

**MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY
ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT**

**APEC EEMRA
Information Interchange Format**

PART 1

Introduction

This format is being prepared to assist member economies participating in the APEC MRA to prepare documentation required for participation in a consistent format.

It is expected that each participating member economy would submit their information in the recommended format to the APEC Secretariat as required by the MRA.

The format is based on the Information Notes on Good Practice for Technical Regulation and therefore provides for information to be supplied for each of the regulatory regimes identified in the notes. There are 7 regimes, they are for products requiring inspection, products requiring licensing, products requiring batch testing, products requiring approval (or certification), products requiring listing or registration, supplier declarations and essential safety requirements. Participating member economies need only provide information relating to the regimes which are in force in their economy. The regimes that are not enforced by the economy need to be noted also, please indicate this by placing 'none' in the standards table on the front of each regime.

Where more than one regulatory system applies within a participating member economy information on each regulatory system should be provided separately.

The format also draws upon the survey on Conformity Assessment of Electrical and Electronic Equipment conducted by the APEC SCSC. The format includes reference to applicable international standards and uses the international convention for describing the relationship of national and international standards, i.e. IDT for identical, MOD for modified, and NEQ for not equal.

When information makes reference to documents or legislation, the documents or legislation should be available on a website for that economy or provided as part of the information supplied to the APEC Secretariat.

ECONOMY – (*Member Economy*)

APEC EEMRA Information Interchange Format

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PART I – INFORMATION EXCHANGE

Regime Overview

Electrical Products

The safety of electrical products designed for household use and supplied in Hong Kong, China is under the control of the Electrical Products (Safety) Regulation (EPSR), made under the Electricity Ordinance (EO), Cap. 406 of the Laws of Hong Kong. All electrical products within the scope of control of the EPSR shall comply with the applicable safety requirements and be issued with certificates of safety compliance, when they are supplied in Hong Kong.

In general, Hong Kong, China's mandatory requirements for electrical product safety are based on internationally accepted standards.

Battery-powered Products

The Consumer Goods Safety Ordinance (CGSO), Cap. 456 of the Laws of Hong Kong, imposes a duty on manufacturers, importers and suppliers of certain consumer goods, including the battery-powered equipment, to ensure that the consumer goods they supply are safe and for incidental purposes.

Note: For details of the above Ordinances and Regulations, please visit the internet address: <https://www.elegislation.gov.hk>.

Legislative References

Legislation Applicable	Scope of the Legislation	Government Agency
Electrical Products (Safety) Regulation of the Electricity Ordinance (Cap. 406), Laws of Hong Kong	The Electrical Products (Safety) Regulation provides statutory control over the safety of all household electrical products supplied in Hong Kong, with the objective to enhance public safety in use of these products.	Electrical and Mechanical Services Department
Consumer Goods Safety Ordinance (Cap. 456), Laws of Hong Kong	The Consumer Goods Safety Ordinance Cap. 456 applies to all consumer goods, including battery-powered equipment, that are ordinarily supplied in Hong Kong for private use or consumption (including those imported and those manufactured locally), not being goods set out in Schedule to the CGSO, and includes the packaging in which the consumer goods are supplied.	Customs & Excise Department

