



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		_				
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Additional information	The latest version of this document can be found at:						
	http://www.lenovo.com/ecodeclaration						

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.					
Type of product *	Monitor				
Commercial name *	Lenovo G24-10				
Model number *	65FD				
Issue date *	2019/09/06				
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

Model nu	mber *	65FD	Logo	Long		
Issue dat	sue date * 2019/09/06			Lend	JVC	<b>)</b> <sub>tm</sub>
Product	environ	mental attributes - Legal requirements		Require	ment	met
Item		<u> </u>		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*		s do not contain Asbestos (see legal reference).		$\boxtimes$		
P1.3*		nt: Legal reference has no maximum concentration value. s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),		N /	$\overline{}$	
P1.3		omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrach	loride 1 1 1-	$\boxtimes$		
		ethane, methyl bromide (see legal reference). Comment: Legal reference has no m				
		ration values.	axiiiaiii			
P1.4*	Products	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychyl (PCT) in preparations (see legal reference).	lorinated			
P1.5*		s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carb	oon atoms in the	• 🛛		
		ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).				
P1.6*		th direct and prolonged skin contact do not release nickel in concentrations above 0	,5 μg/cm²/week			$\boxtimes$
		al reference).				
		nt: Max limit in legal reference when tested according to EN1811:2011-5.				
P1.7*		Article 33 information about substances in articles is available at (add URL or mail	contact):	$\boxtimes$		
D0		ww.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure				
P2.1*	Batterie		ha dianasal			
P2.1"		oduct contains a battery or an accumulator, the battery/accumulator is labeled with t Information on proper disposal is provided in user manual. (See legal reference)	ne disposai		Ш	$\boxtimes$
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal					
	reference)					
P2.3*	Batteries and accumulators are readily removable. (See legal reference)					
P3		nity verification & Eco design (ErP)				
P3.1*		duct is CE-marked to show conformance with applicable legal requirements (see leg		$\boxtimes$		
	The Dec	elaration of Conformity can be requested at: https://www.lenovo.com/us/en/comp	liance/eu-doc			
P3.2*		duct complies with the Eco design requirements for energy-related products,		$\boxtimes$		
	(see lega	al reference).				
	Required information is;  given in item P15 or added to this document,					
		available at: https://www.lenovo.com/us/en/compliance/e	co-declaration			
P5	Product	packaging				
P5.1*		ng and packaging components do not contain more than 0,01% lead, mercury	, cadmium and	d 🔀		
DE C*		ent chromium by weight of these together.	6.0			
P5.2*		kaging materials are marked with abbreviations and numbers indicating the nature on the legal reference).	of the material(s	) 🔀	Ш	
P5.3*	The proc	duct packaging material is free from ozone depleting substances as specified in the N	ontreal Protoco	ol 🖂		
	(see legal reference).  Comment: Legal reference has no maximum concentration values.					
P6		nt information				
P6.1*		ion for recyclers/treatment facilities is available (see legal reference).				
		,		$\angle \Delta$	$\perp$	

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 *	65FD	Logo	Lanava
Issue date *	2019/09/06		LEI IOVO"

Product	t environmental attributes - Market requirements (See General NOTE GN below)			
	- Environmental conscious design	Require	ment	met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
P7	Design Piaceanthly recycling			
P7.1*	Disassembly, recycling  Parts that have to be treated separately are easily separable			
P7.1*				$\dashv$
	Plastic materials in covers/housing have no surface coating.			-
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.		<u> </u>	<u> </u>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.		Щ.	
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		<u>Ц</u>	
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).			
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		<u>Ц</u>	
P7.8*	Upgrading can be done using commonly available tools	$\boxtimes$		
P7.9	Spare parts are available after end of production for: 5 years			
P7.10	Service is available after end of production for: 5 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			ŀ
D7 10	Material type: PC Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.	<u> </u> _		
P7.13	Insulation materials of internal electrical cables are PVC free.	<u> </u>		
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, an polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containin			
	more than 25% post-consumer recycled content.	9		
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low haloge	n 🗌	$\boxtimes$	
	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:			$\boxtimes$
P7.17	Marking:  Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):			
P1.11	TBBPA (additive), TBBPA (reactive) (See NOTE B3), Other: <b>Brominated Epoxy Resin</b> , CAS #:	$\boxtimes$		
	68928-70-1, 26265-08-7		ш	ш
	*		$\boxtimes$	
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:			
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations is	n		
	concentrations above 0,1%:			
	1. Chemical name: , CAS #: (See NOTE B4)			
	Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:			
P7.19	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been	$\square$		
	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):			
	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 85.0%.			ļ
	or			
	b) The weight of recycled material is 694.1g.			

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 <a href="http://www.ecma-international.org/publications/standards/Ecma-370.htm">http://www.ecma-international.org/publications/standards/Ecma-370.htm</a>

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 *	65FD	Logo	Lonovo
Issue date *	2019/09/06		Lei Iovo,

Product environmental attributes - Market requirements (continued)	Requi	remer	nt met
Item	Yes	No	n.a.

