



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 *	HP	Logo
Company name *	HP	
Contact information * e-mail address	Sustainability and Compliance Center (SCC) <u>sustainability @hp.com</u>	
Internet site *	https://www8.hp.com/us/en/hp-information/global-citizenship/index.ht	ml
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 *	LaserJet printer			
Commercial name *	HP LaserJet Pro MFP M428dw, HP LaserJet Pro MFP M428fdn, HP LaserJet Pro MFP M428fdw			
Model number *	W1A28A, W1A29A, W1A30A			
Issue date *	June 1, 2019			
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 *	W1A51A, W1A52A, W1A53A, W1A56A	Logo	
Issue date *	June 1, 2019		IP

Product	Require	ment	met	
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)			
P1.2*	Products do not contain Asbestos (see legal reference).	$\overline{\boxtimes}$		
	Comment: Legal reference has no maximum concentration value.			
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\boxtimes		
	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 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 chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).			
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/week			\boxtimes
	(see legal reference).		ш	
	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):	\boxtimes		
	http://www.hp.com/hpinfo/globalcitizenship/environment/productdata/reachprinting-and-im.html	_	_	_
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal			\boxtimes
	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 reference)			
P2.3*	Batteries and accumulators are readily removable. (See legal reference)			\boxtimes
P3	Conformity verification & Eco design (ErP)			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference).	X	П	
	The Declaration of Conformity can be requested at (add link or e-mail address):		ш	
P3.2*	The product complies with the Eco design requirements for energy-related products, (see legal reference).			
	Required information is; given in item P15 or added to this document,	\square		
	available at (add URL):		ш	
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		$\overline{}$	
1 4.1	legal reference and NOTE B1).		ш	Ш
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0,1% by weight (see legal reference).	\boxtimes		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there			\boxtimes
	are Community workplace exposure limits, the product/packaging is adequately labeled according to	_	_	_
	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 hexavalent chromium by weight of these together.	d 🖂		
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	$\overline{}$	
F3.2	used (see legal reference).) 🔀	Ш	Ш
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea	ı 🖂		
	Protocol (see legal reference).		ш	
	Comment: Legal reference has no maximum concentration values.			
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\boxtimes		

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 *	W1A51A, W1A52A, W1A53A, W1A56A	Logo	
Issue date *	June 1, 2019		UP

Product	t environmental attributes - Market requirements (See General NOTE GN below)			
	Environmental conscious design	Require	ment	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 constrately are easily constable.			
	Parts that have to be treated separately are easily separable		<u> </u>	
P7.2*	Plastic materials in covers/housing have no surface coating.		<u></u>	
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.	\boxtimes	<u>Ц</u>	<u> </u>
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).	\boxtimes		
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives			\boxtimes
P7.8*	Upgrading can be done using commonly available tools			\boxtimes
P7.9.	Spare parts are available after end of production for: 5 years			
P7.10	Service is available after end of production for: 3 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			
	Material type: ABS Material type: PC+ABS-FR(40) Material type:			
P7.12	Insulation materials of external electrical cables are PVC free.			
P7.13	Insulation materials of internal electrical cables are PVC free.			
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:	\boxtimes		
	Marking: 40		ш	ш
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)			Ш
	2. Chemical name: , CAS #: "			
	3. Chemical name: , CAS #: "			
	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; and Hazard statements:			
	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):	X	П	
	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			
1	b) The weight of recycled material is 6.7 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 * W1A51A,		W1A52A, W1A53A,	W1A56A		Logo				
Issue date * June 1, 2		019				וה	ג		
							Wi	J	
Doordoot			alles de la Manda de la		· (!I)		Description		
Item	environii	ientai att	<mark>ributes - Market re</mark>	quirements (cor	itinuea)		Requirer Yes	No	n.a.
Itom	Material	and subst	ance requirements (continued)			100	140	11.4.
P7.21*			aterial content is used		NOTE B7):			\square	\Box
	If YES: a	t least one	of the two alternatives	s below shall be ans	swered:		_		
	a) Of to		parts' weight > 25 g,		ic material content (calcu	lated as a perc	entage of		
			he biobased plastic m						
P7.22*			ee from mercury, i.e. le pecify: Number of lam		np. imum mercury content p	er lamp:	mg		
P8	Batteries								
P8.1*			mposition: <i>Lithium ca</i>	arbon monofluorid	e				
P9			on (See NOTE B8)						
P9.1	For the p	roduct the	following power levels	or energy consum	ptions are reported:				
Energy mo	ode *		Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/S modes and to		nergy	
Sleep mod	le for ENEI	RGY	W	W	W				\boxtimes
STAR® Op		Mode							_
(OM) produ Standby/of			W	W	W				
ENERGY S			,,,		, ,				
Mode (OM)	<i>,</i> ,								
TEC value TEC produ		GY STAR	N/A kWh/week	0.412 kWh/week	0.437 kWh/week		TAR® Product for	•	Ш
						imaging pro	oducts (Ver. 3.0)		
(TEC= Typ Consumpti		у							
			W	W	W				
			W	W	W				
			W	W	W				$\overline{\Box}$
			W	W	W				一一
			W	W	W				旹
			W	W	W				∺
		. =							ᆜ
External Po	ower Supp	ly Efficiend	cy Level (International	Efficiency Marking	Protocol) * : VI				Ш
Print/Scan	Speed *	•	40 images per minute						
Default tim		<u> </u>	ve mode: 1 minutes						
P9.2*	9.2* Information about the energy save function is provided with the product.								
P10	Emissio								
D40.4			Declared according to			and all the design and			
P10.1	Mode	M	ode description		Statistical upper limit A-weighted sound power level, $L_{WA,c}$ (B)				
	Idle * Ready * Inaudible				$\overline{\Box}$				
	Operation		Printing		* 6.7				+
	Other mode								
	Measure	d according	g to: X ISO 7779	ECMA-74					
	Other (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 http://www.ecma-international.org/publications/standards/Ecma-370.htm

