



Ecma/TC38-TG3/2015/025 (Rev. 1 – 15 April 2015)

## Annex B1 - Product environmental attributes Imaging equipment

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 *	Brother	Logo
Company name *	Brother International Europe	
Contact information *		
e-mail address	EUBIEEnvironmentalGroup@brother.co.uk	
Internet site *	www.brother.com	
Additional information		

The company declares (based on product specification or test results based obtained from sample testing), that the product						
conforms to the statemen	conforms to the statements given in this declaration.					
Type of product *	Electro-photographic Printer					
Commercial name *	HL-L8260CDW					
Model number *	HL-L8260CDW					
Issue date *	20/February/2017					
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 B1**

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution P12.1-P12.2 Ergonomic requirements.

Issue date *		20/February/2017				
Product	Product environmental attributes - Legal requirements				ment	met
Item				Yes	No	n.a.
P1	Hazardo					
P1.1*	Products	s do comply with the current European RoHS Directive. (See legal reference and N $$	OTE B1)	$\boxtimes$		
P1.2*		do not contain Asbestos (see legal reference).  nt: Legal reference has no maximum concentration value.				
P1.3*	P1.3* Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values.					
P1.4*		do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychl (PCT) in preparations (see legal reference).	lorinated			
P1.5*		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).	bon atoms	in the		
P1.6*	(see leg	h direct and prolonged skin contact do not release nickel in concentrations above ( al reference).	),5 μg/cm²/	week		
5.4 = *		ht: 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 other.eu/reach	contact):			
P2	Batterie					
P2.1*	symbol.	duct contains a battery or an accumulator, the battery/accumulator is labeled with Information on proper disposal is provided in user manual. (See legal reference)	•			
P2.2*	Batteries referenc	or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadnet)	nium. (See	legal		
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)				$\boxtimes$
P3	Conform	nity verification & Eco design (ErP)				
P3.1*	The Dec	duct is CE-marked to show conformance with applicable legal requirements (see legal requirements): upport.brother.com/g/b/productsearch.aspx?c=gb⟨=en	gal referen	ce).		
P3.2*	The prod	luct complies with the Eco design requirements for energy-related products, al reference).				
	-	d information is; given in item P15 or added to this document, available at (add URL):				
	http://si	pport.brother.com/g/b/productsearch.aspx?c=gb⟨=en				
P4		hable materials				
P4.1*		o conductor (drum, belt etc.) is used in the product, it does not contain cadmium ma erence and NOTE B1).	ax 0,01% (	see 🔀		
P4.2*	If ink/ton	er is used in the product, it does not contain cadmium max 0,1% by weight (see leg	gal referen	ce).		
P4.3*	are Com applicab	/toner formulation/preparation is classified as hazardous or contains a substance for munity workplace exposure limits, the product/packaging is adequately labeled acc le regulations and a Safety Data Sheet (SDS) in accordance with these requiremental reference).	cording to			
P5		packaging				
P5.1*	Packagii hexavale	ng and packaging components do not contain more than 0,01% lead, mercurent chromium by weight of these together.				
P5.2*	used (se	kaging materials are marked with abbreviations and numbers indicating the nature e legal reference).				
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Mont Protocol (see legal reference).  Comment: Legal reference has no maximum concentration values.					
P6		nt information				
P6.1*	Informati	on for recyclers/treatment facilities is available (see legal reference).				

Logo

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 \* HL-L8260CDW

Model number *	lodel number * HL-L8260CDW			
Issue date *	20/February/2017			

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						
P7.1*	Disassembly, recycling Parts that have to be treated separately are easily separable		$\overline{}$				
			屵				
P7.2*	Plastic materials in covers/housing have no surface coating.						
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.	$\boxtimes$					
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		Ш				
D7 7*	Product lifetime						
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		X				
P7.8*	Upgrading can be done using commonly available tools		$\boxtimes$				
P7.9.	Spare parts are available after end of production for: 7 years						
P7.10	Service is available after end of production for: 7years						
	Material and substance requirements						
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):						
	Material type: PS-HI Material type: PC Material type: ABS						
P7.12	Insulation materials of external electrical cables are PVC free.		$\boxtimes$				
P7.13	Insulation materials of internal electrical cables are PVC free.		$\boxtimes$				
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 NOTE B2)						
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:  Marking: FR(40)						
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 #:						
	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: FR(17), FR(40)						
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:						
D7.00*	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):	$\boxtimes$					
	<ul> <li>If YES; at least one of the two alternatives below shall be answered;</li> <li>a) Of total plastic parts' weight &gt; 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is 1.22 %.</li> <li>or</li> <li>b) The weight of recycled material is g.</li> </ul>						

