

PART II SAFETY REQUIREMENTS

B.4. Essential safety requirements for electrical products

- (1) All electrical products shall comply with the essential safety requirements specified in Schedule 1 of the Regulation which are elaborated in Section C.2 of the Notes.
- (2) In general, the essential safety requirements are stipulated to ensure that all electrical products that are designed for household use and supplied in Hong Kong 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.
- (3) It is the responsibility of the suppliers to ensure that the electrical products they supplied are in compliance with the applicable safety requirements of the Regulation. As a reference for the suppliers, electrical products that conform to the safety provisions of the relevant international/national standards listed in Section C.1 of the Notes will be taken to satisfy with the applicable safety requirements of the Regulation. The list will be updated and published by the Director from time to time and will be available for public inspection at the EMSD.
- (4) The standards listed in Section C.1 of the Notes are not exhaustive. Electrical products complying with standards other than those listed may also be able to satisfy the applicable safety requirements of the Regulation. For electrical products manufactured to standards other than those listed, the Director may require the suppliers to provide documentary proof to substantiate that the products are in compliance with the applicable safety requirements of the Regulation and/or the standards are compatible with the relevant standards listed in Section C.1 of the Notes. The documentary proof should include copies of the standards, the test reports of the products, and technical reports showing that the products are in compliance with the applicable safety requirements of the Regulation and/or the standards are compatible with the relevant standards listed in Section C.1 of the Notes.
- (5) Electrical products that do not conform to any standards, perhaps because they are innovative products, must nevertheless comply with the applicable safety requirements of the Regulation. Manufacturers and suppliers of such products will have to ensure that the electrical products are in compliance with the applicable safety requirements of the Regulation and/or the products are manufactured and tested to a safety level which is compatible with the relevant safety standards listed in the Notes. The manufacturers and suppliers may be required by the Director to provide documentary proof, including test reports and/or technical reports, to substantiate the compliance.

B.5 Specific safety requirements for prescribed products

- (1) In addition to the essential safety requirements, all prescribed products shall comply with the corresponding specific safety requirements specified in Schedule 2 of the Regulation which are elaborated in Section C.3 of the Notes so as to ensure that the products are safe for normal use in Hong Kong. The following electrical products are classified as prescribed products under the Regulation:-
- (A) Plugs;
 - (B) Adaptors;
 - (C) Lampholders;
 - (D) Flexible Cords;
 - (E) Extension Units; and
 - (F) Unvented Thermal Storage Type Electric Water Heaters.
- (2) Under the provisions of the Electricity Ordinance (CAP. 406), the Secretary for the Environment may amend the Schedules of the Regulation, and revise the list of prescribed products to include those electrical products of special nature that require certain specific safety requirements in addition to the essential safety requirements. The revised list of prescribed products will be announced through gazetting for public information. A grace period will normally be allowed before such amendments/revisions are brought into effect for the industry and the public to accustom to the new safety requirements.