NOTE B9 A Guidance document on Acoustic Noise is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

Model number *	W1A51A, W1A52A, W1A53A, W1A56A	Logo	
Issue date *	June 1, 2019		WP)

Product 6	environmental attributes - Market re	quirements (c	ontinued)		Re	equire	ment	met
Item		•	•			Yes	No	n.a.
	Chemical emissions from printing pro-							
P10.2*	Test performed according to ECMA-328	Determination of	Chemical Emis	ssion Rates from El	ectronic	X		
	Equipment (ISO/IEC 28360), other sp		05					
P10.3	Typical emission rate (operation phase) is	s (mg/h):						
	Electrophotographic devices: Ozone	Dust	Styrene	Benzene	TVOC			
	Ink devices:	Dust	Styrene	Benzene	TVOC			Ħ
	Note: compliance with maximum emissio	n rates in eco lab	els to be decla	red in P14.				
P11	Consumable materials for printing pro							
P11.1*	A Safety Data Sheet (SDS) is available for		eparation, eve	n if not legally requ	ired (see P4.3).	X	П	П
P11.2*	Paper containing post-consumer recycle EN 12281.	ed fibers can be	used, provide	ed that it meets th	e requirements of			
P11.3*	2-sided (duplex) printing/copying is an int	egrated product f	unction. (exce	pt W1A52A)		\boxtimes		
P11.4*	The product is delivered to end-user with default auto-duplex enabled. (except W1A52A)						Ħ	H
P13	Packaging and documentation		,	,				
P13.1*	Product packaging material type(s): Corr	ugated weight	(kg): 7.6					
	Product packaging material type(s): HDP		(kg): 0.27					
	Product packaging material type(s): Poly		weight (kg):	0.94				
P13.2*	Product plastic primary packaging is free					\boxtimes		
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-							
	consumer recovered fiber content:	%						
P13.4*	Specify media for user and product docu	mentation (tick bo	x):					
	Electronic 🔀, Paper 🔀, Other 🗌							
P13.5	(Please only complete this item if paper of							
	User and product documentation on pape	er media is chlorir	ne-free:					
	If Yes, please specify:							
	Totally chlorine-free							
	Elemental chlorine-free							
	Processed chlorine-free							
P14	Voluntary programs:							
P14.1	The product meets the requirements of the	e following volun	tary program(s	s):				
	ENERGY STAR® Criteria ver	sion:	Date:	Product of	category:			
	Eco-label: Criteria ver		Date:	Product of				
	Eco-label: Criteria ver		Date:	Product of	category:			
P15	Additional information (See NOTE B11		otion io volid -	o of the data the state	alaration is nublished	d Ch-	n a o o . t	
All	Product environmental information contains external standards referenced in the IT E							
			,					-

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.

