

ecma JT-Företagen

Company environmental profile - THE ECO DECLARATION

Brand	RICOH	Logo
Company name *	RICOH Company Ltd.	1 (
Contact information	Ricoh Europe Plc 20 Triton Street, London NW1 3BF, United Kingdom emo@ricoh-europe.com	nashuatec
Internet site *	www.ricoh.com	
Issue date *	23 January 2012	
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 & P14.

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

Compan	y environmental profile - Legal requirements	Require	ement	t met
Item		Yes	No	n.a.
C1	products in countries where the company puts them on the market and where required (2002/96/EC WEEE directive). Battery recycling The company participates in a system or has its own system for collection and recycling of batteries in countries where the company puts products on the market (2006/66/EC Battery and accumulators Directive) or pays eco tax / fee where required. Packaging recycling The company participates in a system or has its own system for collection and recycling of packaging			
C1.1*	The company participates in a system or has its own system for collection and recycling of end of life products in countries where the company puts them on the market and where required (2002/96/EC WEEE directive).			
C2	Battery recycling			
C2.1*	The company participates in a system or has its own system for collection and recycling of batteries in countries where the company puts products on the market (2006/66/EC Battery and accumulators Directive) or pays eco tax / fee where required.			
C3	Packaging recycling			
C3.1*	The company participates in a system or has its own system for collection and recycling of packaging material in countries where the company puts products on the market and where required (2004/12/EC Directive on packaging and packaging waste)			

Compa	ny environmental profile - Market requirements	Requir	ement	t 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.	\boxtimes		
C4.2*	The company has an environmental management system covering: Product development Manufacturing If so certified according to: ISO 14001 Other as specified in C6	\boxtimes		
C4.3	The company regularly publishes an environmental report. If so, it meets the recommendations of 🛛 The Global Reporting Initiative 🗌 Other as specified in C6	\boxtimes		
C5	Recycling			
C5.1*	Information about the product, battery & packaging take back system (C1, C2, C3) is available in printed or electronic format.	\boxtimes		
C6	Additional information			

Product environmental attributes – THE ECO DECLARATION

	ased on product specification or test results based obtained from sample testing), that the product ts given in this declaration.					
Type of product *	pe of product * Multifunction					
Commercial name *	commercial name * MP 5002					
Model number *	Aficio MP 5002					
Issue date *	23 January 2012					

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Model number *	Aficio MP 5002		
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Product	environmental attributes - Legal requirements	Requir	emen	t met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain lead max 0.1%, cadmium max 0.01%, mercury max 0.1%, hexavalent chromium max 0.1%, polybrominated biphenyls (PBB) max 0.1% and polybrominated diphenyl ethers (PBDE) max 0,1% (2002/95/EC ROHS Directive) see note B1	\square		
P1.2*	Products do not contain Asbestos (REACH, Annex XVII). Comment: Legal reference has no maximum concentration value.	\boxtimes		
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (<i>Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000</i>). Comment: Legal reference has no maximum concentration values.			
P1.4*	Products do not contain polychlorinated biphenyl (PCB) max 0.005% by weight, polychlorinated terphenyl (PCT) max 0.005% by weight (<i>REACH, Annex XVII</i>).	\boxtimes		
P1.5*	Products do not contain short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP max 0.1% (<i>Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002</i>).			
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) (<i>REACH, Annex XVII</i>). Comment: Legal reference has no maximum concentration values.			
P1.7*	Textile and leather parts with direct skin contact do not contain Azo colorants that split aromatic amines max 0.003% by weight (<i>REACH, Annex XVII and Note B1</i>).			\square
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (<i>REACH, Annex XVII</i>). 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 (<i>REACH, Annex XVII</i>). Comment: Max limit in legal reference when tested according to EN1811:1998.	\square		
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact) (REACH Regulation 1907/2006, Annex VII)	\boxtimes		
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 (2006/66/EC Battery and accumulators Directive).			
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 (2006/66/EC Battery and accumulators Directive).	\boxtimes		
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" (2006/66/EC Battery and accumulators Directive).			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (2006/95/EC Low Voltage Directive).			
P3.2*	The product complies with legally required standards for electromagnetic compatibility (2004/108/EEC New EMC Directive).	\square		
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 (1999/5/EC (R&TTE Directive).	\boxtimes		
P3.4*	The product is labeled to show conformance with applicable legal requirements (2006/66/EC Battery and accumulators Directive, 2006/95/EC Low Voltage Directive, 2004/108/EEC New EMC Directive, 1999/5/EC R&TTE Directive, 2002/96/EC WEEE directive)	\square		
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% (2002/95/EC ROHS Directive).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (REACH, Annex XVII).	\square		
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/MSDS) in accordance with these requirements (EC No. 1272/2008 regulation on classification, labeling and packaging CLP, REACH article 31, annex II).			
P5	Product packaging		_	
P5.1*	Packaging and packaging components do not contain lead, mercury, cadmium and hexavalent chromium max 0.01% by weight of this together (2004/12/EC Directive on packaging and packaging waste).			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (97/129/EC Commission Decision on Identification System for Packaging Materials).			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (2037/2000/EC Regulation on Substances that Deplete the Ozone Layer). Comment: Legal reference has no maximum concentration values.	\square		