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 nun	el number * HL-L8260CDW				Logo				
Issue date	ue date * 20/February/2017								
	roduct environmental attributes - Market requirements (continued)						Req	uireme	ent met
Item							`	Yes N	No n.a.
D7 21*	Material and substance requirements (continued)  P7.21* Biobased plastic material content is used in the product (See NOTE B7):								7 🗆
1 7.21									
	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*			ee from mercury, i.e. le		nn.				<del></del>
1 7.22			pecify: Number of lam		mum mercury content per	lamp:	mg		
P8	Batteries	S			· · ·	·			
P8.1*	Battery c	hemical co	mposition:						$\boxtimes$
P9			on (See NOTE B8)						
P9.1	For the p	product the	following power levels	or energy consump	otions are reported:				
Energy mo	de *		Power level at 100 V AC	Power level at 115 V AC	Power level at <b>230</b> V AC	Reference/St modes and te		r ener	gy
Sleep mod			W	W	W				$\boxtimes$
STAR® Op (OM) produ		Mode							
Standby/of	f mode for	r	W	W	W				
ENERGY S	STAR Ope	erational							
Mode (OM)			kWh/week	kWh/week	1.8 kWh/week				
TEC value		OI SIAK	KVVII/WGGK	KWII/WEEK	1.0 KVVII/WEEK				Ш
(TEC= Typ	ical Enerc	nv							
Printing		<u> </u>	W	W	Approx. 580 W				
Quiet Mo	de/Printii	ng	W	W	Approx. 340 W				
Ready			W	W	Approx. 70 W				
Sleep			W	W	Approx. 10.0 W				一片
Deep Sle	ер		W	W	Approx. 1.2 W				ᆖ
Power Of			W	W	Approx. 0.03 W				$- \frac{\square}{\square}$
Networke		bur	W	W	Approx. 1.2 W				<del>-  </del>
		-	cy Level (International		Protocol) " :				
Print/Scan	Speed *	:	31 images per seco	nd					
Default time	Default time to enter energy save mode: 1 minutes								
P9.2*	9.2* Information about the energy save function is provided with the product.								
P10	Emissions								
D10.1	Noise emission – Declared according to ISO 9296 (See NOTE B9)  1.1 Mode Mode description Statistical upper limit A-weighted sound power level,								
· · · · · · · · · · · · · · · · · · ·		Statistical upper limit A-we L <sub>WA,c</sub> (B)	eigntea souna	power level,					
	Idle	*			*				
	Operatio	n *	Printing(mono)		* 6.55				$\overline{}$
	Other mo		Printing(color)		6.56				
	Measured according to: ISO 7779 ECMA-74								
			Other RAL-	UZ171 (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 nur	odel number * HL-L8260CDW		Logo								
Issue date	*	20/February/2017									
Product	environ	mental attributes	- Market req	uirements (co	ontinued)			Red	quire	ment	met
Item			-	•	•				Yes	No	n.a.
	Chemic	al emissions from	printing produ	icts (See NOTE	B10)						
P10.2*		rformed according to				sion Rates fro	m Electronic		$\boxtimes$		
		ent (ISO/IEC 28360)			71						
P10.3	Typical	emission rate (opera	ition phase) is (	(mg/h):							
	Electrop	hotographic devices	: Ozone	Dust	Styrene	Benzene	TVOC				
	Ink devi	ces:		Dust	Styrene	Benzene	TVOC				Ħ
	Note: co	ompliance with maxir	num emission i	rates in eco labe	els to be declar	red in P14.					
P11		nable materials for									
P11.1*		y Data Sheet (SDS)			eparation, ever	n if not legally	required (see I	P4.3).	X	П	
P11.2*	Paper of	containing post-cons	umer recycled	fibers can be	used, provide	d that it mee	ets the require	ments of			
P11.3*	2-sided	(duplex) printing/cop	ying is an integ	grated product fo	unction.				$\boxtimes$		
P11.4*	The pro	duct is delivered to e	end-user with de	efault auto-duple	ex enabled.				Ħ		
P13	Packag	ing and documenta	ation								
P13.1*	Product packaging material type(s): CRGTD-FBRBRD weight (kg): 2.45 Product packaging material type(s): PS-E weight (kg): 0.39 Product packaging material type(s): LDPE weight (kg): 0.10										
P13.2*	Product plastic primary packaging is free from PVC.										
P13.3*	•	duct primary corrug- er recovered fiber co		l packaging, sp %	ecify the cont	ained percen	tage of minim	um post-			
P13.4*	Electron	media for user and paic $\boxtimes$ , Paper $\boxtimes$ , O	ther	•							
P13.5	Ùser ar	only complete this it of product document please specify:									
	Totally	chlorine-free									
	Elemen	tal chlorine-free									
	Process	sed chlorine-free									
P14		ary programs:									
P14.1	The pro	duct meets the requi	rements of the	following volunt	ary program(s)	):					
	_	SY STAR® el: <i>(Blue Angel)</i>	Criteria version Criteria version	on: <b>2.0</b> on: <b>RAL-UZ171</b>	Date: <b>21/12</b> Date: <b>16/1</b>		luct category: Product catego	ory: Office	Equip		
	Eco-lab		Criteria versi	on:	Date:	Proc	luct category:				
P15	Additio	nal information (Se	e NOTE B11)								

NOTE B10 A Guidance document on Chemical Emissions 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 B11 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 B1

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P4.1
(EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)	P1.3, 5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
"REACH" Regulation (1907/2006), annex VII	P1.10
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) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
Regulation (EC) 1272/2008 (CLP Regulation)	P4.3, 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