

Annex B

(informative)

Declaration of product environmental attributes


Product Category

| | | | | | | | | | |
|-----------------------------|--------------------------------------|-------------------------------|------------------------------|---------------------------------------|-----------------------------------|------------------------------------|--------------------------------|--|---------------------------------|
| <input type="checkbox"/> PC | <input type="checkbox"/> Monitor | <input type="checkbox"/> TV | <input type="checkbox"/> VCR | <input type="checkbox"/> Mobile Phone | <input type="checkbox"/> NoteBook | <input type="checkbox"/> Camcorder | <input type="checkbox"/> Hi-fi | <input type="checkbox"/> Printer/copier | <input type="checkbox"/> Others |
| | <input type="checkbox"/> Monitor* | <input type="checkbox"/> TV** | | | | | | <input type="checkbox"/> Printer/copier*** | |
| | <input type="checkbox"/> Without fan | | | | | | | | |

*CRT monitors **Digital and Internet TV ***Using the electrostatic process

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1 Product Information / Description

| | | |
|---|--|--|
| Brand Type of Product Commercial Name Model Number Weight Dimension Supplier <Name> <Postal address> Postal code/City/Country e-mail <Contact person's name> e-mail Telephone Mobile phone Fax Internet site (URL) Additional Information | Sharp | Company Logo  |
| | LCD Colour TV | |
| | LC-32GA6E | |
| | LC-32GA6E | |
| | 19,500 kg | |
| | <h> 64 cm x <w> 80 cm x <d> 31 cm | |
| | Sharp Electrónica España, S.A. | |
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Environmental Programme Requirements conformed by the supplier

| | |
|-------------------------|-------------------------------|
| Programme names | 1 Energy using Products (EuP) |
| <i>e.g. Energy Star</i> | 2 |
| <i>e.g. TCO 03</i> | 3 |

Environmental Management Systems under which the product has been developed, manufactured and / or delivered.

| | |
|-----------------------|-------------|
| System names | 1 ISO 14001 |
| <i>e.g. ISO 14001</i> | 2 EMAS |
| <i>e.g. EMAS</i> | 3 |

Product Environmental Attributes - Legal Requirements

Requirement met
Yes No n.a.

| | | |
|--|--|---|
| 4 Electromagnetic Emissions | | |
| The product complies with the following emission requirements, listing the applicable legislation and standards referring to human exposure to electromagnetic fields for example: | | |
| 4.1 | ICNIRP levels as documented in European council recommendation on the limitation of exposure of the general public to electromagnetic fields 1999/519/EC ; | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 4.2 | prEN 50392 'Generic standard to demonstrate compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz - 300 GHz)' | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 8 Batteries | | |
| The batteries are in conformance with international, regional and national regulations, concerning: | | |
| 8.1<a> | Restrictions on hazardous substances and preparations such as defined in the 98/101/EC directive. | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 8.2 | Labelling requirements such as defined in the 93/86/EEC . | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 8.3<c> | Installation and removal. | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 8.4<d> | Take back and recycling. | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 9 Product Packaging | | |
| The packaging is in compliance to international, regional and national regulations, concerning: | | |
| 9.2<a> | Restrictions on hazardous substances and preparations such as defined in the EU Directive 94/62/EEC (requiring that the sum of the concentration of lead, cadmium, mercury, chromium-VI does not exceed 100 ppm by weight); | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 9.3 | Labelling requirements. | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 9.4<c> | Take back and recycling. | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 11 Product End of Life | | |
| 11.1.1 Product take back systems complies with the applicable legislations. | | |
| Legislation names | 1 Directive 2002/96 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | 2 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | 3 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 11.2 Disassembly | | |
| 11.2.1 Parts that have to be separately treated are declared to be separable, in compliance with international, regional and national regulations; | | |
| Regulation names | 1 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | 2 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | 3 | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |

This product meets above listed legal requirements.

Product Environmental Attributes - Market Requirements

2 Extension of Product Lifetime

| | | |
|-----|--|----------------------------------|
| 2.1 | The product is upgradable as follows; <i>e.g. memory up to 512 MB</i> | |
| | <attribute> up to <unit> | <attribute> up to <unit> |
| 1 | <input type="text"/> | 6 <input type="text"/> |
| 2 | <input type="text"/> | 7 <input type="text"/> |
| 3 | <input type="text"/> | 8 <input type="text"/> |
| 4 | <input type="text"/> | 9 <input type="text"/> |
| 5 | <input type="text"/> | 10 <input type="text"/> |
| 2.2 | The manufacturer offers spare parts availability | 7 years after end of production. |
| 2.3 | The manufacturer offers service availability | 7 years after end of production. |
| 2.4 | The manufacturer offers warranty | 2 years |
| | The service warranty / policy is as follows | |
| 1 | Spanish law 23/2003 | |
| 2 | <input type="text"/> | |
| 3 | <input type="text"/> | |
| 2.5 | Restrictions for spare parts and service availability are as follows (if they are restricted); | |
| 1 | Electronic parts: spare parts availability is 7 years years after end of production. | |
| 2 | Mechanical parts: spare parts availability is 5 years years after end of production. | |
| 3 | Decorative parts: spare parts availability is 4 years years after end of production. | |