- Many printers are offered in multiple configurations within the model family. Energy efficiency data listed in this declaration is for an ENERGY STAR® qualified configuration if offered within the model family. HP printers marked with the ENERGY STAR® Logo qualify for the U.S. Environmental Protection Agency (EPA) ENERGY STAR® award for imaging equipment. For more information about HP's ENERGY STAR® qualified products, go to hp.com: http://www.hp.com/ and select the applicable market segments and product categories to find printers or scanners that meet the ENERGY STAR® specifications.
 - specifications.

 2. If a model family does not offer ENERGY STAR® qualified configurations, then energy efficiency data listed is for a typically configured model.
 - 3. Energy Efficiency information published on the ECMA 370 The Eco Declaration represents a typically configured product base that qualifies for ENERGY STAR® if offered within the model family. If optional components or modules are added, these can change the energy efficiency data listed above.
 - 4. European Union Commission Regulation 1275/2008- Energy Information:

Mode/Condition	Power (W)	Default time to (if applicable)
Off	0.061	240 min
Standby (if applicable)	N/A	N/A
Condition with network standby (sleep mode)	0.042	1 min
Condition with network standby (sleep mode) when all wired network ports are connected and all wireless network ports are activated	1.03	1 min

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

Company environmental profile - THE ECO DECLARATION

Brand	HP	Logo	
Company name *	HP		
Contact information *	Sustainability and Compliance Center (SCC) sustainability@hp.com	(IP)	
Internet site *	https://www8.hp.com/us/en/hp-information/global-citizenship/index.html		
Issue date *	June 1, 2019		
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.

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable). Additional information regarding each item may be found under C6.

Quality control		Requirement met	
Item		Yes	No
QC1 *	The company enforces an internal quality control system to ensure the correctness of this eco declaration		
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control		

Compan	Company environmental profile - Legal requirements Requirement met			
Item		Yes	No	n.a.
C1	Product recycling			
C1.1*	The company participates in a system or has its own system for collection and recycling of end of products in countries where the company puts them on the market and where required (see legal reference)			
C2	Battery recycling			
C2.1*	The company participates in a system or has its own system for collection and recycling of batteries countries where the company puts products on the market (see legal reference) or pays eco tax / fee whe required.			
C3	Packaging recycling			
C3.1*	The company participates in a system or has its own system for collection and recycling of packag material in countries where the company puts products on the market and where required (see le reference)			

Company environmental profile - Market requirements		Require	Requirement met		
Item		Yes	No	n.a.	
C4	Environmental policy and environmental management				
C4.1*	The company has a documented environmental policy approved by the management.				
C4.2*	The company has an environmental management system covering: Product development Manufacturing If so certified according to: ISO 14001 Other as specified in C7	\boxtimes			
C4.3	The company regularly publishes an environmental report.	\boxtimes			
	If so, it meets the recommendations of The Global Reporting Initiative Other as specified in C7				
C5	Recycling				
C5.1*	Information about the product, battery & packaging take back system (C1, C2 and C3) is available in prir or electronic format.	nted 🔀			
C6	Additional information				
	HP has received ISO 14001 certification for its manufacturing operations (Worldwide Manufacturing Imaging Products and Related Operations) and for product design for its Personal Systems Product Interprise Printing Products. The product design certifications include HP-wide product environg processes (such as HP's General Specification for the Environment) that cover all HP products.	<u>ucts</u> <mark>and </mark> La	serJet	and	
	HP is committed to responsible business practices and transparency in its global citizenship policy We have a long history of working with suppliers to monitor and improve their social and environ (SER) performance when required, as well as improving standards in the industry. HP endorses to the conduct in its entirety, and we have supplemented it with additional requirements specific to free well as HP's Student and Dispatch Worker Guidance Standard for Supplier Facilities in the People (PRC). HP also has a strong Global Human Rights Policy in place. HP expects its suppliers to est processes regarding conflict minerals. HP conducts due diligence on its supply chain annually in information about our suppliers' own due diligence and the smelters and refiners used. HP was a publish its supply chain smelter list. HP follows the Global Reporting Initiative (GRI) guidelines at The GRI index provides easy reference to HP's Living Progress Report (LPR) content. HP offers to products and printing suppliers in some 70 countries. Please refer to HP's Living Progress Report (LPR) content.	mental respondental respondentation respondental respondentation respondental respo	oonsib de of ociation of Ch ies and juestin compair r repoi ervices	ility on as oina oi	

Legal references Europe Annex A

Reference	Declaration item
2002/96/EC (WEEE directive)	C1.1
2006/66/EC (Battery and accumulators Directive)	C1.2
2004/12/EC (Directive on packaging and packaging waste)	C1.3