

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 *	Canon	Logo
Company name *	Canon Europa N.V.	
Contact information *	environment@canon-europe.com	Canon
e-mail address		Carton
Internet site *	www.canon-europe.com	
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 *	MFD			
Commercial name *	imageRUNNER 1643i			
Model number *	imageRUNNER 1643i			
Issue date *	2019/10/12			
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.

Model number *		imageRUNNER 1643i	Logo				
Issue date *		2019/10/12			Canon		
Product	t environ	mental attributes - Legal requirements		Require	ement	met	
Item				Yes	No	n.a.	
P1		ous substances and preparations					
P1.1*	Products	s do comply with the current European RoHS Directive. (See legal reference and N	OTE B1)				
P1.2*		s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.		$\square$			
P1.3*	hydrobro trichloroe	do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), profluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetracl ethane, methyl bromide (see legal reference). Comment: Legal reference has no r ration values.		I-			
P1.4*		do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polych (PCT) in preparations (see legal reference).	nlorinated	$\square$			
P1.5*	chain co	e do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 can ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).					
P1.6*	(see lega	h direct and prolonged skin contact do not release nickel in concentrations above al reference). ht: Max limit in legal reference when tested according to EN1811:2011-5.	0,5 μg/cm²/v	veek			
P1.7*		Article 33 information about substances in articles is available at (add URL or mail	contact):	$\boxtimes$			
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 disposa				
P2.2*		s or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadr	nium. (See l	egal 🔀			
P2.3*	Batteries	and accumulators are readily removable. (See legal reference)		$\boxtimes$			
P3	Conform	nity verification & Eco design (ErP)					
P3.1*	The Dec europe.	duct is CE-marked to show conformance with applicable legal requirements (see le laration of Conformity can be requested at (add link or e-mail address): http://www com/ce-documentation/		e). 🔀			
P3.2*		duct complies with the Eco design requirements for energy-related products, al reference).		$\square$			
	Required	d information is; given in item P15 or added to this document,		$\bowtie$			
		available at (add URL): http://canon-europe.com/prin	ters/				
P4	Consum	hable materials					
P4.1*	legal refe	o conductor (drum, belt etc.) is used in the product, it does not contain cadmium m erence and NOTE B1).	-				
P4.2*	If ink/ton	er is used in the product, it does not contain cadmium max 0,1% by weight (see le	gal referenc	e). 🔀			
P4.3*	are Com applicab	/toner formulation/preparation is classified as hazardous or contains a substance f munity workplace exposure limits, the product/packaging is adequately labeled ac le regulations and a Safety Data Sheet (SDS) in accordance with these requirement al reference).	cording to				
P5		packaging					
P5.1*	hexavale	ng and packaging components do not contain more than 0,01% lead, mercurent chromium by weight of these together.	-				
P5.2*		kaging materials are marked with abbreviations and numbers indicating the nature re legal reference).	of the mater	rial(s) 🔀			
P5.3*	The pro Protocol	duct packaging material is free from ozone depleting substances as specified (see legal reference). t: Legal reference has no maximum concentration values.	in the Mo	ntreal 🔀			
P6		nt information					
P6.1*		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 number *		imageRUNNER 1643i	Logo			
Issue date *		2019/10/12		Ca	10	n
	Environn	mental attributes - Market requirements (See General NOTE GN below) nental conscious design		Require	ment i	net
Item		tory to fill in. Additional information regarding each item may be found under P14.		Yes	No r	i.a.