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

		Aficio MP 5002		_			
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Produc	ct enviro	nmental attributes - Market requirements - Environmental conscious	design		Require	mont	met
			ucoryn		Yes	No	n.a.
P6					100		u .
P6.1*	Informati	on for recyclers/treatment facilities is available (2002/96/EC WEEE directive).			\boxtimes		
P7	Issue date * 23 January 2012 Logo 11 Product environmental attributes - Market requirements - Environmental conscious design ************************************				•		
P7.1*	Parts that	t have to be treated separately are easily separable			\boxtimes		
P7.2*	Plastic m	aterials in covers/housing have no surface coating.			\square		
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.			\boxtimes		
P7.4*	Plastic p	arts >25g have material codes according to ISO 11469 referring ISO 1043.			\boxtimes		
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly a	available to	ools.	\boxtimes		
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).			\boxtimes		
					\square		
					\square		
P7.9.					\square		
P7.10					\boxtimes		
D7.41*							
P7.11*	Material	type: PC + ABS Material type: PC + PS Materia	al type:				
P7.12		•			\square		
P7.13		-			\square		
P7.14	ise date * 23 January 2012 Logo I coduct environmental attributes - Market requirements - Environmental conscious design ************************************			\boxtimes			
P7.15	note B2)		249-2-21 (see	\boxtimes		
P7.16					\square		
P7.17	Chemica						
	**mandatory to fill in. Additional information regarding each item may be found under P14. 6 Treatment information 76.1 Information for recyclers/treatment facilities is available (2002/96/EC WEEE directive). 77 Design 71 Parts that have to be treated separately are easily separable 72 Plastic materials in covers/housing have no surface coating. 73 Plastic parts > 100g consist of one material or of easily separable materials. 74 Plastic parts > 25g have material codes according to ISO 114469 referring ISO 1043. 75 Plastic parts > 25g have material codes according to ISO 114469 referring ISO 1043. 76 Plastic parts > 25g have material codes according to ISO 114469 referring ISO 1043. 77 Upgrading can be done e.g. with processor, memory, cards or drives 78 Upgrading can be done e.g. with processor, memory, cards or drives 79.1 Upgrading can be done e.g. with processor, memory, cards or drives 71.1 Product lifetime 71.1 Product over/housing material type: 71.2 Material and substance requirements 71.1 Production materials of signal cables are PVC free. 71.1 Electrical cable insulation materials of signal cabl		rding				
P7.18	Flame re concentr	ations above 0.1%:	ations in				
	2. Chem 3. Chem	cal name: , CAS #:					
	Chemica	I specifications of flame retardants in plastic parts >25g according ISO 1043-4:			\square		
P7.19	R40, R40 regulatio	6, R48, R50, R51, R53, R60, R61 and any combination of these (see note B3)(EC n on classification, labeling and packaging CLP)	No. 1272/	2008			
P7.20			nal informa	ation]			
	Information for recyclers/treatment facilities is available (2002/96/EC WEEE directive). Design Disassembly, recycling Parts that have to be treated separately are easily separable Plastic materials in covers/housing have no surface coating. Plastic parts >100g consist of one material or of easily separable materials. Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043. Plastic parts are free from metal inlays or have inlays that can be removed with commonly available Lables are easily separable. (This requirement does not apply to safety/regulatory labels). Product lifetime Upgrading can be done e.g. with processor, memory, cards or drives Upgrading can be done using commonly available tools Spare parts are available after end of production for: 7 years Service is available after end of production for: 7 years Material type: PC + PS Material type: Material type: PC + ABS Material type: Ce + PS Material type: Electrical cable insulation materials of signal cables are PVC free. Electrical cable insulation materials of signal cables are PVC free. All printed circuit boards (without components) >25g are halogen free, as defined in IEC61249-221 note B2) Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking; FR (40) Att. 1 Chemical specifications of flame retardants in printed circuit boards (without components): TBBPA (additive)						
	Design Disassembly, recycling Plasts that have to be treated separately are easily separable Plastic materials in covers/housing have no surface coating. Plastic parts >100g consist of one material or of easily separable materials. Plastic parts >25g have material code according to ISO 11469 referring ISO 1043. Plastic parts >25g have material code according to ISO 11469 referring ISO 1043. Plastic parts are free from metal inlays or have inlays that can be removed with commonly availate tables are easily separable. (This requirement does not apply to safety/regulatory labels). Product lifetime Upgrading can be done e.g. with processor, memory, cards or drives Upgrading can be done e.g. with processor, memory, cards or drives Upgrading can be done using commonly available tools Spare parts are available after end of production for: 7 years Service is available after end of production for: 7 years Material and substance requirements Product cover/housing material type: Material type: PC + AS Material obale insulation materials of signal cables are PVC free. All cover/housing plastic parts >25g are free from chlorine and bromine. All printed circuit boards (without components) >25g are halogen free, as defined in IEC61249-2 note B2) Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking: FR (40) Alt. 1 Chemical specifications of flame retardants in printed circuit boards (without components) >25g						
P8							
	-		ווע				
Pö.2	Batteries	meet the requirements of the following voluntary program/s:					\boxtimes

