


Hong Kong S-Mark Certification Scheme (HK-S CS)

Country	Hong Kong	 <div> Safety Regular Production Surveillance </div> <div> www.tuv.com ID 0090000000 </div>
Safety Mark:	HK S-Mark Approval	
Revision date:	01-01-2014	

1 Introduction

This document describes the procedure for preparation, submittal, evaluation and certification of products as defined in the scope for Hong-Kong S-Mark Approval.

2 Scope

TÜV Rheinland Hong Kong S-Mark certificates state compliance with Electrical Products (Safety) Regulation (EPSR).

TÜV Rheinland Hong Kong S-Mark certificates can be issued for the following product categories:

- Household Appliances complying with safety standards of series IEC 60335.
- Luminaries complying with safety standards of series IEC 60598.
- Class III audio and video equipment and power supply complying with safety standard IEC 60065.
- Class III Information technology equipment and power supply complying with safety standard IEC 60950-1.
- Transformers complying with safety standards of series IEC 61558

All **electrical products designed for household use** and **supplied in Hong Kong** are covered by the Electrical Products (Safety) Regulation. (EPSR).

The following products are **excluded** from the regulations:

1. Products for transit through Hong Kong
2. Manufactured in Hong Kong for export
3. Supplied for reconditioning
4. Supplied as scrap
5. Travel adapter

The EPSR distinguishes between **Prescribed Products** and **Non-Prescribed Products**.

“Prescribed Products” include:

1. Plugs
2. Adaptors
3. Lampholders
4. Flexible cords
5. Extension units and
6. Unvented thermal storage type electric water heaters

Household electrical products other than these 6 types of prescribed products are **“Non-Prescribed Products”**.

HKAS (Hong Kong Accreditation Service) is an organization, which is able to accredit certification bodies, laboratories and manufacturers. It has entered into a mutual recognition agreement with different accreditation bodies (A2LA, UKAS, SINGLAS, etc.).

A HKAS endorsed test certificate is accepted as the Certificate of Safety Compliance.

To comply with Hong Kong EPSR, the manufacturer or importer has to obtain test certification for Prescribed Products and Non-Prescribed as:

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Certificate of safety compliance for a **Non-Prescribed Product** which can be:

- a) Self declaration of conformity issued by the product manufacturer
- b) A declaration of conformity issued by a recognized manufacturer
- c) A certificate or test report issued by a recognized certification body

Certificate of safety compliance for a **Prescribed Product** is only accepted by a recognized manufacturer or recognized certification body as stated in b) or c).

3 Type of Approval

TUV Rheinland Hong Kong S-Mark certificate (Certificate of Safety Compliance with the right to label the products with TÜV Rheinland's safety mark) states compliance to the EPSR, made under the Electricity ordinance Cap. 406. The EPSR requires a certificate of safety compliance, which provides statutory control over the safety of all household electrical products, supplied in Hong Kong with the objective to enhance public safety in the use of these products. It became effective in May 1998 and applies to all electrical products designed for household use and supplied in Hong Kong (including those imported and manufactured locally).

Under this regulation, all household electrical products will have to comply with the "essential safety requirements" to protect users from hazards arising from the electrical products and hazards which may be caused by external influences on the electrical products.

Hong Kong S-Mark certification is based on a type 5 certification system including a type approval of the product by an ISO/IEC 17025 accredited laboratory, frequent surveillance of the manufacturers testing facilities and inspection of product samples from the factory.

4 Why do you need this mark

The EPSR stipulates that a "**certificate of safety compliance**" (*the Hong Kong S-Mark certificate is a certificate of compliance*) will have to be issued in respect of an electrical product designed for household use before it can be supplied in the market.

5 Technical country information

Rated voltage in Hong-Kong is AC 220V/50HZ.

6 Standards

For Hong Kong S-Mark certification the product has to be comply with applicable IEC/EN standards.

For Prescribed products particular requirements apply:

Relevant standards for Plugs (**Section C1.1.1 of Electrical Products (Safety) Regulation**)

Electrical Products	Standards
3-pin 5A plug	BS 546
3-pin 15A plug	BS 5733A
3-pin 13A plug	BS 1363 Part 1, BS 5733B
2-pin reversible plug from a shaver supply unit inside a bath room (e. g. electric shaver, toothbrush or epilator); BS 3535 Part 1	BS 4573, EN 50075
IEC plug (special adapter for BS 5733, BS 546 or BS 1363 Part 1)	IEC 884-1

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3-round- or rectangular pin plug	
2-round pin reversible plug for bathroom use	NO 2-flat pin plugs

Relevant standards for Flexible Cords (**Section C1.1.4 of Electrical Products (Safety) Regulation**)

7 Lead-time

The lead-time for certification decision will be 10 working days after all documents are provided. In case testing is required, the additional lead-time will depend on the product.

8 Certification Procedure

Product Evaluation

The product has to be reviewed and evaluated against the latest edition of applicable standard.

Sending of documentation

All requested documentation shall be submitted to the Certification Body TÜV Rheinland Hong-Kong Ltd.

Certification

Evaluation and review will be handled within the defined lead-time.