3 Power Consumption

| | | | |
|-----|--|------------------------------------|------------------------------|
| 3.1 | Power consumption in watts (rms) for ENERGY USING MODES | | |
| | For the product the following power consumption has been measured: | | |
| | <mode> <i>e.g. Play, stand-by passive</i> | <standard / applied test protocol> | <power> |
| 1 | off mode (AC unplug) | Measurement | 0,000 [watts] |
| 2 | off mode (AC plug) | Measurement | 0,300 [watts] |
| 3 | stand-by | Measurement | 0,800 [watts] |
| 4 | on mode | EN 62087:2002 | 58,00 [watts] |
| 5 | <input type="text"/> | <input type="text"/> | <input type="text"/> [watts] |
| 6 | <input type="text"/> | <input type="text"/> | <input type="text"/> [watts] |
| 7 | <input type="text"/> | <input type="text"/> | <input type="text"/> [watts] |
| | <i>Some example modes are; operational modes, inactive modes, off mode and no load mode.</i> | | |

4 Electromagnetic Emissions

| | | |
|-----|---|-----------------------------------|
| 4.3 | The product comlies with the limits defined in: | |
| | <standard / programme> | <i>e.g. MPR II-1990:8, TCO'99</i> |
| 1 | EN55013 / EN55020 | |
| 2 | EN55022 / EN55024 | |
| 3 | EN61000-3-2 / EN61000-3-3 | |

5 Noise Emissions

| | | | | |
|-----|--|--|----------------------------|------------------------------|
| 5.1 | declared sound power and sound pressure levels | | | |
| | Sound power levels L_{WA_d} | Sound pressure levels L_{pAm} | | |
| | | Location | <input type="text"/> | |
| | | Position of the unit | <input type="text"/> | |
| | | Distance | <input type="text"/> | [m] |
| | <operational mode> <i>e.g. HDD access</i> | <description> | <level> L_{WA_d} | <level> L_{pAm} |
| 1 | n.a. | n.a. | n.a. [bel] | n.a. [dB(A)] |
| 2 | <input type="text"/> | <input type="text"/> | <input type="text"/> [bel] | <input type="text"/> [dB(A)] |
| 3 | <input type="text"/> | <input type="text"/> | <input type="text"/> [bel] | <input type="text"/> [dB(A)] |
| 4 | <input type="text"/> | <input type="text"/> | <input type="text"/> [bel] | <input type="text"/> [dB(A)] |
| 5 | <input type="text"/> | <input type="text"/> | <input type="text"/> [bel] | <input type="text"/> [dB(A)] |
| 6 | <input type="text"/> | <input type="text"/> | <input type="text"/> [bel] | <input type="text"/> [dB(A)] |