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 number *	Aficio MP 5002		
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Item Yes No n.a. 91 Energy consumption Image: Consumption	Produc	t environmenta	attribut	tes - Market requi	irements (c	ontinu	ed)			Re	quire	ment	met
9.1 Eor The product the following power level at Power level at 100 VAC Power level at 100 VAC Power level at 115 VAC Power level at 100 VAC Power level at 115 VAC Power level at 100 VAC Power Power level at 100 VAC Power Power level at 100 VAC Power		_									Yes	No	n.a.
Energy mode * Power level at 100 * AC Power level at 110 * AC Power level at 220 * AC Reference / Standard for energy modes and test method * Maximum Energy Consumption W W 849 W Image: Standard for energy modes and test method * Maximum Energy Consumption W W 849 W Image: Standard for energy modes and test method * Ready Mode W W B6 W Image: Standard for energy modes and test method * Cow Power Mode W W Image: Standard for energy modes and test method * Image: Standard for energy modes and test method * Cow Power Mode W W W Image: Standard for energy W Image: Standard for energy Standard for energy W Image: Standard for energy Standard for energy Standar			•										
100 VAC 115 VAC 230 VAC modes and test method * M Maximum Energy Consumption W W 41550 W □ Ready Mode W W 464 W □ Low Power Mode W W 116 W □ Constraint Mode W W 116 W □ Constraint Mode W W 110 W □ □ Constraint Mode W W W W □ □ Constraint Mode W W W W □ □ □ Clearner power upply / charger (Clearner power power power upply / charger (Clearner power	9.1	For the product t	he followir	ng power levels or en	nergy consum	iptions I	nave been	measured:					
Operating Mode W 849 W Ready Mode W W 166 W Low Power Mode W W 110 W Confisional Mode W W W Confisional Device supply / charger plaque in the wall older but disconnected from the product) W W PTEC - Typical Energy Consumption W W W W CFC - KWN/week X497 WN/week 3.497 WN/week 2.497 WN/week 2.497 WN/week CFC - Typical Energy Consumption W/W w W W W W Display resolution ': cpi W W W W W W P102 Energy Consumption K/Wh/week X497 K/Wh/week X497 K/Wh/week W/W/week X497 K/Wh/week W P104 Energy Consumption K/Wh/week X497 K/Wh/week X497 K/Wh/week X497 K/Wh/week W W P105 Energy Consumption K/Wh/week K/Wh/week X497 K/Wh/we	Energy n	node *										ergy	
Ready Mode W 166 W Low Power Mode W W 110 W Off/Sieep Mode W W W EPS No-load W W W Cystemal power supply / charger plugged in the vall outlet but disconnected from the product.) W W PTEC - Trypical Energy Consumption WWh/week J491 WWh/week J491 WWh/week PTEC - Trypical Energy Consumption WWh/week J491 WWh/week J491 WWh/week Display resolution *: dpl W W W Image: Standbar	Maximu	m Energy Consu	mption	VV	W		<1550	W					
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EPS No-load W W W W EXEMP power supply / charger plaged in the vali outlet but preduct) W W W W Proceeded from the product) W W W W W Proceeded from the product) W W W W W Proceeded from the product) W W W W W TeC ^ KWhiveek \$.491 KWhiveek \$.491 KWhiveek Image: Charger Consumption Image: Ch	Off/Slee	p Mode		VV	W		1.1 W						
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plugged in the vali outlet but disconnected from the product.) PTEC ' W W W W W V PTEC ' Typical Energy Consumption TEC ' KWh/week KWh/week XWh/week 3.491 KWh/week I ETEC ' Annual Energy Consumption ETEC ' KWh/year KWh/year 167.568 KWh/year I ETEC ' Annual Energy Consumption Display resolution ': dpl Ptin Speed ': 50 pages per minute Default time to enter energy save mode: T minutes Post Information about the energy save mode: T minutes Post Information about the energy save mode: T minutes Post Information about the energy save mode: T minutes Post Information about the energy save mode: T minutes Post Information about the energy save mode: T minutes Post Information about the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product category. Multifunction Other specify: Noise emission – Declared according to ISO 926 Ptio. Mode Mode description Voise emission – Declared according to ISO 926 Ptio. Mode Mode description Voise emission mode: Operating Mode Generating Mode Chemical emissions from printing products Ptio. Chemical emissions from printing products Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electromagnetic missions Ptio. Chemical emission requirements of the following voluntary program/s: Electr				W	W			W					\boxtimes
