

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 of luminaire. • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure

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 of luminaire • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure • 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 of luminaire • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure

	<ul style="list-style-type: none"> • 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 of luminaire • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure

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 of luminaire • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure • 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 of luminaire • Registered electronic control gear having R.number (information to be provided) • Same AC/DC input voltage in case of integral type electronic control gear (i.e. without casing) • Same material for enclosure • Same type of battery • Same battery nominal voltage & Capacity

	<ul style="list-style-type: none"> • Same output voltage & current rating of adapter complying to IS 302.
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7. Item No. 38: UPS/Inverters of rating \leq 10KVA

Basic Configuration	Grouping as one series provided product has
UPS/Inverters of rating \leq 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. • Same enclosure except for differences of decoration parts. • Power Transformer: Same design and insulation system

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	Upto a range of max wattage & maximum IR will be included in series provided
CCTV Camera	<ul style="list-style-type: none"> • Same voltage • Same IP rating • Same PCB layout • Similar enclosure material except for differences of decoration parts. • Same enclosure shape
CCTV Recorder with internal power supply	<ul style="list-style-type: none"> • Same Mains layout or same SMPS board layout. • Same enclosure material except for differences of decoration parts • Power Transformer: Same design and insulation system

CCTV recorder with external adapter	<ul style="list-style-type: none"> • Same input voltage & current rating of power source/registered adapter • Same PCB layout • Same enclosure material except for differences of decoration parts.
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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. <i>However, smart watch, with SIM facility, which do not have text input capability would fall under category of smart watch.</i>

➤ **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.
- For Item No. 32-37, a series may consist of upto 20 models.