P7	Design	nbly, recycling				
P7.1*		t have to be treated separately are easily separable				
P7.2*		aterials in covers/housing have no surface coating.			╞	+
P7.3*		arts > 100  g consist of one material or of easily separable materials.			<u>+</u>	<u> </u>
P7.4*		arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			╞	<u> </u>
P7.5		arts are free from metal inlays or have inlays that can be removed with commonly available from metal inlays or have inlays that can be removed with commonly available from the second	ailable too		<u>+</u>	<u> </u>
P7.6*		e easily separable. (This requirement does not apply to safety/regulatory labels).			<u> </u>	<u> </u>
F7.0	Product					
P7.7*		g can be done e.g. with processor, memory, cards or drives				
P7.8*		g can be done using commonly available tools			<u> </u>	
P7.9.	10	rts are available after end of production for: years				<u> </u>
P7.10		s available after end of production for: years				╞
17.10		and substance requirements				
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):				
	Material t	ype: ABS Material type: PC+ABS Material	type:			
P7.12	Insulation	materials of external electrical cables are PVC free.	<i>.</i>		$\boxtimes$	
P7.13	Insulatior	n materials of internal electrical cables are PVC free.				Π
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 of	sircuit boards, PCBs (without components) are low halogen: all PCBs > 25 as defined in IEC 61249-2-21. (See NOTE B2)	ig 🗌 are	e low		
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:					
P7.17	<u>Alt. 1: Ch</u>	emical specifications of flame retardants in printed circuit boards > 25 g (without con additive) , TBBPA (reactive) (See NOTE B3), Other; chemical name:	nponents): CAS #:			
		emical specifications of flame retardants in printed circuit boards (without componen g ISO 1043-4:	ts) > 25 g			
P7.18	concentra 1. Chemi 2. Chemi	ame retarded plastic parts > 25 g contain the following flame retardant substances/ ations above 0,1%: cal name: , CAS #: (See NOTE B4) cal name: , CAS #: " cal name: , CAS #: "	preparatio	ons in		
	<u>Alt. 2: </u> Cł	nemical 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 h the following Risk phrases; and Hazard statements:				
			OTE B5)			
P7.20*	Postcons	umer recycled plastic material content is used in the product (See NOTE B6):		$\boxtimes$		
	a) Of to perc	t least one of the two alternatives below shall be answered; otal plastic parts' weight > 25 g, the postconsumer recycled plastic material content ( entage of total plastic by weight) is %.	calculated	l as a		
	or b) The	weight of recycled material is 26.9 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 <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 nu			NNER 1643i			Logo			_
Issue date * 2019/10/*		2019/10/1	(12				Can	non	
Product	environr	nental atti	ributes - Market rec	quirements (con	tinued)		Require	ment n	net
Item							Yes	No i	n.a.
D7.04*			ance requirements (c						
P7.21*			terial content is used in						$\boxtimes$
	a) Of t tota or	total plastic al plastic by		the biobased plastic	wered; c material content (calcu	lated as a perce	entage of		
P7.22*	Light sou	urces are fre	ee from mercury, i.e. le becify: Number of lamp	ess than 0,1 mg/lam	p. mum mercury content pe	er lamp: r	ng		
P8	Batterie					i lamp. i			
P8.1*			nposition: <i>Lithium</i>						
P9			on (See NOTE B8)						-
P9.1		-	following power levels	or energy consump	tions are reported:				
Energy mo			Power level at 100 V AC	Power level at 115 V AC	Power level at <b>230</b> V AC	Reference/Sta modes and te		nergy	
	de for ENE perational lucts		W	W	W				
Standby/off mode for ENERGY STAR Operational Mode (OM) products		erational	W	W	W				
TEC value for ENERGY STAR TEC products			kWh/week	kWh/week	1.4 kWh/week		AR (US scheme) iteria Version 2.0 inment		
(TEC= Typical Energy Consumption)				<i>0.41</i> kWh/week	ENERGY ST	AR (US scheme) iteria Version 3.0			
MAX			W	W	1420 W	Canon's Ow	n Standard		
Printing(	Average)		W	W	590 W	Canon's Ow	n Standard		Ħ
Standby			W	W	<b>13.6</b> W	Canon's Ow	n Standard		Ē
Low Pow	er		W	W	W	Canon's Ow	n Standard		$\overline{\boxtimes}$
Sleep			W	W	0.9 W	Canon's Ow	n Standard		
· ·			W	W	W				屵
External F	ower Supr	oly Efficienc	y Level (International E						븜
Print/Scar			43 images per minute						
	•		<b>°</b> 1			_			片
			e mode: 1 minutes	· · · · · · · · · · · · · · · · · · ·	e www.du.et		<b>N</b>		닏
P9.2*			e energy save functior	n is provided with th	e product.				
