



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 *	KODAK	Logo
Company name *	KODAK ALARIS HOLDINGS LIMITED (KAHL)	
Contact information *	gregory.n.batts@kodakalaris.com	Kodak alaris
e-mail address		NOOOK GIGI 13
Internet site *	www.kodakalaris.com	
Additional information	KODAK ALARIS HOLDINGS LIMITED	

	based on product specification or test results based obtained from sample testing), that the product nts given in this declaration.
Type of product *	KIOSK ORDER & PRINT STATION
Commercial name *	KODAK Picture Kiosk Order Station
Model number *	G20
Issue date *	29 th February 2016
Intended market *	☐ Global 区 Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other
Additional information	This imaging equipment is known in our industry as a kiosk and is built around a computer connected with a touch-screen monitor combined with a cabinet for placing in retail outlets. The equipment can be connected to a wide variety of printers, including thermal, electrophotographic (EP) and ink-jet ranging from 4x6 to poster print format. These technologies are "dry" with no environmentally-hazardous chemicals and have lower power consumptions compared with "wet" i.e. silver halide image processing. Some of the smaller printers can be housed inside the cabinet. Scanners for films and prints can also be connected along with other imaging peripherals. Most cabinets are connected to a non 3-phase power supply such that the peripherals plug into the cabinet for power. Compliance testing for CE marking was carried out on the combined components in the most challenging arrangement and the DoC issued accordingly. The computer is at the heart of the kiosk and complies with the EU's ErP Lots 3 & 6 and is certified for several EcoLabels including Energy Star (6.0), Blue Angel and EPEAT Gold. The touch-screen monitor is also Energy Star compliant. However, given the nature of the print functions for our kiosks, it is not feasible to use Energy Star compliant printers. Annex-B1 is more appropriate than B2 as we are declaring the environmental attributes of the complete imaging equipment which prints a variety of customer orders. For example prints, photobooks, calendars and posters.

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 *	G20	Logo	
Issue date *	29 th February 2016		Kodək alaris

Product	oduct environmental attributes - Legal requirements						
Item	·	Yes	No	n.a.			
P1	Hazardous substances and preparations						
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	X					
P1.2*	Products do not contain Asbestos (see legal reference).	X					
D 1 01	Comment: Legal reference has no maximum concentration value.						
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	X					
	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*	Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated	Х					
	terphenyl (PCT) in preparations (see legal reference).						
P1.5*	Products do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the	ne X					
D4 0*	chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).			V			
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm ² /wee (see legal reference).	k		X			
	Comment: Max limit in legal reference when tested according to EN1811:2011-5.						
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	X					
	gregory.n.batts@kodakalaris.com		ш				
P2	Batteries						
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal	Х					
	symbol. Information on proper disposal is provided in user manual. (See legal reference)						
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal	al X					
D0 0*	reference)						
P2.3*	Batteries and accumulators are readily removable. (See legal reference)		Х				
P3	Conformity verification & Eco design (ErP)		_				
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address): www.kodakalaris.com	X					
P3.2*	The product complies with the Eco design requirements for energy-related products,	X					
1 0.2	(see legal reference).	^	ш	ш			
	Required information is; given in item P15 or added to this document,	X					
	X available at (add URL): www.kodakalaris.com						
P4	Consumable materials						
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0,01% (see			X			
P4.2*	legal reference and NOTE B1).		_				
	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	X	Щ.				
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there are Community workplace exposure limits, the product/packaging is adequately labeled according to			X			
	applicable regulations and a Safety Data Sheet (SDS) in accordance with these requirements is available						
	(see legal reference).						
P5	Product packaging						
P5.1*	Packaging and packaging components do not contain more than 0,01% lead, mercury, cadmium and X						
D= 0*	hexavalent chromium by weight of these together.						
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) X used (see legal reference).						
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montre	eal X					
	Protocol (see legal reference).		_				
De	Comment: Legal reference has no maximum concentration values. Treatment information						
P6 P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	X					
1 0.1	intormation for rooyoters/treatment facilities is available (see legal feletielle).	^					

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 *	G20	Logo	_
Issue date *	29 th February 2016		Kodak alaris

Product	environmental attributes - Market requirements (See General NOTE GN below)	D!		1
	Environmental conscious design	Require		
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	X		
P7.2*	Plastic materials in covers/housing have no surface coating.		X	
	<u> </u>		^	_#
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	X	ᆜ	<u> </u>
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.	X	Ш	<u> </u>
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	X		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	X		
D7 7*	Product lifetime		_	
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	X	<u>Ц</u>	<u> </u>
P7.8*	Upgrading can be done using commonly available tools	X		
P7.9.	Spare parts are available after end of production for: 5 years			
P7.10	Service is available after end of production for: 5 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			
·-	Material type: Steel Material type: Aluminium Material type: Plastic			
P7.12	Insulation materials of external electrical cables are PVC free.	X	Щ	
P7.13	Insulation materials of internal electrical cables are PVC free.	X		
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.	l		
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all X PCBs > 25 g are low haloger	n X		
	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)	X		
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components): TBBPA (additive) X, TBBPA (reactive) (See NOTE B3), Other; chemical name: , CAS #:	X		
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4: FR(40) & FR(16)	X		
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 #: "			Х
	3. Chemical name: , CAS #: " Althoration larger if and the section and the se			
D7 10	Alt. 2: Chemical 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 have been assigned the following Risk phrases; <i>R43</i> and Hazard statements: The source(s) for these classifications is/are found at (add URL(s)): 67/548/EEC, 1272/2008 (See NOTE		Ш	
	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 %. or b) The weight of recycled material is g.	1		

