



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		Lenovo			
e-mail address	Alvin L Carter		LCIIOVO			
	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 statements given in this declaration.					
Type of product *	Monitor				
Commercial name *	X24q-10				
Model number *	61A4				
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.

Model number *		61A4	Logo	Lenovo.		
Issue date *		2017/2/5		Len		D _{TM}
Product environmental attributes - Legal requ		mental 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*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.				
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*		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 t	he 🔀		
P1.6*	(see lega	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	ek 🗌		
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail ww.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*	Batteries referenc	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadn e)	nium. (See leg	al		
P2.3*	Batteries	s and accumulators are readily removable. (See legal reference)				\boxtimes
P3	Conform	nity verification & Eco design (ErP)				
P3.1*		duct is CE-marked to show conformance with applicable legal requirements (see leg	gal reference).	\boxtimes		
	The Dec	laration of Conformity can be requested at (add link or e-mail address):				
P3.2*		duct complies with the Eco design requirements for energy-related products,		\boxtimes		
		al reference). d information is;				\boxtimes
	Required	a vailable at (add URL):			ш	
P5	Product	packaging				
P5.1*	Packagii	ng and packaging components do not contain more than 0,01% lead, mercurent chromium by weight of these together.	y, cadmium a	nd 🔀		
P5.2*	The pac	kaging materials are marked with abbreviations and numbers indicating the nature be legal reference).	of the material	(s) 🔀		
P5.3*	1 0			eal 🔀		
P6	Treatme	nt information				
P6.1*	Informati	on for recyclers/treatment facilities is available (see legal reference).	<u> </u>	X		

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 *	61A4	Logo	Lanava
Issue date *	2017/2/5		LEI IOVO"

Product	Product environmental attributes - Market requirements (See General NOTE GN below)						
	- Environmental conscious design Requirement 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	\boxtimes					
P7.2*	Plastic materials in covers/housing have no surface coating.	\boxtimes					
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	\boxtimes					
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	\boxtimes					
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.						
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			\boxtimes			
P7.8*	Upgrading can be done using commonly available tools			\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):						
P7.12	Material type: ABS Material type: SGCC Material type: POM Insulation materials of external electrical cables are PVC free.						
P7.12	Insulation materials of internal electrical cables are PVC free.	井	<u> </u>				
P7.13			<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, and 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)	Ш		Ш			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking:			\boxtimes			
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 #:			\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 in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4)						
	2. Chemical name: , CAS #: " 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 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):	X					
	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 nur	mber * 61A4					Logo	Lenovo.			
Issue date	*	* 2017/2/5					Lei IOVO,			
Product environmental attributes - Market requirements (continued)							Requir	emen	t met	
Item							Yes	No	n.a.	
	Material and substance requirements (continued)									
P7.21*	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 of total plastic by weight) is %. or b) The weight of the biobased plastic material is g.										
P7.22*			free from mercury, i.e. specify: Number of lar	less than 0,1 mg/lamp mps: and maxim	num mercury content pe	er lamp: mg				
P8	Batterie									
P8.1*			composition:						\boxtimes	
P9			tion (See NOTE B8)							
P9.1		roduct the		ls or energy consumpti		1				
Energy mo	ode *		Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standar modes and test me	ethod *	nergy		
ENERGY S (System Id		n Mode*	16. 13 W	16. 06 W	16. 02W	ENERGY STAR® Requirements for 0 Monitors: Ver. 7.0	Computer			
ENERGY S		w Power	0.20 W	0.2 0 W	0 .29 W	ENERGY STAR® Program Requirements for Computer Monitors: Ver. 7.0				
ENERGY S Apparent C		f /	0 .28 W	0. 28 W	0.28 W	ENERGY STAR® Program Requirements for Computer Monitors: Ver. 7.0				
DTEO +			1 14/	1 147	1 14	1			F 7	
PTEC * Typical Ene	ergy Cons	umption	W	W	W					
ETEC * Annual Ene	ergy Cons	umption	47.1 kWh/year	46.6 kWh/year	47.8 kWh/year					
External Po	ower Supp	ly Efficien	ncy Level (Internationa	I Efficiency Marking Pr	otocol) * : 6					
Display res	solution* :	<i>3. 7</i> mega	pixels			ENERGY STAR® Requirements for 0 Monitors: Ver. 7.0	Computer			
Default time	e to enter	energy sa	ave mode: 0.5 minute:	s		ENERGY STAR® Requirements for 0 Monitors: Ver. 7.0				
P9.2*				ion is provided with the						
P9.3*	P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: 7.0 Product category: Display .									
P10	P10 Emissions									
	Noise emission – Declared according to ISO 9296 (See NOTE B9)									
P10.1	Mode	I N	Mode description		Statistical upper lim	it A-weighted sound բ	ower leve	I, L _{WA,c}		
	Idle	*			*					
	Operatio	n *			*					
	Other mo			nd pressure level (dB) $L_{p{\sf A}}$		osition desktop – idle)			-	
	Other mo			nd pressure level (dB) $L_{p{\sf A}l}$						
	Measure	d accordii	ng to: ISO 7779 Other	ECMA-74 (only if not covered by						
			L Ouiei	(oring it flot covered by	Y LUIVIA-14)					

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 nu	ımber *	61A4			Logo	Long	V	
Issue date * 2017/2		2017/2/5				Lenc	VO	TM
Product	environr	nental attrib	utes - Market requirem	ents (continued)		Require	ment	met
Item						Yes	No	n.a.
	Electron	nagnetic emis	sions					
P10.4	program	(s):	'	requency electromagnetic	fields of the following voluntar	У		
P12			uting products					
P12.1*	The disp	lay meets the	ergonomic requirements of	ISO 9241-307 for visual di	isplay technologies.	\boxtimes		
P12.2*	The phy	sical input devi	ce meets the requirements	of ISO 9995 and ISO 924	1-410.			\boxtimes
P13	Packagi	ng and docun	nentation					
P13.1*	Product	packaging mat	erial type(s): Carton	weight (kg): 0.880				
			erial type(s): PE bag	weight (kg): 0.221				
			erial type(s): EPS	weight (kg): 0.029		<u> </u>		
P13.2*		• •	packaging is free from PV			\boxtimes		
P13.3*			orrugated fiberboard packa per content: 45 %	aging, specify the contain	ed percentage of minimum p	oost-		
P13.4*	Specify media for user and product documentation (tick box):							
P13.5	Ùser and		this item if paper document mentation on paper media					
	,	hlorine-free al chlorine-free						
	Process	ed chlorine-free)					
P14	Volunta	ry programs						
P14.1			requirements of the following	ng voluntary program(s):				
	ENERG Eco-labe Eco-labe		Criteria version: Criteria version: Criteria version:	Date: Date: Date:	Product category: Product category: Product category:			
P15	Additio	nal information	n (See NOTE B10)		<u> </u>			
P9	Energy	consumption	of specific configuration	may vary; description of	the tested product configu	ration:		
	NOTE: S informat knowled	Supplier makes ion contained ii ge available at I here is approx	no representations, guarant this document. All information the time of completion, and	ntees, assurances or warra ation provided by supplier i d supplier shall have no ob	anties whether express or imp in this document is provided b digation to update such inform See a Lenovo Account Repres	lied, regardin ased on supp nation. The in	olier's format	ion
P9			ied Monitors & Displays for gov/products/office_equipr					

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