

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		Lenovo
Internet site *	https://www.lenovo.com/us/en/sustainability-resources/		
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 T32q-27			
Model number *	63D5			
Issue date *	2022/06/17			
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 *	63D5	Logo	Long		
Issue date *		2022/06/17		Lend	JVC	
Product	environ	mental attributes - Legal requirements		Require	ment	met
Item		V 1		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.		\square		
P1.3*	Products hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), omofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrach ethane, methyl bromide (see legal reference). Comment: Legal reference has no m ration values.				
P1.4*	Products	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polych /l (PCT) in preparations (see legal reference).	lorinated	\boxtimes		
P1.5*	Products	s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 cart ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	oon atoms in the	e 🖂		
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/week			
P1.7*	REACH	Article 33 information about substances in articles is available at (add URL or mail o 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	s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadm e)	ium. (See lega			\boxtimes
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)				X
P3	Conform	nity verification & Eco design (ErP)				
P3.1*	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 and www.lenovo.com/us/en/compliance/uk-doc for UK	jal reference).			
P3.2*	The proc	duct complies with the Eco design requirements for energy-related products,		\boxtimes		
	· •	al reference). d information is; given in item P15 or added to this document,		\boxtimes		
	https://	available at (add URL):				
P5		packaging				
P5.1*		ng and packaging components do not contain more than 0,01% lead, mercury	v cadmium an	d 🔀		
	hexavale	ent chromium by weight of these together.	-			
P5.2*	used (se	kaging materials are marked with abbreviations and numbers indicating the nature one legal reference).				
P5.3*	(see lega	luct packaging material is free from ozone depleting substances as specified in the M al reference).	Iontreal Protoco	ol 🔀		
DC		nt: Legal reference has no maximum concentration values.				
P6		nt information				
P6.1*	mormati	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 n	umber *	63D5	Logo	Lon			
Issue date * 2022/06/17		2022/06/17		Len			
Product	Product environmental attributes - Market requirements (See General NOTE GN below)						
ltere	- Environmental conscious design Requirement met						
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14. Yes No n.a. Design						
F7		mbly, recycling					
P7.1*		t have to be treated separately are easily separable		\square			
P7.2*	Plastic m	naterials in covers/housing have no surface coating.					
P7.3*	Plastic p	arts > 100 g consist of one material or of easily separable materials.					
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 a	vailable tools.				
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).			Π		
	Product	lifetime					
P7.7*	Upgradir	ng can be done e.g. with processor, memory, cards or drives		\boxtimes			
P7.8*	Upgradir	ng can be done using commonly available tools		\boxtimes			
P7.9	Spare pa	arts are available after end of production for: 5 years					
P7.10	Service i	s available after end of production for: 5 years					
	Material	and substance requirements					
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):					
		type: ABS Material type: PC Materia type: SGCC Material type: SUS	al type: POM				
P7.12		n materials of external electrical cables are PVC free.			\square		
P7.13		n materials of internal electrical cables are PVC free.		<u> </u>			
P7.14		plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bi	romine and 0.1	<u> </u>			
	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 c	arcuit boards, PCBs (without components) are low halogen: all ⊠ PCBs > 25 g ad in IEC 61249-2-21. (See 1NOTE B2)	are low haloge	n	\square		
P7.16	Flame re Marking:	tarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:				\square	
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without co PA (additive), TBBPA (reactive) (See NOTE B3), Other: , CAS #:	omponents):	\boxtimes			
		nemical specifications of flame retardants in printed circuit boards (without compone g ISO 1043-4:	ents) > 25 g			\square	
P7.18		ame retarded plastic parts > 25 g contain the following flame retardant substance	s/preparations i	n			
		ations above 0,1%: ical name: , CAS #: (See NOTE B4)				\boxtimes	
		ical name: , CAS #: (See NOTE B4) ical name: , CAS #: "					
		ical name: , CAS #: "					
	Alt. 2: Cł	nemical specifications of flame retardants in plastic parts > 25 g according ISO 104	3-4:			\square	
P7.19		parts > 25 g, flame retardant substances/preparations above 0,1% are used which		<u> </u>	Ē		
	•	I the following Risk phrases; and Hazard statements:					
	The sour	rce(s) for these classifications is/are found at (add URL(s)): , (S	ee note B5)				
P7.20*	Postcons	sumer recycled plastic material content is used in the product (See Note B6):		\boxtimes			
		t least one of the two alternatives below shall be answered;					
		otal plastic parts' weight > 25 g, the postconsumer recycled plastic material conten ercentage of total plastic by weight) is 78.7%. (EPEAT calculation) / 85% (TCO c					
	or	weight of recycled meterial is 4005 5 m					
L	b) The	e weight of recycled material is 1095.5 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 num	ber * 63D5				Logo	Long			
Issue date *	2022/06	5/17				Leno	Lenovo		
Product er	nvironmental a	ttributes - Market	requirements (cont	inued)		Require	ment m	et	
Item			-			Yes	No n.a	ı.	
		stance requirements							
P7.21* E	7.21* Biobased plastic material content is used in the product (See NOTE B7):]	
	,		es below shall be answ	,					
á		ic parts' weight > 25 g by weight) is <i>0</i> %.	, the biobased plastic n	naterial content (calcul	ated as a percentage	e of			
	or	by weight) is 0%.							
l t	o) The weight o	of the biobased plastic							
			. less than 0,1 mg/lamp			\boxtimes]	
	f mercury is used	specify: Number of la	mps: and maxin	num mercury content p	ber lamp: mg				
	Battery chemical	composition:					\square	1	
		otion (See NOTE B8)						-	
			els or energy consumpt	ions are reported:					
Energy mode		Power level at	Power level at	Power level at	Reference/Stand	ard for ene	rgy]	
		100 V AC	115 V AC	230 V AC	modes and test r				
-	AR® On Mode*	21.47 W	21.44 W	21.56 W	ENERGY STAR Requirements f				
(System Idle))				Ver. 8.0	or Displays.			
ENERGY ST	AR® Low Power	0.53 W	0.53 W	0.54 W	ENERGY STAR				
Sleep Mode*	r				Requirements f	or Displays:			
		0.21 W	0.22 W	0.23 W	Ver. 8.0 ENERGY STAR	® Program			
ENERGY ST		0.27 11	0.22 **	0.20 11	Requirements f				
Apparent Off	Mode				Ver. 8.0				
PTEC *		W	W	W			\mathbf{X}]	
Typical Energenergenergenergenergenergenergenerg	gy Consumption		CO 75 WAlkhoor	60 40 k/M/b/seen	F = (0760/40/	00) w (D w 0	25	1	
	gy Consumption	68.84 kWh/year	68.75 kWh/year	69.18 kWh/year	$E_{TEC} = (8760/100)$ + $P_{SLEEP} \times 0.65)$	$(\mathbf{U}) \times (\mathbf{P}_{ON} \times \mathbf{U})$	35	1	
		ncy Level (Internationa	al Efficiency Marking Pr	otocol) * : N/A	ULLI VII		X	1	
					ENERGY STAR	® Program		<u> </u>	
Display resolution* : 2560*1440 megapixels Requirements f					Requirements f	or Displays:			
					Ver. 8.0 ENERGY STAR	Program			
Default time	to enter energy s	ave mode: 30 minute	!S		Requirements f				
	Ver. 8.0								
	19.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version:ES V8.0 Product category: <i>Display</i> .]			
		version:ES V8.0 Pro	duct category: Display						
	Emissions Noise emission :	- Declared according f	to ISO 9296 (See NOT	F 89)					
		Mode description	0100 0200 (000 110 11		nit A-weighted sound	d power level,	L _{WA c} (B)		
1 1	dle	k .		*	0	· • · · · · · · · · · · · · · · · · · ·		1	
	operation	*		*			$\overline{\mathbf{X}}$	j	
	Other mode	Declared A-weighted sour	nd pressure level (dB) $L_{p{\sf A}}$	m (operator p	osition desktop – idle)			
			nd pressure level (dB) L_{pAl}						
			1		······································	,			
'	Measured accord	ing to: ISO 7779	_ ECMA-74 (only if not covered b						

