

Product environmental attributes - THE ECO DECLARATION

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 P14.

Brand *	Hewlett-Packard	Logo
Company name *	Hewlett-Packard Company	
Contact information *	Hans Wendschlag http://www.hp.com/hpinfo/globalcitizenship/environment/contactem-ail.html	UP
Internet site *	http://www.hp.com/hpinfo/globalcitizenship/environment/	
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 *	Handheld PC / Smart Phone					
Commercial name *	HP Veer					
Model number *	Veer					
Issue date *	6/03/2011					
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.

Quality	Requireme	nt met	
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme 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 such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

Model number *	Veer		
Issue date *	6/03/2011	Logo	(II)

Product	oduct environmental attributes - Legal requirements			met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)			
P1.2*	Products do not contain Asbestos (see legal reference). 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	_		
D4 4*	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).		<u> </u>	
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).		Ш	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values.			
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)			
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\square
	pentachlorophenol and derivatives (see legal reference).	ш		
D4.0*	Comment: Legal reference has no maximum concentration values.		_	_
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm²/week (see legal reference).		Ш	
P1.10*	Comment: Max limit in legal reference when tested according to EN1811:1998. REACH Article 33 information about substances in articles is available at (add URL or mail contact):			
1 1.10	http://www.hp.com/hpinfo/globalcitizenship/environment/productdata/reachdesktop-pcs.html		Ш	Ш
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference)			
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or			
	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			Ш
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical			
	or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).			Щ.
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).		Щ	<u> </u>
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).			
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\boxtimes		
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 legal reference and Note B1).			
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 according to applicable regulations, the product/packaging is adequately labeled 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.			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	X		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.			

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

Model number *	Veer		
Issue date *	6/03/2011	Logo	

Product	environmental attributes - Market requirements - 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.		
P6	Treatment information					
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	\boxtimes				
P7	Design Disassembly, recycling					
P7.1*	Parts that have to be treated separately are easily separable					
P7.2*	Plastic materials in covers/housing have no surface coating.		H			
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.		$\overline{\Box}$			
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.		Ħ			
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		Ħ			
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		Ħ	Ħ		
	Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		П	\square		
P7.8*	Upgrading can be done using commonly available tools	$\overline{\Box}$	Ħ			
P7.9.	Spare parts are available after end of production for: 3 years					
P7.10	Service is available after end of production for: years			$\overline{\boxtimes}$		
	Material and substance requirements					
P7.11*	Product cover/housing material type:					
	Material type: Material type: Material type:					
P7.12	Electrical cable insulation materials of power cables are PVC free.	\boxtimes				
P7.13	Electrical cable insulation materials of signal cables are PVC free	\boxtimes				
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.			\boxtimes		
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)	;				
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking:					
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): TBBPA (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:					
	Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4:					
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:	ı 🔲				
	Comment: No legal limits exist, this is a market requirement.					
	1. Chemical name: , CAS #: 2. Chemical name: , CAS #:					
	3. Chemical name: , CAS #:					
	Alt. 2					
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:			\square		
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,	- #	∺			
17.19	R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		Ш			
P7.20	Of total plastic parts' weight >25g, recycled material content is 0%.					
P7.21	Of total plastic parts' weight >25g, biobased material content is 0%.					
P7.22	Light sources are free from mercury	\boxtimes				
DO	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg					
P8 P8.1*	Batteries Battery chemical composition: <i>Li-lon</i>					
P8.2	Patteries most the requirements of the following valuntary program/s:					

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

Model nun	nber *	Veer										
ouou		1001										
Issue date	*	6/03/20	11					Logo		13	<u>, </u>	
									'	W		
	_								_			
Item	Product environmental attributes - Market requirements (continued) Requirement met Yes No n.a.											
P9	Energy	consum	ntion							res	INO	n.a.
9.1			ne following power level	s or energy consum	ptions are report	ed:						
Energy mo	de *		Power level at	Power level at	t Power level	at	Referer	nce / S	Standard fo	or e	nergy	
			100 V AC	115 V AC	230 V AC			and test r				
On Mode *			0.590 W	0.590 W	0.590 W			,	e Test Metho			
									Power cons			
								att meter		*******	11100	
			0.440 W	0.440 W	0.440 W				e Test Metho			
									Power cons			
Off / Appar	ent Off Mo	ode *						att meter		*******	11100	
External Po			0.3 W	0.3 W	0.3 W		ENERG	SY STAR	® Program			П
load *									r Single Volt	_		_
								ai Ac-Dc a s: Ver. 2	and Ac-Ac Po .0	ower		
Default time	e to enter	eneray s	ave mode: min	utes								
Derault time	c to criter	chergy s	ave mode.	idics								
P9.2*	Informati	ion about	the energy save function	on is provided with t	he product.							
P9.3*	•		ts the energy requireme	ents of the following	voluntary progran	n/s:						
	_		version: Tier:	Product category:						\blacksquare	\bowtie	
P10	Others s Emissio											
			 Declared according to 	ISO 9296								
P10.1	Mode		Mode description		Declared				A-weighted			\boxtimes
					A-weighted sound power		sound	pressure I	level $L_{p{ m Am}}$	(dB)		
					level L_{WAd} (B)	Oper	ator pos	ition	Bystande	er pos	sitions	
					WAU ()		Des	ktop	/		_ 🔲	
							or Desk	side 🗌	(only if pro			
	Idle				*							
	Operatio	n			*							
	Other mo	ode										
	Measure	ed accord	ling to: 🔲 ISO7779 🗌	ECMA-74		-						
	Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m)							<u> </u>				
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:						\boxtimes					

Model number *	Veer		
Issue date *	6/03/2011	Logo	

Product	environmental attributes - Market requirements (continued)	equire	ment	met		
Item		Yes	No	n.a.		
	Chemical emissions from printing products					
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify:			\boxtimes		
P10.4	Typical emission rate (print phase) is (mg/h):			\boxtimes		
	Dust Ozone Styrene Benzene TVOC					
P10.5	Chemical emission requirements of the following voluntary program/s are met for :			\boxtimes		
	Dust Ozone Styrene Benzene TVOC					
	Electromagnetic emissions					
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary			\boxtimes		
	program/s:					
P11	Consumable materials for printing products					
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).			\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.					
P11.3*	2-sided (duplex) printing/copying is an integrated product function.			\boxtimes		
P12	Ergonomics for computing products					
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			\boxtimes		
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.					
P13	Packaging and documentation					
P13.1*	Product packaging material type(s): Paper weight (kg): 0.065					
	Product packaging material type(s): Paper/Fiber Board weight (kg): 0.15					
	Product packaging material type(s): weight (kg):					
P13.2*	Product plastic packaging is free from PVC.	\boxtimes				
P13.3*	Specify media for user and product documentation (tick box):					
	Electronic, Paper, Other					
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0%			Ш		
Rev.	User and product documentation do not contain chlorine bleached paper	\boxtimes				
P13.5						
P14	Additional information (See Note B4)					
All sections	1. Product environmental information contained in this declaration is valid as of the date the declaration is published. Changes to external standards referenced in the IT Eco-Declaration may invalidate some information contained in this declaration over time.					
360110113	All cover/housing plastic are free from chlorine and bromine for parts less than 25 g.	ration (יווו וטעל	ic.		
	All printed circuit boards (without components) are halogen free as defined in IEC61249-2-21 for parts less	es tha	n 25a			
	Am printed disease yourds (without components) are natogen nee as defined in 12001243-2-21 for parts le	.oo ula	<u>20g</u> .			

Note B4: 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 B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19