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Typical Energy Consumption KWh/year Instruction Instruction ETEC * KWh/year KWh/year Instruction Image: Standard		Energy Consumpti	on	W	W		W						\boxtimes
ETEC * KWh/year KWh/year 167.568 KWh/year Image: Consumption image: Consumption image: Computer display resolution *: dpi Display resolution *: dpi Image: Consumption image: Consumption image: Computer display resolution *: dpi Image: Consumption display resolution *: dpi Image: Consumption display resolution *: dpi Pint Speed *: 50 pages per minute Image: Consumption display resolution *: dpi Image: Consumption display resolution *: dpi Image: Consumption display resolution *: dpi P92* Information about the energy save function is provided with the product. Image: Consumption display resolution *: dpi Image: Consumption display resolution display resolution *: dpi Image: Consumption display resolution display resolution display resolution display resolutisplay resolution displ				kWh/week	kWh	/week	3.491 kW	/h/week					
Annual Energy Consumption Image: Solution * : dpl Display resolution * : dpl Image: Solution * : dpl Print Speed *: Sol pages per minute Image: Solution * : dpl P9.2* Information about the energy save function is provided with the product. Image: Solution * : dpl P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product rests the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product rests the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product rests rest energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product rests rest energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product rest energy requirements of the following voluntary program/s: Energy requirements of the following voluntary program/s: Energy requirements of the following voluntary program/s: Blue Angel Image: Im		chergy Consumption	on	k\W/b/year	k\//h	lvear	167 568	k/Wh/vear					
P9 Energy consumption 9.1 For the product the following power levels or energy consumptions have been measured: Energy mode * Power level at 100 VAC Power level at 120 VAC Reference / Standard for ene modes and test method * Maximum Energy Consumption W V <45550 W													
Default time to enter energy save mode: 1 minutes P9.2* Information about the energy save function is provided with the product. P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product category: Multifunction Others specify: P10 Emissions Noise emission - Declared according to ISO 9296 P10.1 Mode description Declared A-weighted sound pressure level Declared A-weighted sound pressure level Idle * Stand-by * 0.3* The product neets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Declared A-weighted P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard _, other specify: RAL-UZ P10.4 Typical emissions rom printing products P10.5 Chemical emissions requirements of the following voluntary program/s are met for : Dust P10.5 Chemical emissions requirements of the following voluntary program/s are met for : Dust P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary	. ,	•											\boxtimes
P9.2* Information about the energy save function is provided with the product. Image: Constraint of the following voluntary program/s: ENERGY STARGY wersion 1.1 Tier: 2 Product category: Multifunction Others specify: P10 Emissions Image: Constraint of the following voluntary program/s: ENERGY STARGY wersion 1.1 Tier: 2 Product category: Multifunction Others specify: Image: Constraint of the following voluntary program/s: ENERGY STARGY wersion 1.1 Tier: 2 Product category: Multifunction Others specify: P10 Emissions Image: Constraint of the following voluntary program/s: Energy metal is provided according to ISO 9296 P10.1 Mode Mode description Declared A-weighted sound power level L pAm (dB) Idle * Stand-by * 3.6 19.9 Idle * Stand-by * 3.6 19.9 Operation * Operating Mode * 6.9 53.4 Other mode Image: Constraint of the following voluntary program/s: Blue Angel Nordic Swan P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard													