	Material and sub	stance requirements	(continued)				
P7.21*			d in the product (See N	OTF 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 of						
	<ul> <li>a) Of total plastic parts' weight &gt; 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is</li> <li>%.</li> </ul>						
	or						
		f the biobased plastic r					
P7.22*			less than 0,1 mg/lamp.				
DO		specify: Number of lar	nps: and maxim	um mercury content pe	er lamp: mg		
P8.1*	Batteries Battery chemical of	composition:					
		•					
<b>P9</b>		tion (See NOTE B8)	s or energy consumption	ans are reported:			
Energy mo		Power level at	Power level at	Power level at	Reference/Standard for energy		
Liloigy illo	do	100 V AC	115 V AC	230 V AC	modes and test method *	ш	
Peak (On-	max)	22.9W	22.5W	22.2W	Full load		
Categor	y					-	
Short Idla	State - WOL	15.77W	15.67W	15.69W	U (Pidle)		
Enabled	State - WOL	13.77**	73.07	13.03**	O (F Idie)		
	0/ / 14/01	4	45.054	45.0014			
Enabled	State - WOL	15.77W	15.67W	15.69W	Use for ENERGY STAR V8 registration (P <sub>idle</sub> )		
Lilabieu					registration (Fidie)		
Sleep (S3)	- WOL Enabled	0.17W	0.18W	0.21W	Use for ENERGY STAR V8		
					registration(P <sub>sleep</sub> )		
Off (SE) 1	WOL Enabled	0.15W	0.15W	0.18W	Use for ENERGY STAR V8		
011 (33) - 1	VOL Ellabled	0.75	U. 13VV	0.70	registration(P <sub>off</sub> )		
					, ,		
Off (S5) - 1	NOL Disabled	0.15W	0.15W	0.18W	Use for ErP		
EPS No-loa	ad	W	W	W		$\boxtimes$	
(External power s	supply / charger plugged in the connected from the product.)					_	
PTEC *	comocida nom ale produca,	15.77 W	15.67 W	15.69 W			
	ergy Consumption						
ETEC *		49.32 kWh/year	49.07kWh/year	49.3kWh/year			
	ergy Consumption		x (Poff x 0.6 + Psleep				
			l Efficiency Marking Pro	otocol) * :			
Display res	solution * : <b>1920x1</b> 0	80 megapixels					
Default tim	e to enter energy sa	ave mode: 30 minutes					
P9.2*	Information about	the energy save functi	on is provided with the	product.	, N		
P9.3	Energy efficiency	class (monitors only):	EPA7.1	·			
P10	Emissions	•				N/A	
		- Declared according to	ISO 9296 (See NOTE	B9)			
P10.1	Mode N	Mode description	·	Statistical upper lim	it A-weighted sound power level, $L_{W\!A,c}$	(B)	
	Idle *	HDD: Idle		*		$\boxtimes$	
	Operation *	HDD: Operating		*		$\boxtimes$	
	Other mode	Declared A-weighted soun	d pressure level (dB) $L_{p{ m Am}}$	(operator position desktop – idle)			
			d pressure level (dB) $L_{p{\sf Am}}$				
	,						
	Measured accordi	ng to: X ISO 7779	ECMA-74				
1	1	Other	(only if not covered by	ECMA-74)			

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

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

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

Model number *		65FD				Logo	lono	V/0	
Issue date	*	2019/09/06					Leno	VO,	м
Product 6	environn	nental attributes	- Market requirements (co	ntinued)			Require	ment	met
Item							Yes	No	n.a.
		magnetic emissions							
P10.4	program	(s):	requirement for low frequency of	electromagnetic fields	of the foll	owing voluntary			
P12		mics for computing							
P12.1*	The disp	lay meets the ergon	omic requirements of ISO 9241	-307 for visual display	y technolo	gies.	$\boxtimes$		
P12.2*	The phys	sical input device me	eets the requirements of ISO 99	95 and ISO 9241-410	).		$\boxtimes$		
P13		ng and documenta							
P13.1*	Product	packaging material t	ype(s): <i>EPS(Cushion)</i> ype(s): <i>Paper(Carton)</i> ype(s): <i>HDPE/LDPE/EPE</i>	weight (kg): 0.24 weight (kg): 0.53 weight (kg): 0.03					
P13.2*	Product	plastic primary pack	aging is free from PVC.				$\boxtimes$		
P13.3*		duct primary corrugater recovered fiber co	ated fiberboard packaging, spentent: 90 %	ecify the contained p	ercentage	of minimum pos	st-		
P13.4*	Specify media for user and product documentation (tick box):								
P13.5	Ùser and		em if paper documentation used ation on paper media is chlorine						
	Totally chlorine-free								
	Processe	ed chlorine-free							
P14	Volunta	ry programs							
P14.1	The proc	duct meets the require	rements of the following volunta	ry program(s):					
	Eco-labe	el:	Criteria version: <b>7.1</b> Criteria version: Criteria version:	Date: 2019/08/09 Date: Date:	Product of Product of		r		
P15		nal information (Sec	,						
P9			ecific configuration may vary						
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P9			otebooks & Tablet Computers for dex.cfm?fuseaction=find_a_pro			code=CO			

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