| 6 Chemical Emissions | | | | | | | | | |
|---|-----------------------------|---------------------------|----------------------------|----------------|---------------------|----------------|---|---|-------------------------------------|
| 6.1 The following chemical emissions have been measured according to ECMA-328: | | | | | | | | | |
| Chemical emission rates (VOC and ozone) | | | | | Dust emission rates | | | | |
| <operational mode> | | | <emissions rate> | | | | | | |
| <i>e.g. printing</i> | | | VOC | | ozone | | dust | | |
| 1 | n.a. | | n.a. | [micro-gr./hr] | n.a. | [micro-gr./hr] | n.a. | [micro-gr./hr] | |
| 2 | | | | [micro-gr./hr] | | [micro-gr./hr] | | [micro-gr./hr] | |
| 3 | | | | [micro-gr./hr] | | [micro-gr./hr] | | [micro-gr./hr] | |
| 4 | | | | [micro-gr./hr] | | [micro-gr./hr] | | [micro-gr./hr] | |
| 5 | | | | [micro-gr./hr] | | [micro-gr./hr] | | [micro-gr./hr] | |
| 7 Hazardous Substances and Preparations | | | | | | | | | not con- tain |
| The product does not contain: | | | | | | | | | |
| 7.1<a> Substances and preparations covered by general limitation | | | | | | | | | |
| asbestos; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| azo Colorants; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| mercury and mercury compounds; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| CFCs, HCFCs; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| PCBs, PCTs and PCN. | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.2 Substances and preparations covered by limitations in plastic mechanical parts and housings | | | | | | | | | |
| cadmium and cadmium compounds; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| short chain choloparaffins; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| lead or lead compounds; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| PBB, PBDE. | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7.3<c> Substances and preparations covered by limitations in paints, coatings or colouring agents | | | | | | | | | |
| cadmium and cadmium compounds; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| TBT and TBTO; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| hexavalent chromium compound; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| lead or lead compounds; | | | | | | | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>NOTE Substances and preparations covered by limitations in batteries and packaging are defined in clauses 5.8 and 5.9.</i> | | | | | | | | | |
| 8 Batteries | | | | | | | | | |
| The product { <input checked="" type="checkbox"/> contains/ <input type="checkbox"/> does not contain } batteries. | | | | | | | | | |
| 8.5 The product or accessory contains the following batteries: | | | | | | | | | |
| <battery or accumulator> | | <type> | | <num.> | | <total weight> | | <size> | |
| <i>e.g. Main / Back-up battery</i> | | <i>e.g. Li-ion / NiCd</i> | | | | | | | |
| 1 | Remote control battery | Zn Mn | 2 | 19,40 | [g] | 4,4 | x | 1,0 | x |
| 2 | | | | | [g] | | x | | x |
| 3 | | | | | [g] | | x | | x |
| 4 | | | | | [g] | | x | | x |
| 5 | | | | | [g] | | x | | x |
| 9 Product Packaging | | | | | | | | | |
| 9.1 The following packaging is used: | | | | | | | | | |
| <packaging> | | | <type> | | <num.> | | <total weight> | | |
| <i>e.g. Main carton / remote control bag</i> | | | <i>e.g. carton / PS</i> | | | | | | |
| 1 | Main box | | carton | 1 | 2345 | [g] | | | |
| 2 | Protectors | | carton | 1 | 507,00 | [g] | | | |
| 3 | Corner and front protectors | | EPS | 5 | 828,00 | [g] | | | |
| 4 | Accessories bag | | H-LDPE | 4 | 13,00 | [g] | | | |
| 5 | LCD protector bags | | PE | 2 | 78,00 | [g] | | | |
| 6 | Adhesive tape | | PP | 2 | 21,00 | [g] | | | |
| 7 | | | | | | [g] | | | |
| 8 | | | | | | [g] | | | |
| | | | | | | | | | Requirement met |
| | | | | | | | | | Yes No n.a. |
| 9.5 The packaging materials are marked according to a standard. | | | | | | | | | |
| Name of Standard | | | <i>e.g. ISO 11469:2000</i> | | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | | |
| 9.6 Specific packaging take back programme and recycling services are available. | | | | | | | | | |
| <describe> | | | | | | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | |
| Green Dot | | | | | | | | | |

| | | | | |
|---|---|--|------|---|
| 10 Documentation Materials | | | | |
| 10.1 Paper | | | | Requirement met Yes No n.a. |
| 10.1.1 | The documentation is made under use of recycled paper. | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 10.1.2 | The recycled content: is | | % to | % |
| 10.1.3 | The paper is bleached by the following method; Chlorine is not used | | | |
| 10.2 Other Media | | | | |
| 10.2.1 | The media type is: <i>e.g. magnetic tapes, CDs, DVDs</i> | | n.a. | |
| 10.2.2 | The disposal method is: <i>e.g. system name or description</i> | | | |
| 11 Product End of Life | | | | |
| 11.1 Product Take Back Information | | | | Requirement met Yes No n.a. |
| Regarding take-back systems for products and consumables, | | | | |
| 11.1.2 | Customers are advised | | | |
| | to contact their supplier representatives for additional information; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | to check the products manual; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | to visit the following web page | | | |
| | URL ; | www.sharp-eu.com | | |
| | other | to contact with local authorities or recycling service company | | |
| 11.2 Disassembly | | | | |
| 11.2.1 | The following design features have been included in the product to enable easy disassembly, separation and / or recycling. | | | |
| | Disassembly down to the module level is possible using only commonly available tools; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | Reduction of the number of steps necessary for disassembly; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | Reduction of number of tools necessary for disassembly; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | Reduction of variety and number of connections; | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| | Marking of mechanical plastic parts according to ISO11469:2000 as applicable. | | | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 12 Additional Information Source | | | | |
| 12.1 | Further information sources are: <i>e.g. Manufacturer's URL, representative name and telephone number etc., except for sources indicated in 1st. page.</i> | | | |
| | 1 | | | |
| | 2 | | | |
| | 3 | | | |