1. PRODUCTS REQUIRING INSPECTION

Products covered by inspection

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
None					

Diagrammatic representation or flowchart of the regime

None

Description of the Regime

None

2. PRODUCTS REQUIRING LICENSING

Products covered by licensing

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
None					

Diagrammatic representation or flowchart of the regime

None

Description of the Regime

None

3. PRODUCTS REQUIRING BATCH TESTING

Products covered by batch testing

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
None					

Diagrammatic representation or flowchart of the regime

None

Description of the Regime

None

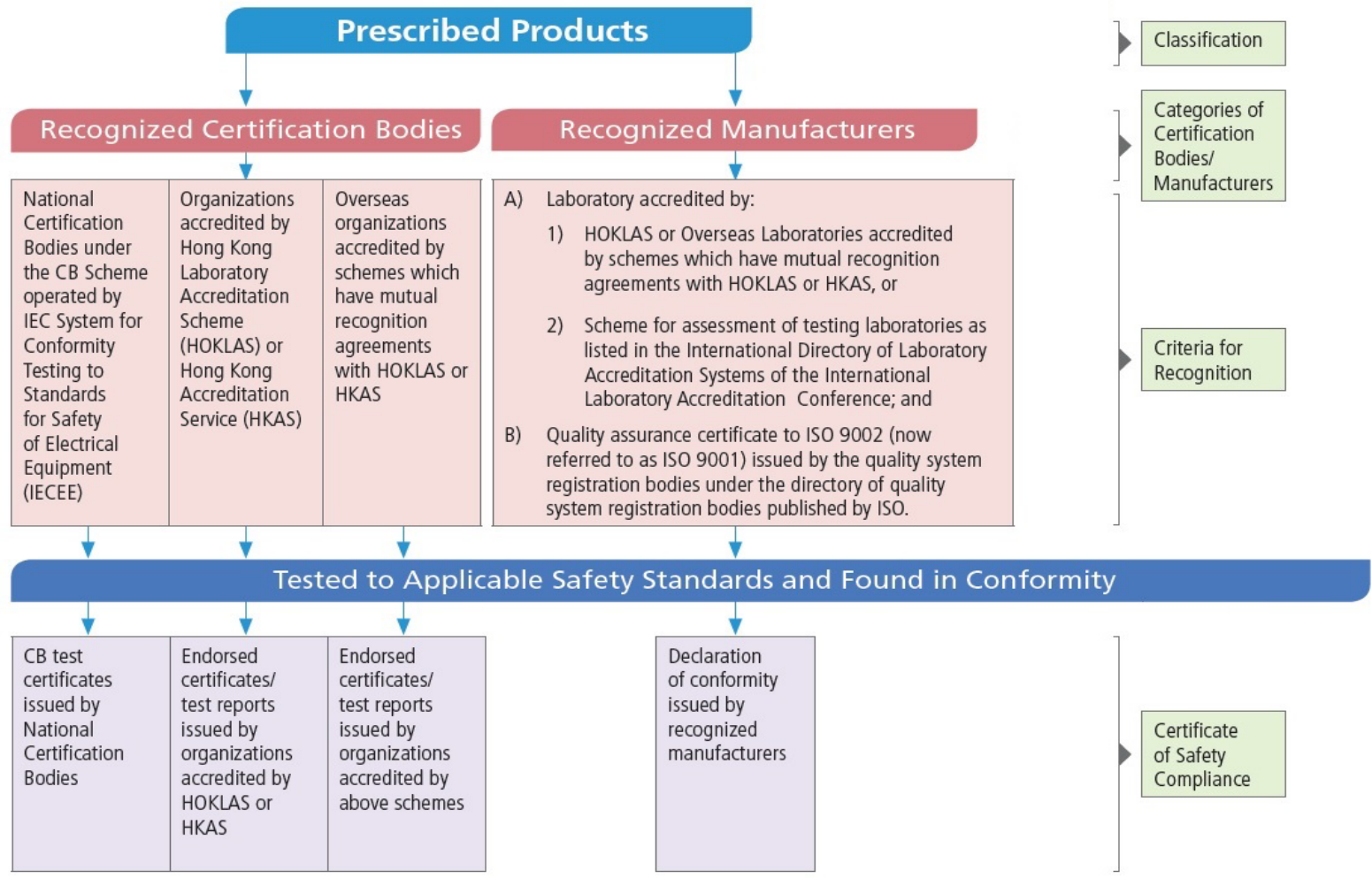
4. PRODUCTS REQUIRING APPROVAL (OR CERTIFICATION)

Products covered by certification

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
<p>Prescribed products (including plugs, adaptors, lampholders, flexible cords, extension units and unvented thermal storage type electric water heaters.)</p> <p><u>Prescribed Product</u></p> <p>1. <u>Plugs</u></p> <p>3-pin 13A plug</p> <p>3-pin 5A plug</p> <p>3-pin 15A plug</p> <p>2-pin reversible plugs which are designed for connecting to a shaver supply unit conforming to IEC 61558-2-5</p> <p>2. <u>Adaptors</u></p> <p>13A adaptor</p> <p>5A adaptor</p> <p>15A adaptor</p> <p>3. <u>Lampholders</u></p> <p>Bayonet type lampholders</p>	<p>Electrical Products (Safety) Regulation</p>	<p>Prescribed products shall comply with the applicable safety requirements (as stipulated in Part II of the Regulation) and be issued with the certificate of safety compliance.</p> <p>For a prescribed product, the following will be accepted as a certificate of safety compliance:-</p> <ul style="list-style-type: none"> - a certificate or test report issued by a "recognized certification body"; or - a declaration of conformity issued by a "recognized manufacturer". 	<p>√</p>	<p><u>Standards</u></p> <p>BS 1363-1, BS 5733</p> <p>BS 546, BS 5733</p> <p>BS 546, BS 5733</p> <p>BS 4573, EN 50075</p> <p>BS 1363-3</p> <p>BS 546</p> <p>BS 546</p> <p>IEC 60061-2, IEC 61184</p>	<p>IDT</p>

Diagrammatic representation or flowchart of the regime

Please refer to the following flowchart 1.



