



ECMA/TC38-TG3/2015/026 (Rev. 1 – 15 April 2015)

Annex B2 - Product environmental attributes Computer Monitors

The declaration may be published only when all rows and/or fields marked with * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Lenovo	Logo					
Company name *	Lenovo						
Contact information *	Lenovo Global Environmental Affairs		ODOVO				
e-mail address	Alvin L Carter		Lenovo				
	alcarter@lenovo.com						
Internet site *	http://www.lenovo.com/social_responsibility/us/en/environment.html						
Additional information							

The company declares (based on product specification or test results based obtained from sample testing), that the product				
conforms to the statemen	nts given in this declaration.			
Type of product *	Monitor			
Commercial name *	ThinkVision L24q-10			
Model number *	65CF			
Issue date *	2017/2/5			
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other			
Additional information				

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

About Annex B2

Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template:

P4.1 – P4.3 Consumable materials

P9.1 TEC and Print speed

P10.2 - P10.3 Chemical emissions from printing products

P11.1 - P11.3 Consumable materials for printing products.

woder number "		DOCF	Logo	Long	21/6	
Issue date *		2017/2/5		Lend		J _{tm}
Product environmental attributes - Legal requirements			Require	men	t met	
Item				Yes	No	n.a.
P1	Hazardo	ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE	B1)	\boxtimes		
P1.2*	Products Commer					
P1.3*	hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachethane, methyl bromide (see legal reference). Comment: Legal reference has no nation values.				
P1.4*		s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychyl (PCT) in preparations (see legal reference).	lorinated			
P1.5*	Products	s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 car ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	oon atoms in th	ne 🔀		
P1.6*	Parts wit	th direct and prolonged skin contact do not release nickel in concentrations above (al reference). nt: Max limit in legal reference when tested according to EN1811:2011-5.),5 μg/cm²/wee	k		
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail www.lenovo.com/social_responsibility/us/en/environment.html	contact):			
P2	Batterie	S				
P2.1*		oduct contains a battery or an accumulator, the battery/accumulator is labeled with Information on proper disposal is provided in user manual. (See legal reference)	the disposal			
P2.2*						
P2.3*	Batteries	s and accumulators are readily removable. (See legal reference)				\boxtimes
P3	Conforn	nity verification & Eco design (ErP)				
P3.1*		duct is CE-marked to show conformance with applicable legal requirements (see legal requirements):	gal reference).			
P3.2*		duct complies with the Eco design requirements for energy-related products, al reference).				
	Required	d information is; given in item P15 or added to this document, available at (add URL):				
P5	Product	packaging				
P5.1*	hexavale	ng and packaging components do not contain more than 0,01% lead, mercurent chromium by weight of these together.				
P5.2*		kaging materials are marked with abbreviations and numbers indicating the nature se legal reference).	of the material	(s) 🔀		
P5.3*						
P6	Treatme	nt information				
P6 1*	Informati	on for recyclers/treatment facilities is available (see legal reference)	·			

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	65CF	Logo	Lanava
Issue date *	2017/2/5		LEI IOVO"

Product	environmental attributes - Market requirements (See General NOTE GN below)					
		equire	ment	met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.		
P7	Design Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable	\square				
P7.2*	Plastic materials in covers/housing have no surface coating.	\square	Ħ	H		
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.			H		
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.					
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	\boxtimes				
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	$\overline{\mathbb{X}}$		H		
	Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			\boxtimes		
P7.8*	Upgrading can be done using commonly available tools	$\overline{\Box}$		\boxtimes		
P7.9	Spare parts are available after end of production for: 3 years					
P7.10	Service is available after end of production for: 3 years					
	Material and substance requirements					
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):					
5= 40	Material type: ABS Material type: SGCC Material type: POM					
P7.12	Insulation materials of external electrical cables are PVC free.	Щ_				
P7.13	Insulation materials of internal electrical cables are PVC free.	_ <u></u> _	Ц.			
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and	\boxtimes				
	polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts					
	containing more than 25% post-consumer recycled content.					
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low halogen as defined in IEC 61249-2-21. (See 1NOTE B2)					
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking:					
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):					
	TBBPA (additive), TBBPA (reactive) (See NOTE B3), Other: chemical name, CAS #:	Ш				
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g					
	according ISO 1043-4:	Ш				
P7.18	<u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in					
	concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4)	Ш	Ш			
	2. Chemical name: , CAS #: (See NOTE B4)					
	3. Chemical name: , CAS #: "					
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:			\boxtimes		
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been	$\overline{\Box}$				
	assigned the following Risk phrases; and Hazard statements:	_		_		
	The source(s) for these classifications is/are found at (add URL(s)): , (See note B5)					
P7.20*	Postconsumer recycled plastic material content is used in the product (See Note B6):	\boxtimes				
	If YES; at least one of the two alternatives below shall be answered;					
	a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as					
	a percentage of total plastic by weight) is 26.7% .					
	or b) The weight of recycled material is 595.85 g.					
	·, · · · · · · · · · · · · · · · · · ·					

