

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-15SH2E	
	LC-15SH2E	
	4,800 kg	
	<h> 36 cm x <w> 47 cm x <d> 8 cm	
	Sharp Electrónica España, S.A.	
	Pol. Ind. Can Sant Joan. C/ Sena s/n, 08174 Sant Cugat del Vallés. Spain	
	Mr. Andreu L. Hermo	
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+		
+ 34 935 819 752		
www.sharp.es		

Environmental Programme Requirements conformed by the supplier

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

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

System names <i>e.g. ISO 14001</i> <i>e.g. EMAS</i>	1 ISO 14001
	2 EMAS
	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	0,671 [watts]
3	stand-by	Measurement	0,671 [watts]
4	on mode	EN 62087:2002	32,64 [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	EN55013:2001 + A1:2003	
2	EN55020:2002 + A1:2003	
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]	[micro-gr./hr]	[micro-gr./hr]	
2			[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]	[micro-gr./hr]	[micro-gr./hr]	
3			[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]	[micro-gr./hr]	[micro-gr./hr]	
4			[micro-gr./hr]		[micro-gr./hr]		[micro-gr./hr]	[micro-gr./hr]	[micro-gr./hr]	
5			[micro-gr./hr]		[micro-gr./hr]		[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 C	2	34,00	[g]	4,9	x	1,4	x	1,4
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	1175	[g]				
2	LCD bag		PE	1	25,60	[g]				
3	Lateral protectors		EPS	2	353,00	[g]				
4	Owner's Manual bag		PE	3	21,90	[g]				
5	Remote control bag		PE	1	1,60	[g]				
6	AC cord bag		PE	1	2,70	[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			