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	nber *	ber * G20			Logo	_		
Issue date) *	29 th Febr	ebruary 2016				Kodak alaris	
	Product environmental attributes - Market requirements (continued)						Requirement met	
Item							Yes No n.a.	
D7 04*	Material and substance requirements (continued) Biobased plastic material content is used in the product (See NOTE B7):							
P7.21*		•						
	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							
	,		the biobased plastic m	<u> </u>				
P7.22*	-		ree from mercury, i.e. le		•		Х	
Do	Batteries	·	specify: Number of lamp	os: and maxim	um mercury content per la	mp: mg		
P8.1*			emposition: LITHIUM				х П П	
P9			ion (See NOTE B8)				^	
P9.1			following power levels	or energy consum	ptions are reported:			
Energy mo			Power level at	Power level at		Reference/Sta	andard for energy	
Lifelgy IIIC	ue		100 V AC	115 V AC	230 V AC	modes and te	3,	
Sleep mod	le for ENE	RGY	W	W	1.64 W			
STAR® O	perational							
(OM) produ			W	W	0.37 W			
Standby/of ENERGY :			VV	VV	0.37 VV			
Mode (OM								
TEC value		GY STAR	kWh/week	kWh/week	126.12 kWh/week			
TEC produ	ıcts							
(TEC= Typ	oical Energ	ly						
Idle			W	W	31.36 W			
			W	W	W			
			W	W	W			
			W	W	W			
			W	W	W			
			W	W	W			
		. =						
External P	ower Supp	oly Efficien	cy Level (International	Efficiency Marking	Protocol) *: V	Protocol (20	Efficiency Marking 13)	
Print/Scan	Speed *	:	This varies with the pr	inter and type of p	roduct being created by		X	
the user. ir							v	
Default tim							X	
_	P9.2* Information about the energy save function is provided with the product.							
P10	Emissions							
P10.1	Noise emission – Declared according to ISO 9296 (See NOTE B9) D.1 Mode Mode description Statistical upper limit A-weighted sound power level,							
1 10.1	Mode	l v	lode description		L _{WA,c} (B)			
	Idle	*	Idle		* 3.7			
	Operation * Hard Drive Access		* 3.7					
	Other mo	ode	Optical Drive		5.2			
	Measure	d accordin	g to: X ISO 7779 🔲 E	CMA-74				
			Other	only if not covered	d by ECMA-74)			

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.

NOTE B8 A Guidance document on Energy Efficiency is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

Model nun	mber * G20		Logo							
Issue date	e date * 29 th February 2016						Codak c	k alaris		
Product 6	environ	mental attributes - M	arket requirem	ents (continue	ed)			Require	ment	met
Item								Yes	No	n.a.
		al emissions from prin								
P10.2*		formed according to EC		ation of Chemica	Emission R	ates from E	lectronic			X
D40.0		,	, other specify:							
P10.3		emission rate (operation	. , , , ,							X
	Electrophotographic devices: Ozone Dust Styrene Benzene TVOC X							X		
	Ink devi	ces:	Dust	Styren	Э В	enzene	TVOC			^
	Note: co	mpliance with maximum	n emission rates in	eco labels to be	declared in	P14.				
P11		nable materials for prir	<u> </u>							
P11.1*		Data Sheet (SDS) is av					, ,			
P11.2*	Paper of EN 122	containing post-consume 81.	er recycled fibers	can be used, p	rovided that	it meets the	he requirements	s of	X	
P11.3*	2-sided	(duplex) printing/copying	g is an integrated p	product function.	(Where feas	sible)		X		
P11.4*	The pro	duct is delivered to end-	user with default a	uto-duplex enabl	ed. (Printer	s with dupl	ex functionality	/) X		
P13	Packag	ing and documentation	า							
P13.1*	Product	packaging material type packaging material type packaging material type	e(s): <i>Plastic</i>	weight (kg): 6.5 weight (kg): 0.6 weight (kg): 0						
P13.2*		plastic primary packagir		•				X		
P13.3*		duct primary corrugated er recovered fiber conte		aging, specify the	contained	percentage	of minimum po	ost-		X
P13.4*	-	media for user and prod nic X Paper X, Other	uct documentation	tick box):						
P13.5	Ùser ar	only complete this item d product documentation please specify:							X	
	Totally	chlorine-free								
	Elemen	tal chlorine-free						Ħ		
	Process	ed chlorine-free						┌		
P14	Volunta	ry programs:								
P14.1	The pro	duct meets the requirem	ents of the following	ng voluntary prog	ram(s):					
	ENERG	Y STAR® C	riteria version:	Date	•	Product	category:			
	Eco-lab		riteria version:	Date			category:			
P15	Eco-lab	ei: Ci nal information (See N	riteria version:	Date		Product	category:			
15.1				p system for co	llecting and	l refurbishi	na the kiosks.	monitors an	d prin	nters
	Kodak Alaris has a well-established closed loop system for collecting and refurbishing the kiosks, monitors and printers placed on the market in Europe. These are taken to our facility in Germany where they are checked, upgraded where									
	approp	riate and put back into	the market as us	sed items.						
15.2	is left c	nch-screen monitor me In for almost the whole Inpliant, has Blue Ang	working day as a	a display in reta						

NOTE B10 A Guidance document on Chemical Emissions is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

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