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

Model number *	65CF	Logo	Lenovo.						
Issue date *	te * 2017/2/5					Lenovo			
Product enviro	roduct environmental attributes - Market requirements (continued) Requirement met								
Item								n.a.	
Mater	Material and substance requirements (continued)								
	P7.21* Biobased plastic material content is used in the product (See NOTE B7):								
If YES; at least one of the two alternatives below shall be answered;									
a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage									
or	of total plastic by weight) is %.								
			less than 0,1 mg/lamp.			\boxtimes			
		specify: Number of lan	nps: and maximi	um mercury content per	lamp: mg				
P8 Batte	ries ry chemical c	eomnocition:							
		tion (See NOTE B8)	s or energy consumption	ons are reported:					
Energy mode *	c product th	Power level at	Power level at	Power level at	Reference/Standar	d for e	nerav		
		100 V AC	115 V AC	230 V AC	modes and test me				
ENERGY STAR®	On Mode*	16. 13 W	16. 06 W	16. 02W	ENERGY STAR® I				
(System Idle)					Requirements for 0 Monitors: Ver. 7.0	Computer			
ENERCY STAR®	Low Dower	0. 20 W	0.20 W	0 .29 W	ENERGY STAR® I	Program			
ENERGY STAR® Sleep Mode*	Low Power	0.20 VV	0.20 VV	0.23 VV	Requirements for C				
0.00p000					Monitors: Ver. 7.0				
ENERGY STAR®	Off /	0 .28 W	0.28 W	0.28 W	ENERGY STAR® I				
Apparent Off Mod	e*				Requirements for 0 Monitors: Ver. 7.0	Computer			
					Worldon's. VCI. 7.0				
DTEO *		1 14/	1 14/	T 147	T			F 7	
PTEC * Typical Energy Co	nsumption	W	W	W					
ETEC *	noumpaon	47.1 kWh/year	46.6 kWh/year	47.8 kWh/year					
Annual Energy Co	nsumption	,		-					
External Power Su	upply Efficier	ncy Level (International	Efficiency Marking Pro	otocol) * : 6					
					ENERGY STAR® I				
Display resolution	* : 3. /mega	pixels			Requirements for 0 Monitors: Ver. 7.0	Computer			
					ENERGY STAR® I	Program			
Default time to en	ter energy sa	ave mode: 0.5 minutes	3		Requirements for C				
					Monitors: Ver. 7.0				
			on is provided with the		T		<u>Ц</u>		
		s the energy requireme version: 7.0 Product c	ents of the following volu ategory: Display	untary program/s:				Ш	
P10 Emissions									
	emission -	Declared according to	ISO 9296 (See NOTE	B9)					
P10.1 Mode	N	Mode description		Statistical upper limit	A-weighted sound p	ower leve	I, L _{WA,c}		
Idle	*			*					
Opera	tion *			*				\boxtimes	
Other			d pressure level (dB) $L_{p{\sf Am}}$		ition desktop – idle)				
Other	mode [Declared A-weighted soun	d pressure level (dB) $L_{p{\sf Am}}$	(operator pos	ition desktop – opera	ting)			
Meas	ured accordi	ng to: SO 7779	ECMA-74	•					
		Other	only if not covered by	ECMA-74)					

NOTE B8 A Guidance document on Energy Efficiency is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B9 A Guidance document on Acoustic Noise is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic

Model number *		65CF					Logo	Lond	W/0		
Issue dat	ssue date * 2017/2/5				Lenovo						
Product	Product environmental attributes - Market requirements (continued)						Require	Requirement met			
Item								Yes	No	n.a.	
		nagnetic emission									
P10.4	program	(s):	requirement for low	frequency el	lectromagnetic fields	s of the foll	owing voluntary	′			
P12	Ergonor	nics for computing	g products					<u></u> _			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.										
P12.2*	The phys	sical input device m	eets the requirements	s of ISO 999	95 and ISO 9241-41	0.				\boxtimes	
P13	Packagi	ng and documenta	ation								
P13.1*	Product	packaging material packaging material packaging material	type(s): <i>PE bag</i>	weight (kg weight (kg weight (kg): 0.221						
P13.2*			aging is free from PV						\Box		
P13.3*		luct primary corrug	ated fiberboard pack	kaging, spec	cify the contained p	ercentage	of minimum p				
P13.4*		media for user and pronic, ⊠Paper, □	oroduct documentation	on (tick box):							
P13.5	Ùser and		em if paper documer ation on paper media						\boxtimes		
	,	hlorine-free al chlorine-free									
	Processe	ed chlorine-free									
P14	Volunta	ry programs									
P14.1	The prod	duct meets the requi	irements of the follow	ing voluntar	y program(s):						
	Eco-labe	el:	Criteria version: 7.0 Criteria version: Criteria version:	0	Date: 29 Aug 16 Date: Date:	Product (category: Monit category: category:	tor			
P15		nal information (Se									
P9			ecific configuration								
	informati knowled provided informati	on contained in this ge available at the the there is approximation.	epresentations, guara document. All inform ime of completion, an e and provided for inf	nation provid nd supplier s formational p	led by supplier in thi shall have no obligat ourposes only. See	is documer ion to upda	nt is provided ba ate such informa	ased on suppation. The in	plier's iformat	ion	
P9			onitors & Displays fo products/office_equip								

NOTE B10 Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

Legal references Europe Annex B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 2037/2000, 2038/2000, 2039/2000 (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2013/56/EC (Battery and accumulators Directive) * * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2,3, P8.1
Directive 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	P3.1, P3.2
Regulation (EC) No 1272/2008 (CLP Regulation)	P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2
Directive 2012/19/EU (WEEE directive)	P6.1