

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 * e-mail address	Lenovo Global Environmental Affairs Alvin L Carter alcarter@lenovo.com	Affairs Lenovo					
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 *	ThinkVision T27h-30/37					
Model number *	63A3/63B8					
Issue date *	2022/4/25					
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 *	nber * 63A3/63B8 Logo		Lon		
Issue dat	e date * 2022/4/25			Leng	JVC)
Product	Product environmental attributes - Legal requirements					met
Item		• ·		Yes	No	n.a.
P1	Hazardo	ous substances and preparations				
P1.1*	Products	\boxtimes				
P1.2*	Products Commer		\square			
P1.3*	Products hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), pmofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrach ethane, methyl bromide (see legal reference). Comment: Legal reference has no m ration values.				
P1.4*	terpheny	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polych /l (PCT) in preparations (see legal reference).		\boxtimes		
P1.5*		s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carb ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	oon atoms in th			
P1.6*	(see lega	th direct and prolonged skin contact do not release nickel in concentrations above 0 al reference). nt: Max limit in legal reference when tested according to EN1811:2011-5.),5 μg/cm²/weel	κ 🔀		
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail www.lenovo.com/us/en/Lenovo-REACH-SVHC-Disclosure	contact):	\boxtimes		
P2	Batterie	S				
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)	he disposal			\boxtimes
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal					\boxtimes
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)				\boxtimes
P3	Conform	nity verification & Eco design (ErP)				
P3.1*	The proc The Dec https://w	duct is CE-marked to show conformance with applicable legal requirements (see leg laration of Conformity can be requested at (add link or e-mail address): www.lenovo.com/us/en/compliance/eu-doc for EU www.lenovo.com/us/en/compliance/uk-doc for UK	gal reference).			
P3.2*		duct complies with the Eco design requirements for energy-related products,		\boxtimes		
	(see lega	al reference).			_	_
	Required	d information is; given in item P15 or added to this document,		\bowtie		
	L. 44	available at (add URL):				
DE		vww.lenovo.com/us/en/compliance/eco-declaration packaging				
P5.1*		ng and packaging components do not contain more than 0,01% lead, mercury	v cadmium an	id 🔀		
		ent chromium by weight of these together.				
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) is used (see legal reference).					
P5.3*	The proc	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference).				
		nt: Legal reference has no maximum concentration values.				
P6		nt information				
P6.1*	Informati	on for recyclers/treatment facilities is available (see legal reference).		\square		

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 nu	umber *	63A3/63B8 Log	0		ovc					
Issue da	ssue date * 2022/4/25					т				
Product	t environ	mental attributes - Market requirements (See General NOTE GN belo	w)							
	- Enviro	onmental conscious design	· ·	quire	ment	met				
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14. Yes No n.a.									
P7	Design	mbly, recycling								
P7.1*		at have to be treated separately are easily separable								
P7.2*	Plastic m	naterials in covers/housing have no surface coating.			Ħ					
P7.3*										
P7.4*	Plastic p	arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.								
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly availab	le tools.	\square						
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).		\boxtimes						
	Product									
P7.7*		ng can be done e.g. with processor, memory, cards or drives				\boxtimes				
P7.8*		ng can be done using commonly available tools				\square				
P7.9		arts are available after end of production for: 5 years								
P7.10		s available after end of production for: 5 years								
		and substance requirements								
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum): type: ABS Material type: PC Material type				1				
P7.12		n materials of external electrical cables are PVC free.	•		\boxtimes					
P7.13	Insulation materials of internal electrical cables are PVC free.									
P7.14										
	polyvinyl	1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retar chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts an 25% post-consumer recycled content.								
P7.15	Printed c	sircuit boards, PCBs (without components) are low halogen: all ⊠ PCBs > 25 g 🗌 are lo ed in IEC 61249-2-21. (See 1NOTE B2)	ow halogen		\square					
P7.16	Flame re Marking:	etarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:				\boxtimes				
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without compor PA (additive), XTBBPA (reactive) (See NOTE B3), Other:, CAS #:	nents):	\boxtimes						
		nemical specifications of flame retardants in printed circuit boards (without components) > g ISO 1043-4:	> 25 g			\boxtimes				
P7.18		ame retarded plastic parts > 25 g contain the following flame retardant substances/preparison above 0.1%	parations in	_						
		ations above 0,1%: ical name: , CAS #: (See NOTE B4)				\boxtimes				
		ical name: , CAS #: "								
	3. Chem	ical name: , CAS #: "								
		nemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:				\boxtimes				
P7.19	•	parts > 25 g, flame retardant substances/preparations above 0,1% are used which have	been			\boxtimes				
		d the following Risk phrases; and Hazard statements:								
P7.20*	The source(s) for these classifications is/are found at (add URL(s)): , (See note B5) * Postconsumer recycled plastic material content is used in the product (See Note B6): Image: Content Con									
F1.20	FUSICONS	sumer recycled plastic material content is used in the product (see note DD).		\bowtie						
	a) Oft ape or	at least one of the two alternatives below shall be answered; total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calc ercentage of total plastic by weight) is 82.8 %. (EPEAT calculation) / 85% (TCO calcula e weight of recycled material is 900.7 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 *	63A3/63B8	Logo	Lenovo
Issue date *	2022/4/25		Lenovo.
Product environ	nental attributes - Market requirements (continued)	·	Requirement met

Item

Requirement metYesNon.a.