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	umber *	63D5	Logo	Long		
Issue dat	te *	2022/06/17		Leno	VO _m	
Product	environ	nental attributes - Market requirements (continued)		Require	ment m	iet
Item				Yes	No n	1.a.
		nagnetic emissions				
P10.4	program		ic fields of the following voluntar	гу 🛄		\ge
P12		nics for computing products				
P12.1*		lay meets the ergonomic requirements of ISO 9241-307 for visual		\square		
P12.2*	The phy	sical input device meets the requirements of ISO 9995 and ISO 92	241-410.	\boxtimes		
P13		ng and documentation				
P13.1*	Product	packaging material type(s): <i>EPS(Cushion)</i> weight (kg): (packaging material type(s): <i>Paper(Carton)</i> weight (kg): ' packaging material type(s): <i>EPE</i> weight (kg): '	1.896			
P13.2*	Product	plastic primary packaging is free from PVC.		\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				
	Elemental chlorine-free					
	Processed chlorine-free					
P14	Volunta	ry programs				
P14.1				Monitor		
P15	Additio	nal information (See NOTE B10)				
P9		consumption of specific configuration may vary; description				
	the info supplie informa	Supplier makes no representations, guarantees, assurances or rmation contained in this document. All information provided 's knowledge available at the time of completion, and supplie tion. The information provided here is approximate and provi t Representative for more information.	l by supplier in this document er shall have no obligation to (is provided update such	based of	'n
P 9	See Ene	rgy Star Qualified Monitors & Displays for the latest informat www.energystar.gov/products/office_equipment/displays	tion:			

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