

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

1. Item No. 32 : Recessed LED Luminaries

Product	Upto a range of rated power will be allowed in the series, provided
Recessed LED Luminaries	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED

2. Item No. 33: LED Luminaries for road and street Lighting

Product	Upto a range of rated power will be allowed in the series, provided
LED Luminaries for road and street lighting	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED • Same rating of surge protective device • Same ambient temperature rating • Same IP category

3. Item No. 34: LED Flood Lights

Product	Upto a range of rated power will be allowed in the series, provided

LED Flood Lights	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED • Same surge protective device • Same ambient temperature rating • Same IP category
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4. Item No. 35: LED Hand Lamps

Product	Upto a range of rated power will be allowed in the series, provided
LED Hand Lamps	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED

5. Item No. 36: LED Lighting Chains

Product	Upto a range of rated power will be allowed in the series, provided
LED Lighting Chains	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED • Same IP category

6. Item No. 37: LED Luminaries for Emergency Lighting

Product	Upto a range of output power rating will be accommodated in the series, provided
LED Luminaries for Emergency Lighting	<ul style="list-style-type: none"> • Same class of construction & input rated voltage of control gear in case of registered electrical control gear • Same AC/DC input voltage & layout / schematic and construction in case of open control gear • Same power rating of LED • Same enclosure & cover material of LED • Same type of battery • Same battery nominal voltage & Capacity • Same output voltage & current rating of adapter complying to IS 302.

7. Item No. 38: UPS/Inverters of rating ≤ 10KVA

Basic Configuration	Grouping as one series provided product has
UPS/Inverters of rating ≤ 10KVA	<ul style="list-style-type: none"> • Same rated input voltage • Same rated output voltage • Same frequency and number of phases at input/output • Same cabinet design and class of construction • Same power transformer rating and design • Same PCB design and layout • Same battery bus voltage

8. Item No. 39: Plasma/LCD/LED/Television Screen size up-to 32"

Basic Configuration	Grouping as one series provided product has
Plasma/LCD/LED/Television Screen size up-to 32" With in-built adapter	<ul style="list-style-type: none"> • Same Mains layout or same SMPS board layout. • Same enclosure except for differences of decoration parts. • Power Transformer: Same design and insulation system
With external adapter	<ul style="list-style-type: none"> • Registered adaptor of same rated input voltage and output current. • Same Mains layout or same SMPS board layout.

	<ul style="list-style-type: none"> • Same enclosure except for differences of decoration parts. • Power Transformer: Same design and insulation system
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9. Item No. 40: Visual Display Units, Video Monitors of Screen Size up-to 32"

Product	Grouping as one series provided product has
Visual Display Units, Video Monitors of Screen Size up-to 32"	<ul style="list-style-type: none"> • Same Mains layout or same SMPS board layout. • Same enclosure except for differences of decoration parts. • Power Transformer: Same design and insulation system

10. Item No. 41: CCTV Cameras / CCTV Recorders

Product	Grouping as one series provided product has
CCTV Camera	<ul style="list-style-type: none"> • Same input voltage & current rating of power source/registered adapter • Same enclosure except for differences of decoration parts. • Same PCB layout • Same IP rating
CCTV recorder with external adapter	<ul style="list-style-type: none"> • Same input voltage & current rating of power source/registered adapter • Same enclosure except for differences of decoration parts. • Same PCB layout
CCTV Recorder with internal power supply	<ul style="list-style-type: none"> • Same Mains layout or same SMPS board layout. • Same enclosure except for differences of decoration parts

	<ul style="list-style-type: none"> • Power Transformer: Same design and insulation system
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11.Item No. 42: Adaptors for Household and similar electrical appliances

Product	Grouping as one series provided product has
Adaptors for Household and similar electrical appliances	<ul style="list-style-type: none"> • Same class of construction • Same rated input voltage • Same Main PCB design Layout and transformer

12.Item No. 43: USB Driven Barcode Reader, Barcode Scanner, Iris scanners, Optical fingerprints scanners

Product	Grouping as one series provided product has
USB Driven Barcode Reader, Barcode Scanner, Iris scanners, Optical fingerprints scanners	<ul style="list-style-type: none"> • Same input voltage and current • Same battery nominal voltage and capacity • Same enclosure except for differences of decorative parts

13.Item No. 44: Smart Watches

Product	Grouping as one series provided product has
Smart Watches (with or without display)	<ul style="list-style-type: none"> • Same input voltage and current • Same enclosure except for differences of decorative parts • Same battery nominal voltage and capacity • Same rated input voltage, class of construction of adapter • Adapter to be BIS registered with same rated input voltage with/without display in separate series.
	<ul style="list-style-type: none"> • Smart watches with SIM are covered under the mobile phones category.

➤ **Guidelines for Quantitative Selection of Samples**

Number of samples selected for testing from a series shall be **one for every ten models** in the series. However, **worst case configuration from Safety Design consideration** must be selected for testing.