P10	Emissio	-		50 0206 (Dee NOT					
P10.1	Mode		Declared according to ISO 9296 (See No Mode description		E B9) Statistical upper limit A-v L <sub>WA,c</sub> (B)	veighted sound p	oower level,		
	Idle	*	Standby * Not Detect						
	Operatio		Print		7.29				Ħ
	Other m								<u> </u>
	Measure	ed according		ECMA-74 (only if not covered	by ECMA-74)				. <u> </u>

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 *		imageRUNNER 1643i Logo			
Issue date *		2019/10/12	Cal	101	n
	environ	mental attributes - Market requirements (continued)	Requi		
Item			Ye	s No	n.a.
D40.0t		cal emissions from printing products (See NOTE B10)			
P10.2*	•	erformed according to ECMA-328 Determination of Chemical Emission Rates from Electronic nent (ISO/IEC 28360), other specify:	$\square$		
P10.3		emission rate (operation phase) is (mg/h):			
	Electro	photographic devices: Ozone <loq(=0.12) 0.01="" 0.13="" 1.24="" 4.0<="" benzene="" dust="" styrene="" td="" tvoc=""><td>6</td><td></td><td></td></loq(=0.12)>	6		
	Ink dev				
	Note: c	ompliance with maximum emission rates in eco labels to be declared in P14.			
P11		mable materials for printing products			
P11.1*		y Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3)	).		
P11.2*		containing post-consumer recycled fibers can be used, provided that it meets the requirement			
P11.3*		(duplex) printing/copying is an integrated product function.	X		
P11.4*		oduct is delivered to end-user with default auto-duplex enabled.			$- \square$
P13		ling and documentation			
P13.1*	Product Product	t packaging material type(s): Corrugated Paper weight (kg): 4.49 t packaging material type(s): EPS weight (kg): 0.68			
P13.2*		t packaging material type(s): <i>PE</i> weight (kg): <i>0.13</i> t plastic primary packaging is free from PVC.			
P13.3*	For pro	duct primary corrugated fiberboard packaging, specify the contained percentage of minimum p			
		ner recovered fiber content: 25%%			
P13.4*	Specify Electro	media for user and product documentation (tick box): nic 🔀, Paper 🔀, Other 🗌			
P13.5	Úser ar	e only complete this item if paper documentation used) nd product documentation on paper media is chlorine-free: please specify:			l
	Totally	chlorine-free			
	Elemen	tal chlorine-free			
	Process	sed chlorine-free			
P14	Volunta	ary programs:			
P14.1	The pro	oduct meets the requirements of the following voluntary program(s):			
		GY STAR® Criteria version: Date: Product category:			
	Eco-lab				
P15	Eco-lab	Del: Criteria version: Date: Product category: Del Date: Product category: Date: Da			
P1.1		t on this declaration comply with EU RoHS Directive(2001/65/EU).			
	The cur Lo M	admium			
	P	lexavalent chromium olybrominated biphenyls(PBB) olybrominated diphenyl ethers(PBDE)			
		his is based on knowledge as of the date of this document.			
P1.7		anon-europe.com/about_us/sustainebility/business/reach_customer_statement/			-
10.1	Sound	Pressure (LpAm) Bystander's position Active(BW) (1-sided/2-sided) : 54 / 53 dB Standby : 24 dB			
		Operator position Active(BW) (1-sided/2-sided) : 59/59 dB Standby : 26 dB			

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