

Annex B

(informative)

Declaration of product environmental attributes


Product Category

<input type="checkbox"/> PC	<input type="checkbox"/> Monitor	<input checked="" 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	Sharp	Company Logo	
Type of Product	LCD Colour TV		
Commercial Name	LC-32GA9E		
Model Number	LC-32GA9E		
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										
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"/>	
<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	Carbon Zinc	2	19,50	[g]	4,4	x	1,1	x	1,1
2					[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		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		