

Guidelines for Series Approval of Products for Implementation of “Electronics and Information Technology Goods (Requirements for Compulsory Registration) Order, 2012” – Phase IV

1. Item No. 45: Standalone LED Modules for General Lighting:

- Same Enclosure except for differences of decoration
- Same design and layout of PCB of LED module
- Same Type of LED module e.g. Independent, Built in or Integral
- Same IP category
- Same class of construction (Class I, Class II or Class III)
 - With integral type Electronic Control Gear
 - Same rated input voltage
 - Same rating of ballast (LED Control Gear)/Driver Circuit
 - Same mains PCB design and layout
 - without Integral Electronic Control Gear
 - Same input rated voltage / rated current/ rated power

Note: Maximum 20 models can be included in a series

2. Item No. 46: Rope Lights

- Same class of construction of luminaire
- Same AC/DC input voltage of Registered Electronic Control Gear having R. Number (information to be provided)

Or

- Same AC/DC input voltage in case of integral type Electronic Control Gear (i.e. without casing)

Or

- Same input rated voltage / rated current (if without Driver /Electronic Control Gear)
- Same material for enclosure except for differences of decoration parts
- Same IP category

Note: Maximum 20 models can be included in a series

3. **Item No. 47: Keyboard**

- Same Enclosure except for differences of decoration parts
- Same rated Input voltage
- Same PCB design layout
- Same IP rating

Note: Maximum 10 models can be included in a series

4. **Item No. 48: Induction Stove [up to a range of output power rating will be accommodated in the series, provided]**

- Same Input voltage rating.
- Same PCB design layout and class of construction.
- Same Enclosure except for differences of decoration.
- Power transformer: Same design and insulation system (if applicable)
- Same IP rating

Note: Maximum 10 models can be included in a series

5. **Item No. 49: Automatic Teller Cash dispensing machines**

- Same functionalities e.g. cash dispensing, cash deposit etc.
- Same rated input voltage
- Same rated current/wattage
- Same class of construction
- Same mains layout or same SMPS Board layout
- Power Transformer: Same design and insulation system
- Same enclosure except for differences of decoration parts
- Same type and rating of Battery and capacity (if applicable)
- Same IP rating

Note: Maximum 10 models can be included in a series

6. **Item No. 50: USB Type External Hard Disk Drive**

- Same HDD form factor
- Same rated input voltage

- Same Enclosure except for differences of decoration parts.
- Same IP rating.
- Same PCB design.

Note: Maximum 10 models can be included in a series

7. **Item No. 51: Wireless Headphone and Earphone**

- Same type (over the ear or in the ear)
- Same type of charging (USB /charging case/wireless).
- Same rating of battery [registered batteries for headphone/earphone].
- Same rating of battery of charging case [registered batteries for charging case], if applicable.
- Same Enclosure material except for differences of decoration parts.
- Same IP rating
- Registered power bank/adaptor with the same output rating to input of headphone/earphone.
- The change in location of buttons may be accepted subject to the lab ensures that it does not have effect the safety.

Note: Maximum 10 models can be included in a series

8. **Item No. 52: USB Type External Solid-State Storage Devices (above 256 GB capacity) [up to a range of current rating will be accommodated in the series, provided]**

- Same SSD form factor
- Same rated input voltage
- Same Enclosure except for differences of decoration parts.
- Same IP rating.
- Same PCB design.

Note: Maximum 10 models can be included in a series

9. **Item No. 53: Electronic Musical System with input power below 200 Watts**

- Same Mains PCB layout or same SMPS board layout.
- Same enclosure except for differences of decoration parts.
- Power Transformer: Same design and insulation system, if applicable
- Same Class of construction
- Same rating of battery, if applicable
- Same IP rating

- Registered adaptor of same rating, if applicable.
- The change in location of buttons may be accepted subject to the lab ensures that it does not have effect the safety.

Note: Maximum 10 models can be included in a series

10. Item No. 54: Standalone Switch Mode Power Supplies (SMPS) with output voltage 48 V (max) [up to a range of output power rating will be accommodated in the series, provided]

- Same Input voltage rating
- Same nos and levels of output voltage
- Same mains PCB design layout
- Same enclosure except for differences of decoration parts.
- Power Transformer: Same design, rating and insulation system.
- Same IP rating
- Same Class of construction

Note: Maximum 10 models can be included in a series

11. Item No. 55: Television other than Plasma/ LCD/LED TVs

- The change in location of buttons may be accepted subject to the lab ensures that it does not have effect the safety.

[With built in adapter]

- Same Input voltage rating and current
- Same Mains layout or same SMPS board layout.
- Same enclosure except for differences of decoration parts.
- Power Transformer: Same design and insulation system
- Same IP rating

[With External adapter]

- Registered adapter of same rated input voltage and output current.
- same enclosure except for decorative parts.
- Same IP rating

[CRT]

- Same Input voltage rating and current
- Same Mains layout or same SMPS board layout

- Power Transformer: Same design and insulation system
- same enclosure except for decorative parts.
- same high voltage layout.
- Same IP rating

Note: Maximum 10 models can be included in a series

12. Item No. 56: Rice Cooker [up to a range of output power rating will be accommodated in the series, provided]

- Same Input voltage.
- Same PCB design layout and class of construction.
- Same Enclosure except for differences of decoration.
- Power transformer: Same design and insulation system (if applicable)
- Same IP rating

Note: Maximum 10 models can be included in a series

Guidelines for Quantitative Selection of Samples

- Worst case configuration from Safety Design consideration must be selected for testing.
- Maximum number of models accommodated in a series are given at the end of series guidelines for each product category.