P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version 1.1 Tier: 2 Product category. Multifunction Others specify: □ P10 Emissions Noise emission – Declared according to ISO 9296 P10.1 Mode Mode Mode description Person Declared A-weighted sound pressure level L _{pAm} (dB) Operation Operation Signature level L _{pAm} (dB) Operation * Stand-by Idle * Stand-by Operation * Operating Mode * 6.9 53.4 Other mode	Default ti	me to enter energ	y save mo	ode: 1 minutes									
ENERGY STAR® version 1.1 Tier: 2 Product category: Multifunction Image: Constraint of the following voluntary program/s are met for: P10 Emissions Noise emission – Declared according to ISO 9296 P10.1 Mode Mode Mode description Declared Sound pressure level L_{pAm} (dB) Operator position Bystander position Idle * Stand-by Operation Operating Mode * 6.9 53.4 Other mode Other (only if not covered by ECMA-74 with LpAm measurement distance m) P10.2 The product meets the according to: [ISO7779] ECMA-74 Image: Chemical emissions from printing products Blue Angel Nordic Swan Image: Chemical emission rate (print phase) is (mg/h): P10.4 Typical emission rate (print phase) is (mg/h): Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emission requirements of the following voluntary program/s are met for: Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emission requirements of the following voluntary program/s are met for: Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemic	P9.2* Information about the energy save function is provided with the product.												
P10 Emissions Noise emission – Declared according to ISO 9296 P10.1 Mode Mode description Declared A-weighted sound pressure level L _{pAm} (dB) Operator position Desktop Operator positions Bystander positions Idle * Stand-by * 3.6 19.9 Operation * Operating Mode * 6.9 53.4 Other mode	P9.3*	ENERGY STAR						n/s:					
Noise emission – Declared according to ISO 9296 P10.1 Mode Mode description Declared A-weighted sound power level L _{I/Ad} (B) Declared A-weighted sound pressure level L _{pAm} (dB) Idle * Stand-by * 3.6 Declared A-weighted sound pressure level L _{pAm} (dB) Operator position Bystander positions Desktop Bystander positions (only if product is not operator attended) Idle * Stand-by * 3.6 19.9 Operation * Operating Mode * 6.9 53.4 Other mode	P10												
P10.1 Mode Mode description Declared A-weighted sound power level L _{WAd} (B) Declared Sound pressure level L _{pAm} (dB) Idle * Stand-by * 3.6 Operator position Desktop or Desk side Bystander positions (only if product is not operator attended) Operation * Operating Mode * 6.9 53.4 Other mode			– Declare	ed according to ISO	9296								
P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Other specify: RAL-UZ Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emission requirements of the following voluntary program/s are met for: Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emissions requirements of the following voluntary program/s are met for: Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emissions requirements of the following voluntary program/s are met for: Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emission requirements of the following voluntary program/s are met for: Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.5 Chemical emission requirements of the following voluntary program/s are met for: Dust Image: Chemical emission requirements of the following voluntary program/s are met for: P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary Image: Chemical emission voluntary	P10.1												
P10.4 Pesktop (only if product is not operator attended) Idle * Stand-by * 3.6 19.9 Operation * Operating Mode * 6.9 53.4 Other mode Measured according to: ISO7779 ECMA-74 Measured according to: Other (only if not covered by ECMA-74 with LpAm measurement distance m) P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan P10.3 Test performed according to ECMA-328 (ISO/IEC 28360) standard _, other specify: RAL-UZ P10.4 Typical emission rate (print phase) is (mg/h): Dust Ozone Styrene Styrene Benzene TVOC Benzene Styrene steries are met for : P10.5 Chemical emissions requirements of the following voluntary program/s are met for : Dust Ozone Styrene Benzene TVOC Store Blue Angel Nordic Swan P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary										level L_{pAm}	(dB)		
