


# THE ECO DECLARATION



## Product environmental attributes – THE ECO DECLARATION


|                        |   |   |
|------------------------|---|---|
| Brand *                | <i>Hewlett-Packard</i>  | Logo<br> |
| Company name *         | <i>Hewlett-Packard Company</i>  |   |
| Contact information *  | <i>Hans Wendschlag</i><br><a href="http://www.hp.com/hpinfo/globalcitizenship/environment/contactemail.html">http://www.hp.com/hpinfo/globalcitizenship/environment/contactemail.html</a> |   |
| Internet site *        | <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/">http://www.hp.com/hpinfo/globalcitizenship/environment/</a>   |   |
| 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 *  | <i>Display</i>   |
| Commercial name *  | <i>HP w2558hc Flat Panel Monitor</i>   |
| Model number *   | <i>w2558hc</i>   |
| Issue date *   | <i>01-Oct-08</i>   |
| Intended market *  | <input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Japan <input type="checkbox"/> U.S. <input type="checkbox"/> Other |
| Additional information   |  |


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The declaration may be published only when all rows and/or fields marked with a \* are filled-in (n.a. for not applicable).


| Quality Control |  | Requirement met                     |                          |
|-----------------|--|-------------------------------------|--------------------------|
| Item            | Additional information regarding each item may be found under P14.   | Yes                                 | No                       |
| QC1 *           | The company enforces an internal quality control scheme to ensure the correctness of this eco declaration  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| QC2 *           | The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see <a href="http://www.itforetagen.se">http://www.itforetagen.se</a> ). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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| Product environmental attributes - Legal requirements                    |  | Requirement met                     |                          |                                     |
|--|--|-------------------------------------|--------------------------|-------------------------------------|
| Item   | *=mandatory to fill in. Additional information regarding each item may be found under P14.   | Yes                                 | No                       | n.a.                                |
| <b>P1 Hazardous substances and preparations</b>                          |  |                                     |                          |                                     |
| P1.1*  | Products do not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) as specified in <i>EU 2002/95/EC and its amendments</i>  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.2*  | Products do not contain Asbestos ( <i>EU 76/769/EEC, amendment 1999/77/EC</i> )  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.3*  | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide ( <i>EU : Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000</i> ) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.4*  | Products do not contain polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), ( <i>EU 76/769/EEC</i> )  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| 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 as specified in <i>Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002</i>     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| 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>EU 76/769/EEC</i> )   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.7*  | Textile and leather parts with direct skin contact do not contain Azo colourants that split aromatic amines as specified in <i>EU 76/769/EEC, amendment 2003/3/EC</i>  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.8*  | Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives ( <i>EU 76/769/EEC</i> )  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.9*  | Parts with direct and prolonged skin contact do not release nickel in concentrations higher than specified in <i>76/769/EEC, amendment 94/27/EEC</i>   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P2 Batteries</b>  |  |                                     |                          |                                     |
| P2.1*  | If hazardous batteries (as defined in <i>91/157/EEC</i> ) are used in the product they are easily removable and labelled with the disposal and the substance logo (as defined in <i>91/157/EEC, 93/86/EEC</i> )  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.2*  | If batteries are used in the product they do not contain mercury in concentrations higher than specified in <i>91/157/EEC</i>  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.3*  | If batteries are permanently installed in the product, information on the environmentally hazardous substances and safe removal method is listed in the user manual ( <i>91/157/EEC</i> )  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P3 Electrical safety, EMC and connection to the telephone network</b> |  |                                     |                          |                                     |
| P3.1*  | The product meets the Low Voltage Directive (LVD) regarding electrical safety ( <i>73/23/EEC &amp; 93/68/EEC</i> )   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P3.2*  | The product meets the EMC Directive regarding electromagnetic compatibility ( <i>89/336/EEC / 2004/108/EEC after June, 20<sup>th</sup> 2007</i> )  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P3.3*  | If product is intended for connection to a public telecom network or contains a radio transmitter, it meets the EU R&TTE Directive ( <i>1999/5/EC</i> )  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P3.4*  | The product is CE-marked and a Declaration of Conformity is available ( <i>93/68/EEC</i> )   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P4 Consumable materials</b>   |  |                                     |                          |                                     |
| P4.1*  | If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium in concentrations higher than specified in ( <i>76/769/EEC and 91/338/EEC</i> )   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.2*  | If ink/toner is used in the product, it does not contain cadmium in concentrations higher than specified in ( <i>76/769/EEC and 91/338/EEC</i> )   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P4.3*  | If the ink/toner formulation/preparation is classified as hazardous according to EU Directive 1999/45/EC, and as amended, the product/packaging is labelled and a Material Safety Data Sheet (MSDS) in accordance with ( <i>99/45/EC &amp; 2001/58/EC</i> ) is available.              | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P5 Product packaging</b>  |  |                                     |                          |                                     |
| P5.1*  | The sum of the concentration levels of lead, cadmium, mercury, and hexavalent chromium present in packaging or packaging components does not exceed 0,01% by weight ( <i>94/62/EC</i> ).   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P5.2*  | Plastic packaging material is marked according to ISO 11469 referring ISO 1043. ( <i>97/129/EEC</i> )  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P5.3*  | The product packaging material is free from CFC/HCFC.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P6 Treatment information</b>  |  |                                     |                          |                                     |
| P6.1*  | Information for recyclers/treatment facilities (e.g. as requested by 2002/96/EC) is available.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