Flowchart 1 – Means to obtain Certificate of Safety Compliance for Prescribed Products

Description of the Regime

Testing Facilities

1. Recognized certification bodies are those certification bodies recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance in respect of specified classes of electrical products. The list of recognized certification bodies can also be found at the Internet address: https://www.emsd.gov.hk/en/electricity_safety/registers/rcbs_for_electrical_products/index.html.
2. Recognized manufacturers are those manufacturers who are recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance for the products manufactured by them. The list of recognized manufacturers can also be found at the Internet address: https://www.emsd.gov.hk/en/electricity_safety/registers/recognized_manufacturer_for_electrical_products/index.html.
3. For the criteria for applying as a recognized certification body/ recognized manufacturer, please refer “Criteria for Recognition” as shown in flowchart 1 above or visit EMSD’s homepage at https://www.emsd.gov.hk/en/electricity_safety/how_to_apply/index.html.

Approval (Certification) Agencies

Same as those shown for the above Testing Facilities.

Labeling Requirements

None

Regulatory and Legislation Requirements

Shown as flowchart 1 and required to comply with the Electrical Products (Safety) Regulation.

5. PRODUCTS REQUIRING LISTING OR REGISTRATION

Products covered by listing or registration

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
None					

Diagrammatic representation or flowchart of the regime

None

Description of the Regime

None

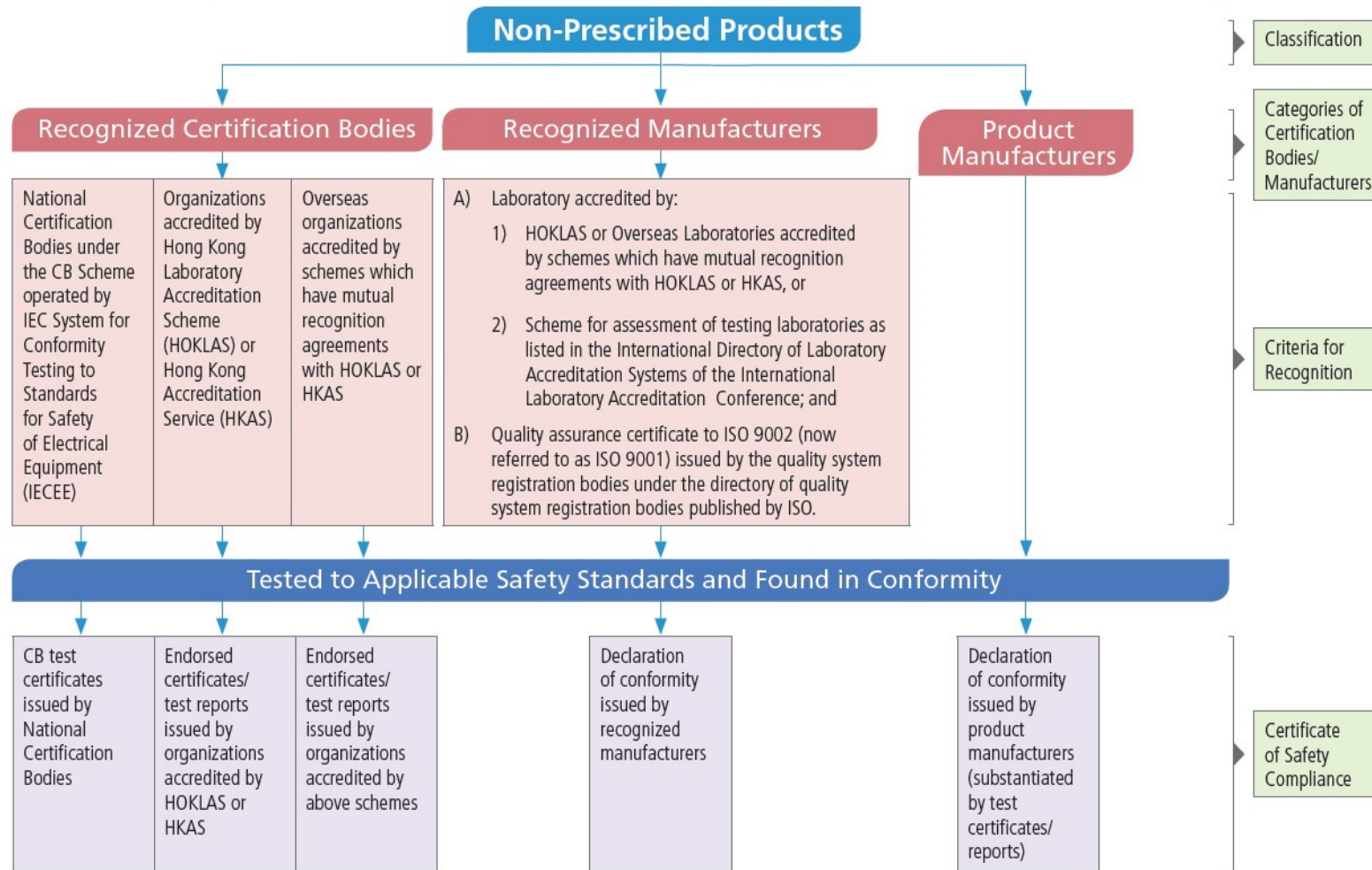
6. SUPPLIER DECLARATIONS

Products covered by supplier declarations

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
Non-prescribed products, i.e. household electrical products excluding plugs, adaptors, lampholders, flexible cords, extension units and unvented thermal storage type electric water heaters	Electrical Products (Safety) Regulation	<p>Non-prescribed products shall comply with the applicable safety requirements (as stipulated in Part II of the Regulation) and be issued with the certificate of safety compliance.</p> <p>For a non-prescribed product, the following will be accepted as a certificate of safety compliance:-</p> <ul style="list-style-type: none"> a. a declaration of conformity issued by the product manufacturer (substantiated with certificate or test report from an accredited laboratory); or b. a declaration of conformity issued by a “recognized manufacturer”; or c. a certificate or test report issued by a “recognized certification body”. 	√	Latest version of IEC standards or other compatible international/national standards	IDT

Diagrammatic representation or flowchart of the regime

Please refer to the following flowchart 2.



Flowchart 2 – Means to obtain Certificate of Safety Compliance for Non-Prescribed Products

Description of the Regime

Testing Facilities