10 Documentation

The following documents are required for Hong Kong S-Mark certification:

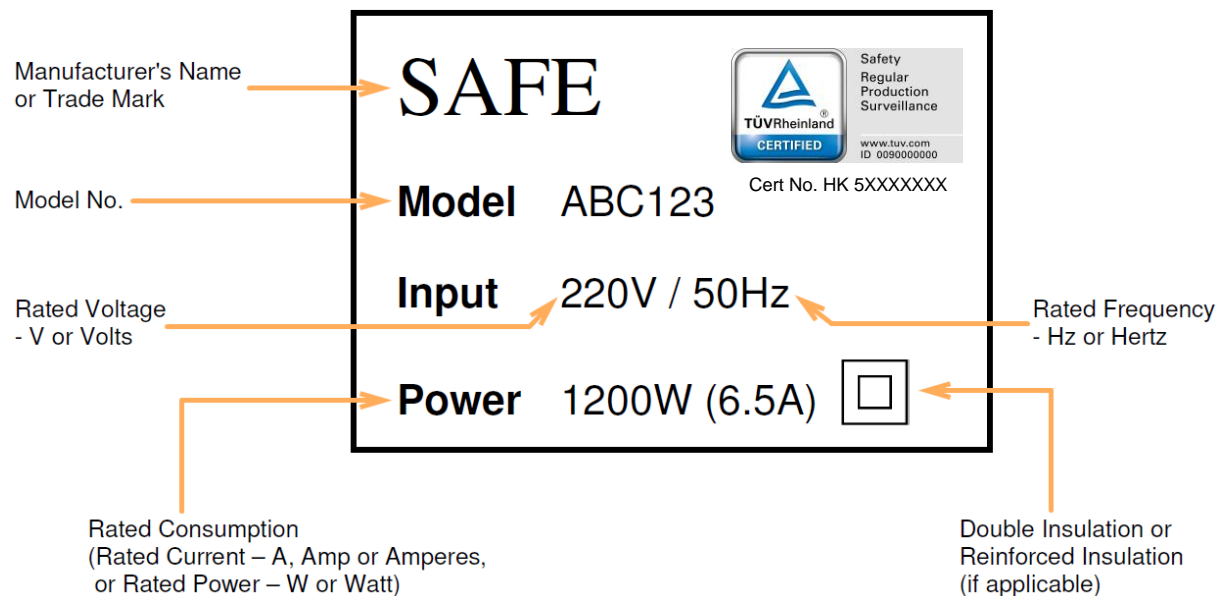
- Application form
- General Agreement
- TÜV Rheinland IEC report or
CB certificate and CB test report (not older than 3 years) with up-to-date testing standard applied
- Factory Inspection report in CIG023 format carried out by TÜV Rheinland Hong Kong Ltd.
- Rating label (*if not in test report*)
- Photo-documentation (*if not in the test report*)
- Certificates of all safety relevant components

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- User's manual in English or Chinese language
- CDF
- Circuit diagram
- Constructional drawing
- PCB layout
- Bill of Material (BOM)

11 Test Samples

Test samples are not required if provided CB/IEC test report is acceptable.
Requirements for labeling are as follows:



12 Factory Inspection

Periodic Factory Inspection is required for Hong Kong S-Mark. First and annual factory inspection shall be carried out by TÜV Rheinland Hong Kong Ltd inspector and the factory inspection report is prepared in CIG 023 format.

At the time of annual factory inspection, it has to be ensured that certified products are being manufactured. In exceptional case and with approval of TÜV Rheinland Hong Kong, the inspection can also take place during manufacturing of similar products and a sample of manufactured certified products can be taken from the warehouse for sample check.

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13 Changes in certification requirements

If certification scheme or applicable product requirements to comply with actual EPSR requirements will be changed, TRHK will inform concerned Clients about date new requirements will become effective and about any transition period. In general, the transition period is set to one year. Since the reason for the changing in certification requirement may vary, the final decision to the transition period before implementation will be decided by the head of certification in TRHK.

TRHK will advise Client about conditions to continue certification after the end of transition period. In general latest one month before the end of transition period, Client shall inform TRHK whether he likes to apply new requirements and continues certification or if certificate shall be cancelled.

- (a) Client confirms to comply with modified requirements and result of supplementary evaluation is favorable, certification body will issue a supplementary license and/or will modify certification body's records accordingly.
- (b) If Client confirms not to apply modified standard or if Client will not respond before transition period ends or if result of any necessary supplementary examination is not favorable, license shall be cancelled at the end date of transition time.

14 Marks

The mark below is registered by TÜV Rheinland Hong Kong.



- The ID under www.tuv.com "0090000000" is representing the mark as HK S-Mark. In addition, the first 10 digits of certificate number "Cert No. HK 5XXXXXXX" shall be placed on the rating label. The mark shall be visible displayed on the rating label. See the sample rating label in section 11 for reference. In case of smaller appliances the mark can be put on other place on the product itself or on the packing.
- Information about the use of test mark is published in the flyer:
[Always a Good Sign. The TÜV Rheinland Test Mark.](#)