

Annex B

(informative)

Declaration of product environmental attributes

Product Category

PC
 Monitor
 TV
 VCR
 Mobile Phone
 NoteBook
 Camcorder
 Hi-fi
 Printer/copier
 Others
 Monitor*
 TV**
 Printer/copier***


Without fan

*CRT monitors **Digital and Internet TV

***Using the electrostatic process

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1 Product Information / Description

Brand	Sharp	Company Logo
Type of Product	LCD Colour TV	
Commercial Name	LC-32BV9E	
Model Number	LC-32BV9E	
Weight	18,900 kg	
Dimension	<h> 65 cm x <w> 81 cm x <d> 31 cm	
Supplier <Name>	Sharp Electrónica España, S.A.	
<Postal address>	Pol. Ind. Can Sant Joan. C/ Sena s/n, 08174 Sant Cugat del Vallés. Spain	
Postal code/City/Country		
e-mail		
<Contact person's name>	Mr. Andreu L. Hermo	
e-mail	hermo@sees.sharp-eu.com	
Telephone	+ 34 935 819 750	
Mobile phone	+	
Fax	+ 34 935 819 752	
Internet site (URL)	www.sharp.es	
Additional Information		

Environmental Programme Requirements conformed by the supplier

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

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

System names	1 ISO 14001
e.g. ISO 14001	2 EMAS
e.g. 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 type="checkbox"/> <input 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 type="checkbox"/> <input 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 type="checkbox"/> <input type="checkbox"/>
8.2	Labelling requirements such as defined in the 93/86/EEC .	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8.3<c>	Installation and removal.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8.4<d>	Take back and recycling.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input 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 type="checkbox"/> <input type="checkbox"/>
9.3	Labelling requirements.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9.4<c>	Take back and recycling.	<input checked="" type="checkbox"/> <input type="checkbox"/> <input 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 type="checkbox"/> <input type="checkbox"/>
	2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	3	<input checked="" type="checkbox"/> <input type="checkbox"/> <input 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 type="checkbox"/> <input type="checkbox"/>
	2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	3	<input checked="" type="checkbox"/> <input type="checkbox"/> <input 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	<input type="text"/>	
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	0,840 [watts]
3	stand-by	Measurement	0,840 [watts]
4	on mode	EN 62087:2002	72,00 [watts]
5	<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 complies with the limits defined in:	
	<standard / programme>	<i>e.g. MPR II-1990:8, TCO'99</i>
1	<input type="text"/>	
2	<input type="text"/>	
3	<input type="text"/>	

5 Noise Emissions

5.1	declared sound power and sound pressure levels			
	Sound power levels L_{WAd}	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_{WAd}	<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]		
7 Hazardous Substances and Preparations									not con- tain		
The product does not contain:									con- tain		
7.1<a> Substances and preparations covered by general limitation									under survey		
asbestos;									<input type="checkbox"/>		
azo Colorants;									<input type="checkbox"/>		
mercury and mercury compounds;									<input type="checkbox"/>		
CFCs, HCFCs;									<input type="checkbox"/>		
PCBs, PCTs and PCN.									<input type="checkbox"/>		
7.2 Substances and preparations covered by limitations in plastic mechanical parts and housings									n.a.		
cadmium and cadmium compounds;									<input type="checkbox"/>		
short chain cholroparaffins;									<input type="checkbox"/>		
lead or lead compounds;									<input type="checkbox"/>		
PBB, PBDE.									<input type="checkbox"/>		
7.3<c> Substances and preparations covered by limitations in paints, coatings or colouring agents											
cadmium and cadmium compounds;									<input type="checkbox"/>		
TBT and TBTO;									<input type="checkbox"/>		
hexavalent chromium compound;									<input type="checkbox"/>		
lead or lead compounds;									<input type="checkbox"/>		
NOTE Substances and preparations covered by limitations in batteries and packaging are defined in clauses 5.8 and 5.9.											
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	Carbon Zinc	2	19,50	[g]	<h>	cm x	<w>	cm x	<d>	cm
2					[g]	4,4	x	1,1	x	1,1	
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		1765	[g]				
2	LCD foam		PE	1		54	[g]				
3	Top/Bottom pads		EPS	4		536	[g]				
4	Stand pad		EPS	1		274	[g]				
5	Owner's Manual bag		PE	2		14	[g]				
6	Remote control b		PE	1		0,5	[g]				
7	AC cord bag		PE	2		8	[g]				
8	Batteries bag		PE	1		0,5	[g]				
9	Screws bag		PE	1		0,5	[g]				
10	Stand carton		carton	3		11	[g]				
11	Stand foam		PE	2		16	[g]				
12	Stand Packing tape		PP	4		0,4	[g]				
13	Box tape		PP	2		10	[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 type="checkbox"/>		
9.6 Specific packaging take back programme and recycling services are available.											
<describe>									<input type="checkbox"/>		
Green Dot									<input type="checkbox"/>		

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		