1. Recognized certification bodies are those certification bodies recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance in respect of specified classes of electrical products. The list of recognized certification bodies can also be found at the Internet address: https://www.emsd.gov.hk/en/electricity_safety/registers/rcbs_for_electrical_products/index.html.
2. Recognized manufacturers are those manufacturers who are recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance for the products manufactured by them. The list of recognized manufacturers can also be found at the Internet address: https://www.emsd.gov.hk/en/electricity_safety/registers/recognized_manufacturer_for_electrical_products/index.html.
3. For non-prescribed products, the declaration of conformity issued by the product manufacturers and substantiated with the relevant test reports or certificates which are issued by an accredited testing laboratories can also be accepted as a certificate of safety compliance.
4. For the criteria for applying as a recognized certification body/ recognized manufacturer, please refer "Criteria for Recognition" as shown in flowchart 1 above or visit EMSD's homepage at https://www.emsd.gov.hk/en/electricity_safety/how_to_apply/index.html.

Approval (Certification) Agencies

Same as those shown for the above Testing Facilities.

Labeling Requirements

None

Regulatory and Legislation Requirements

Shown as flowchart 2 and required to comply with the Electrical Products (Safety) Regulation.

7. ESSENTIAL SAFETY REQUIREMENTS

Products covered by essential safety requirements

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
(a) Electrical products designed for household use and supplied in Hong Kong	Electrical Products (Safety) Regulation	<p>The Regulation requires that all household electrical products shall comply with the applicable safety requirements, which include the “essential safety requirements” (as stipulated in Schedule 1 of the Regulation) to protect users from hazards arising from the electrical products and hazards which may be caused by external influences on the electrical products.</p> <p>Under the Regulation, certain types of household electrical products which are of special nature and more liable to cause hazards are classified as “prescribed products”. These types of products shall comply with the “specific safety requirements” (as stipulated in Schedule 2 of the Regulation) in addition to the “essential safety requirements”. Prescribed products include plugs, adaptors, lampholders, flexible cords, extension units and unvented thermal storage type electric water heaters.</p> <p>Household electrical products</p>	√	Latest version of IEC standards or other compatible international/ national standards. In general, the essential safety requirements are stipulated to ensure that all electrical products are safe to use. The electrical products shall be designed and constructed in accordance with good engineering practice to protect their users against possible hazards that may arise.	IDT

