

The Draft Guidelines for Series Approval of Products for Implementation of “Electronics and Information Technology Goods (Requirements for Compulsory Registration) Order, 2012” are given in the following pages.

These guidelines are for review by the stakeholders.

It is expected that the stakeholders would offer their comments and suggestions, if any, by 21 January 2013 to through post or e-mail to

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

“Electronics and Information Technology Goods (requirements for Compulsory Registration) Order, 2012” has been notified and comes into effect from 03 April 2013. With the implementation of above mentioned order, the manufacturers are required to register themselves and their products with BIS.

However, with the notification of the order, many technical issues have been raised by the manufacturers. To resolve issues where technical clarifications are needed or subjectivity is involved, DeitY has constituted a Technical Advisory Committee vide order no. 8(14)/2006-IPHW(Vol. IV) dated 12.10.2012 to provide clarifications / recommendations

There are a group of products which have minor difference - mostly cosmetic in nature - but still identified differently by model numbers. In order to optimise the process of testing and economise the process, these guidelines are issued for series formation. These guidelines are generic in nature and hence not expected to be appropriate for every situation. Specific instances where the above guidelines could not be applied could be referred to appropriate authority in DeitY for resolution.

General Guidelines

1. Definition of Product Family

A **product family** can be defined by the maximum configuration of components / sub-assemblies plus a description of how the models are constructed from the maximum configuration using these components and sub-assemblies.

All models which are included in the **family** typically have common design, construction, parts, or assemblies essential to ensure conformity with applicable requirements.

If a product standard defined a **product family**, in the context of the specific standard, this definition takes over.”

2. General Guidelines for Quantitative Selection of Samples for approval of series

For equipment, the range of products shall be classified according to variation in basic design.

1. Number of samples picked up from series could be **one** in case of series consisting of **three models**.
2. It shall not be less than **two** types for a series consisting of **upto five models**.
3. It shall be **three** types for a series of containing **more than five models**.
4. Worst case configuration from Safety Design consideration must be picked up for testing.

Specific Guidelines

1. Electronic Games (Video)

Series 1	Hand held consumable non-rechargeable battery	<ul style="list-style-type: none"> • Same Power supply layout • Same chasis • Same power requirement and size / type of battery
Series 2	Rechargeable battery with external charging facility	<ul style="list-style-type: none"> • Same chasis • Same re-chargeable battery • Same Charger
Series 3	Mains operated with internal re-chargeable battery	<ul style="list-style-type: none"> • Same mains layout • Same enclosure • Same chasis • Same re-chargeable battery • Same processor / speed
Series 4	Mains operated - without battery	<ul style="list-style-type: none"> • Same mains layout • Same enclosure • Same processor / speed

2. Laptop / Notebook / Tablets

Here the series will be governed by -

- Same Power Adaptor
- Same enclosure
- Same Processor / speed
- Same PCB layout
- Same Battery

3. Plasma/LCD/LED Televisions of screen

Series formation will be governed by -

- Same Mains layout
- Same enclosure
- Power Transformer : Same design and insulation system

4. Optical Disc Players With built in amplifiers of input power 200W and above

Series formation will be governed by -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

5. Microwave Ovens

Series formation will be governed by -

- Same Input Power rating
- Same Mains layout / Power Supply
- Same Enclosure
- Same Magnetron power

6. Visual Display Units, Video Monitors of screen

Series formation will be governed by -

- Same Mains layout
- Same enclosure
- Power Transformer : Same design and insulation system

7. Printers, Plotters

Series formation will be based upon -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

8. Scanners

Series formation will be based upon -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

9. Wireless Keyboards

Series formation will be based upon -

- Same Enclosure
- Same Battery

10. Telephone Answering Machines

Series formation will be based upon -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

11. Amplifiers with input power 2000W and above

Series formation will be based upon -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

12. Electronic Musical Systems with input power 200W and above

Series formation will be based upon -

- Same Mains layout
- Same enclosure
- Power Transformer : Same design and insulation system

13. Electronic Clocks with Mains Power

Series formation will be governed by -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout• Mounting Mechanism
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system• Mounting Mechanism

14. Set Top Box

Series formation will be governed by -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system

15. Automatic Data Processing Machine

As per the list to be developed as acceptable to be considered as “Automatic Data Processing Machines” the series formation will be based upon -

Series 1	With power adaptor	<ul style="list-style-type: none">• Same Power Adaptor• Same enclosure• Same PCB layout
Series 2	Mains operated with internal power supply	<ul style="list-style-type: none">• Same Mains layout• Same enclosure• Power Transformer : Same design and insulation system