Idle * Stand-by * 3.6 19.9 Operation * Operating Mode * 6.9 53.4 Other mode Measured according to: ISO7779 ECMA-74 Measured according to: Other (only if not covered by ECMA-74 with LpAm measurement distance m) P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan P10.3 Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ P10.4 Typical emission rate (print phase) is (mg/h): Dust Imit of detection Ozone <limit 2.9<="" <limit="" detection="" of="" styrene="" td="" tvoc=""> P10.5 Chemical emission requirements of the following voluntary program/s are met for : Blue Angel Nordic Swan P10.5 Chemical emissions TVOC S Blue Angel Nordic Swan P10.5 Chemical emissions TVOC S Blue Angel Nordic Swan P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary</limit>						level	L_{WAd} (B)	Operator p	osition				
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Other mode													
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Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m) P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan Blue Angel Nordic Swan P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard _, other specify: RAL-UZ Image: Compute Nordic Structure P10.4 Typical emission rate (print phase) is (mg/h): Dust Dust Dust Imit of detection Ozone Imit of detection P10.5 Chemical emission requirements of the following voluntary program/s are met for : Dust is Ozone is Styrene is Benzene is TVOC is Blue Angel Nordic Swan Image: Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary Image: Computer Nordic Swan		Other mode											
P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: Blue Angel Nordic Swan Image: State Content of Con		Measured accore	ding to: 🔀	ISO7779 🗌 ECMA	A-74								
Blue Angel Nordic Swan Blue Angel Nordic Swan P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard _, other specify: RAL-UZ Image: Comparison compari									urement dis	stance	m)		
Nordic Swan Image: Mordic Sw	P10.2	The product mee	ets the acc	oustic noise requirem	ents of the fo	llowing	voluntary	program/s:		ua Angol			
Chemical emissions from printing products P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ Image: Comparison com												H	
P10.3* Test performed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ □ P10.4 Typical emission rate (print phase) is (mg/h): □ □ Dust limit of detection Ozone <limit detection<="" of="" td=""> Styrene <limit detection<="" of="" td=""> TVOC 2.9 P10.5 Chemical emission requirements of the following voluntary program/s are met for : □ □ Dust Ozone Styrene Benzene TVOC □ P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary □ □</limit></limit>													
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P10.5 Chemical emission requirements of the following voluntary program/s are met for : Dust ☑ Ozone ☑ Styrene ☑ Benzene ☑ TVOC ☑ Blue Angel Nordic Swan Electromagnetic emissions ☑ P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary	P10.4				ection Styrer	ne <limi< b=""></limi<>	t of detec	tion Benzer	ne <limit b="" of<=""></limit>	detection		2.9	
Nordic Swan Image: Computer display meets P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary	P10.5					rogram	/s are me	t for :					
P10.6 Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary		Dust 🔀 Ozone	🔀 Styren	ie 🔀 Benzene 🔀 1	rvoc 🛛						\square		\square
	P10.6		y meets th	e requirement for lo	w frequency	electrom	agnetic fie	elds of the fo	llowing volu	untary			\boxtimes

Model number *	Aficio MP 5002		
Issue date *	23 January 2012	Logo	<u>nashuatec</u>

Produc	t environmental attributes - Market requirements (continued)	Requirer	ment	met
Item	<i>,</i>	Yes	No	n.a
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.	\boxtimes		
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	\square		
P12	Ergonomics for computing products			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			X
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.			X
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): Corrugated Paper weight (kg): 11.48 Product packaging material type(s): Plastic weight (kg): 1.129 Product packaging material type(s): weight (kg): 1.129			
P13.2*	Product plastic packaging is free from PVC	\boxtimes		
P13.3*	Specify media for user and product documentation (tick box): Electronic Paper Other Other			
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber.			\boxtimes
P14	Additional information			
	This product is designed to utilise recycled plastic materials wherever available			