		<p>other than these 6 types of prescribed products are considered to be “non-prescribed products”.</p> <p>For some particular types of electrical products, certain additional safety requirements are stipulated in the Regulation (as stipulated in Section 6 of the Regulation).</p> <p>The requirements are summarized as shown in flowchart 3.</p>			
(b) Battery-powered equipment	Consumer Goods Safety Ordinance, Cap. 456, Laws of Hong Kong	<p>Comply with the general safety requirement</p> <p>The general safety requirement for consumer goods is that the consumer goods are reasonably safe having regard to all of the circumstances, including –</p> <p>(a) the manner in which, and the purpose for which, the consumer goods are presented, promoted or marketed;</p> <p>(b) the use of any mark in relation to the consumer goods and instructions or warnings given for the keeping, use or consumption of the consumer goods;</p> <p>(c) reasonable safety standards published by a standards institute or similar body for consumer</p>	√	Reasonable safety standards published by a standards Institute or similar body applicable for that product	

		<p>goods of the description which applies to the consumer goods or for matters relating to consumer goods of that description; and</p> <p>(d) the existence of any reasonable means (taking into account the cost, likelihood and extent of any improvement) to make the consumer goods safer</p>			
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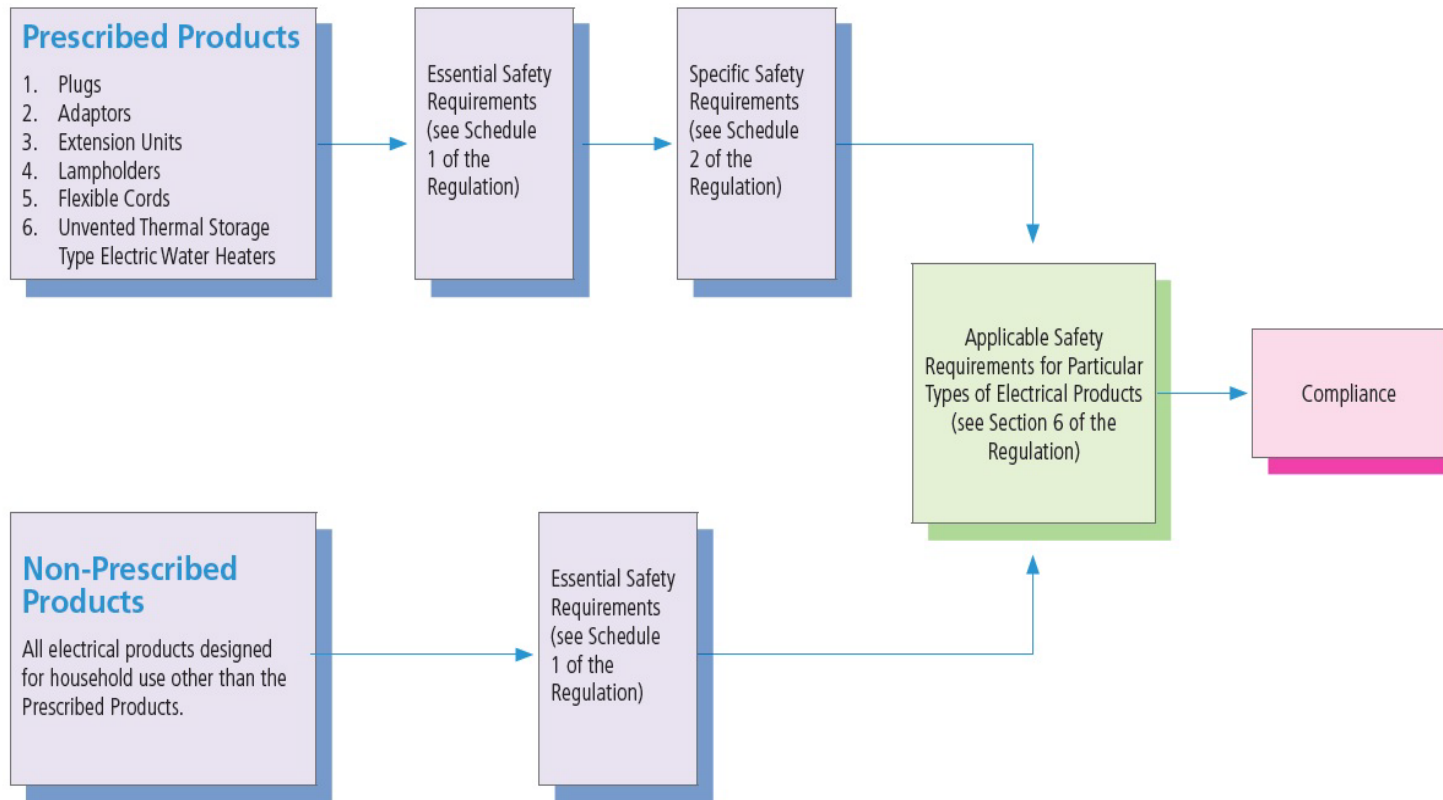
Diagrammatic representation or flowchart of the regime

