## CONSTRUCTION DATA FORM (CDF) FOR ADAPTERS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Factory name & Address | |  | | |
| Test Item | |  | | |
| Trade Mark / Brand | |  | | |
| Model / Type Reference | |  | | |
| Rated current (A) / Rated voltage (V) | | A /       V | | |
| Overall size of the equipment | | Length:       Breadth:       Height: | | |
| Mass of the equipment | | Kg | | |
| Marked degree of protection to IEC 60529 | | IP | | |
| Series Formation Basis, if applicable   * Same rated input voltage * Same class of construction * Same mains PCB design layout and transformer | | Models included in this series | |  |
| Similarities | |  |
| Differences | |  |
| Worst Case | |  |
| Max. Accessories used | |  |
| Model / sample submitted for testing | |  |
| Please provide | * Schematic Diagram * PCB Layout as gerber or 1:1 PDF * Instruction for dis-assembly * Rating Label (1 extra sample) * Extra Fuses / GD Tubes / MOVs / X or Y Capacitors (10 each) if used | | * Mains / SMPS board layout & circuit diagram * Enclosure drawing with material details * Power transformer design | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| List of Safety Critical Components and Materials (Laptop/Notebook/Tablet) | | | | | | |
| Object/Part  No. | Manufacturer/  Trademark | Type/Model | Technical  Data | Standard | Mark(s) of  Conformity | Test  Report |
| Enclosure , if  of insulating  Material |  |  |  |  |  |  |
| Bridging  Resistor in  Primary  Circuit, if used |  |  |  |  |  |  |
| Capacitors  and RC-units  if used |  |  |  |  |  |  |
| RF Suppression  X-Y Capacitor if used |  |  |  |  |  |  |
| Inductor if  used |  |  |  |  |  |  |
| MOV/VDR if used |  |  |  |  |  |  |
| SMPS /Mains  Transformer if used |  |  |  |  |  |  |
| PCB Material |  |  |  |  |  |  |
| Non-  rewirable Plug  With PVC  Sheathed  Cable |  |  |  |  |  |  |
| Appliance  Connector/  Inlet, if used |  |  |  |  |  |  |
| Internal Wire |  |  |  |  |  |  |
| LEDs, if  LASER Class  applicable |  |  |  |  |  |  |
| Op-to Coupler,  if used |  |  |  |  |  |  |
| EMI/EMC  Filter |  |  |  |  |  |  |
| Fuse |  |  |  |  |  |  |
| Fuse Holder (If used) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

*The sample submitted should be a complete unit with Adapter, Additional Mains Adapter &Additional enclosure if feasible, Circuit Schematic Diagram, Block Diagram, PCB Layouts, Real time clock battery details with its protective, Accessible ports, Any special construction / additions, List*