	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 of total plastic by weight) is 0%. or 								
	b) The weight of the biobased plastic material is 0g.								
P7.22*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp.								
P8	Batteries								
P8.1*	Battery chemical composition:								
P9	Energy consumption (See NOTE B8)								
P9.1	For the product the			or energy consumptic	ons are reported:				
Energy mo	de *	Power level at 100V 50HzAC	Power level at 100V /60Hz	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energy modes and test method *			
ENERGY S (System Ic	STAR® On Mode* fle)	20.48	20.51	20.43	20.36	ENERGY STAR Displays V8.0			
ENERGY S Power Sle	STAR® Low ep Mode*	0.75	0.75	0.75	0.78	ENERGY STAR Displays V8.0			
ENERGY S Apparent	STAR® Off / Off Mode*	0.32	0.32	0.32	0.36	ENERGY STAR Displays V8.0			
PTEC * Typical Ene	ergy Consumption	W	W	W	W				
ETEC *	ergy Consumption	<mark>67.06</mark> kWh /year	<mark>67.16</mark> kWh /year	66.9 kWh/year	66.87kWh/year	E _{TEC} = (8760/1000) x (P _{sleep} x 0.65 + P _{idle} x 0.35)			
		cy Level (Int		fficiency Marking Pro	tocol) * :				
	solution* : 2560*144					ENERGY STAR Displays V8.0			
Default tim	e to enter energy sa	ve mode: 15	seconds			ENERGY STAR Displays V8.0			
P9.2*				is provided with the					
P9.3*	The product meets ENERGY STAR®			s of the following volu tegory: <i>Display</i> .	untary program/s:				
P10	Emissions								
				SO 9296 (See NOTE	· ·				
P10.1	Mode	Mode desc			Statistical upper limit A-weighted sound power level, L _{WA,c} (B)				
	Idle	* HDD: Idle							
ļ	Operation * HDD: Operating *				*				
	Other mode	Other mode Declared A-weighted sound pressure level (dB) (operator position desktop - idle) L _{pAm}							
	Other mode	Declared A-w	veighted soun	d pressure level (dB)	(operator pos	sition desktop – operating)			
	Measured accordin	ng to: 🔀 IS		ECMA-74					
			ner (c	only if not covered by	EUNA-14				

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 <u>http://www.ecma-international.org/publications/standards/Ecma-370.htm</u>

NOTE B9 A Guidance document on Acoustic Noise is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm

Model nu	imber *	63A3/63B8					Logo			
Issue dat	te *	2022/4/25						Len	ovo	тн
Product	environr	nental attribu	tes - Market requirem	nents (cont	inued)			Requir		
Item								Yes	i No	n.a
		magnetic emiss								
P10.4	Compute program		the requirement for low f	requency ele	ctromagnetic field	Is of the foll	owing volunt	ary 🔀		
P12		mics for compu								
P12.1*	The disp	play meets the er	gonomic requirements of	f ISO 9241-3	07 for visual displ	ay technolo	gies.	\square		
P12.2*	The phy	sical input devic	e meets the requirements	s of ISO 9995	and ISO 9241-4	10.				\ge
P13	Packagi	ing and docum	entation							
P13.1*	Product Product			weight (kg) weight (kg) weight (kg) weight (kg)	: 1.07 : 0.04					
P13.2*	Product	plastic primary p	ackaging is free from PV	'C.				\boxtimes		
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-									
P13.4*	Specify media for user and product documentation (tick box):									
P13.5	(Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free:									
	Totally c	hlorine-free						\square		
	Element	al chlorine-free						- H		
	Process	ed chlorine-free						П		
P14	Volunta	ry programs								
P14.1	The proc	duct meets the re Y STAR®	equirements of the followi Criteria version: <i>8.0</i> Criteria version: <i>9.0</i> Criteria version:)	program(s): Date: 2022/4/25 Date: 2022/4/25 Date:	Product	category: category: category:			
P15			(See NOTE B10)							
P 9			f specific configuration							
	the info supplie informa	rmation contain r's knowledge a tion. The inform	no representations, gua ned in this document. A available at the time of c nation provided here is re for more information.	ll informatio completion, approximat	n provided by si and supplier sha	upplier in ti Il have no	his docume obligation to	nt is provide o update suc	d base h	d on
P 9			ied Monitors & Displays r.gov/products/office_ed							

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