(a) Electrical Products

Please refer to the flowcharts 1, 2 and 3.

(b) Battery-powered Equipment

A person shall not supply, manufacture or import into Hong Kong consumer goods, including battery-powered equipment, unless the consumer goods comply with the general safety requirement for consumer goods.



Flowchart 3 – Safety Requirements

Description of the Regime

Testing Facilities

(a) Electrical Products

1. Recognized certification bodies are those certification bodies recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance in respect of specified classes of electrical products. The list of recognized certification bodies can also be found at the Internet address:
https://www.emsd.gov.hk/en/electricity_safety/registers/rcbs_for_electrical_products/index.html.
2. Recognized manufacturers are those manufacturers who are recognized by the Electrical and Mechanical Services Department (EMSD) of the Government of Hong Kong Special Administrative Region as qualified to issue certificates of safety compliance for the products manufactured by them. The list of recognized manufacturers can also be found at the Internet address:
https://www.emsd.gov.hk/en/electricity_safety/registers/recognized_manufacturer_for_electrical_products/index.html.
3. For non-prescribed products, the declaration of conformity issued by the product manufacturers and substantiated with the relevant test reports or certificates which are issued by an accredited testing laboratories can also be accepted as a certificate of safety compliance.
4. For the criteria for applying as a recognized certification body/ recognized manufacturer, please refer “Criteria for Recognition” as shown in flowcharts 1 and 2 above or visit EMSD’s homepage at
https://www.emsd.gov.hk/en/electricity_safety/how_to_apply/index.html.

(b) Battery-powered Equipment

Traders may have their consumer goods tested by an approved laboratory to determine whether the goods comply with reasonable safety standards. Approved laboratories are those laboratories approved in writing by the Commissioner for Innovation and Technology. They include those accredited under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) and those accredited under the schemes with which HOKLAS has concluded Mutual Recognition Arrangement (MRA).

Approval (Certification) Agencies

Same as those shown for the above Testing Facilities.

Labeling Requirements

(a) Electrical Products

None

(b) Battery-powered Equipment

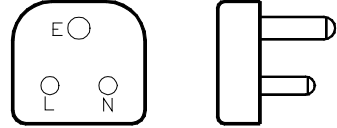
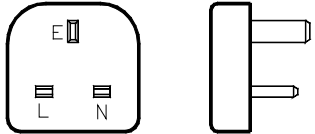
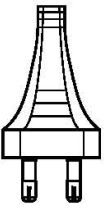
In general, there is no labelling requirement for consumer goods. Yet, if warning or caution with respect to the safe keeping, use, consumption or disposal of the goods is required, such warning or caution shall be in both the English and the Chinese languages.

Regulatory and Legislation Requirements

(a) Electrical Products

Shown as flowcharts 1, 2, 3 and required to comply with the Electrical Products (Safety) Regulation.

Mains Voltage, Frequency and Mains Plug Configuration

Mains Voltage, Frequency and Mains Plug Configuration				
Mains Voltage and Tolerance	Mains Frequency And Tolerance	Mains Plug Configuration		
		Types of Plug	Tick if mandatory	Diagram of Mains Plug Configuration
220 volts single phase tolerance +/-6%	50 Hz +/- 2%	3-round-pin 5A/3-round-pin 15A plug: BS 546	√	 <p style="text-align: center;"><u>15A PLUG</u></p>
		3-rectangular-pin 13A plug: BS 1363-1	√	 <p style="text-align: center;"><u>13A FUSED PLUG</u></p>
		2-pin reversible plugs which are designed for connecting to a shaver supply unit conforming to IEC 61558-2-5: BS 4573, EN 50075	√	
380 volts three phase tolerance +/-6%	50 Hz +/- 2%	No specific plug		

