V, standard HD 22
- Flexible cables for lifts, standard EN 50214
- Circular rubber-insulated lift cables for normal use, standard HD 360 S2
- Mineral-insulated cables with a rated voltage not exceeding 750 V, standard HD 586.

The HAR agreement is not valid for cables for which there is no testing standard or the testing standard for which has not been confirmed as an HD standard.

#### GS MARK

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The GS mark (Geprüfte Sicherheit = tested safety) granted by SGS Fimko is a well-known and respected impartial certification mark indicating the safety and quality of a product. The GS mark verifies to the consumer that the product is tested and certified according to the German Act GPSG (Geräte- und Produktsicherheitsgesetz = Equipment and Product Safety Act). The GS mark can only be used on products that have a valid GS certificate granted by SGS Fimko. Information about safe electrical equipment may be obtained from SGS Fimko's register of certified products.



## WHICH COUNTRIES RECOGNIZE THE GS MARK?

The GS mark is well-known in all the countries of the European Economic Area. It proves that the products comply with the safety standard and the special requirements of the GS certification scheme. It also provides the basis for certification in many other countries. A GS certified product must also fulfill the requirements of the EMC directive. GS certification and SGS Fimko's other services provide a reliable basis for the European Union CE marking.

## FOR WHICH PRODUCT TYPES IS THE GS MARK GRANTED?

For GS mark testing European EN standards are usually used. The GS mark is thus valid for most electrical consumer products e.g. lighting fittings, household appliances, handheld tools, toys, cord extension sets etc.

## **NORDIC CERTIFICATION SERVICE (NCS)**

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The members of the Nordic Certification Service (NCS) are SGS Fimko, Intertek SEMKO in Sweden, NEMKO in Norway and UL DEMKO in Denmark. SGS Fimko, provides either all four Nordic certification marks as a package or only those you choose. A test specimen is only needed by SGS Fimko. This co-Nordic certification scheme is the oldest reciprocal agreement in the world.

## WHICH COUNTRIES RECOGNIZE NCS CERTIFICATES?

The NCS certificate issued by SGS Fimko is recognized in the Nordic countries, as well as in all the countries of the European Union, where it is considered a reliable basis for CE marking.

## WHICH PRODUCTS ARE GRANTED NCS CERTIFICATES?

The NCS applies to products for which there is a mutual standard agreed upon by the Nordic countries. Generally, a European EN standard, a worldwide IEC standard or a co-Nordic publication is used as basis for the testing. If such standards do not exist, the certification bodies can agree upon some other mutually acceptable requirements.

## TO WHOM IS THE NCS CERTIFICATE GRANTED?

All manufacturers of electrical equipment can use the NCS scheme, irrespective of producing country. The certificate can be granted to both the manufacturer and the importer.

## **CONTACT:**

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