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| Product environmental attributes - Market requirements - Environmental conscious design |  | Requirement met                     |  |                                     |                                     |
|---|--|-------------------------------------|--|-------------------------------------|-------------------------------------|
| Item  | *=mandatory to fill in. Additional information regarding each item may be found under P14.   | Yes                                 | No   | n.a.                                |                                     |
| <b>P7 Design, Disassembly, recycling</b>  |  |                                     |  |                                     |                                     |
| P7.1*   | Parts that have to be treated separately are easily separable  | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.2*   | Plastic materials in covers/housing have no surface coating.   | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| P7.3*   | Plastic parts >100g consist of one material or of easily separable materials.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.4*   | Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.5  | Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.6*   | Labels are easily separable. (This requirement does not apply to safety/regulatory labels).  | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| <b>Product lifetime</b>   |  |                                     |  |                                     |                                     |
| P7.7*   | Upgrading can be done e.g. with processor, memory, cards or drives   | <input type="checkbox"/>            | <input type="checkbox"/>   | <input checked="" type="checkbox"/> |                                     |
| P7.8*   | Upgrading can be done using commonly available tools   | <input type="checkbox"/>            | <input type="checkbox"/>   | <input checked="" type="checkbox"/> |                                     |
| P7.9.   | Spare parts are available after end of production for: 3 years   |                                     |  | <input type="checkbox"/>            |                                     |
| P7.10   | Service is available after end of production for: 5 years  |                                     |  | <input type="checkbox"/>            |                                     |
| <b>Material and substance requirements</b>  |  |                                     |  |                                     |                                     |
| P7.11*  | Product cover/housing material type:<br>Material type: ABS                      Material type: PC                      Material type: PET + acrylic resin,PET+ acrylic,PET |                                     |  |                                     |                                     |
| P7.12*  | Electrical cable insulation material of power cables are halogen free (including PVC)  | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| P7.13*  | Electrical cable insulation material of signal cables are halogen free (including PVC)   | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| P7.14   | All cover/housing plastic parts >25g are halogen free  | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| P7.15   | All printed circuit boards (without components) >25g are halogen free  | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| P7.16   | Chemical specifications of flame retardants in cover / housing plastic parts >25g according ISO 1043-4: 09003-56-9   | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.17   | Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: FR4  | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.18   | Weight of recycled material in plastic parts is 0  |                                     |  |                                     |                                     |
| P7.19   | Plastic parts >25g are free from flame retardant substances/preparations above 0.1% classified as R45/46, R50/51/53 and R60/61 (67/548/EEC)                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>            |                                     |
| P7.20   | Light sources are free from mercury<br>If mercury is used specify: Number of lamps: 6 and max. mercury content per lamp: 2.26 mg   | <input type="checkbox"/>            | <input checked="" type="checkbox"/>  | <input type="checkbox"/>            |                                     |
| <b>P8 Batteries</b>   |  |                                     |  |                                     |                                     |
| P8.1*   | Product does not contain batteries defined as hazardous according to 91/157/EEC  | <input type="checkbox"/>            | <input type="checkbox"/>   | <input checked="" type="checkbox"/> |                                     |
| P8.2*   | Battery chemical composition:  |                                     |  | <input checked="" type="checkbox"/> |                                     |
| P8.3  | Batteries meet the requirements of the following voluntary program/s:  |                                     |  | <input type="checkbox"/>            |                                     |
| <b>P9 Energy consumption</b>  |  |                                     |  |                                     |                                     |
| 9.1   | <a href="#">For the product the following power levels or energy consumptions have been measured:</a>  |                                     |  |                                     |                                     |
| Mode  | Power level at Volts   | Time (s) to <mode>                  | Mode description   | Reference/Standard                  | n.a.                                |
| On-max  | W  |                                     | *  | *                                   | <input type="checkbox"/>            |
| On-normal   | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| On-idle   | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| Save 1  | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| Save 2  | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| Off 1   | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| Off 2   | W  | to                                  | *  | *                                   | <input type="checkbox"/>            |
| No load   | W  |                                     | External power supplies/charger plugged in but disconnected from the product | *                                   | <input type="checkbox"/>            |
| TEC   | kWh/y Typical Energy Consumption per year  |                                     |  | *                                   | <input checked="" type="checkbox"/> |
| P9.2*   | Information about the energy save function is provided with the product.   |                                     |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| P9.3  | The product meets the energy requirements of the following voluntary program/s:<br>ENERGY STAR® MOU (Ver. 4.1, Tier 2)<br>Others specify:                                  |                                     |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

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| Product environmental attributes - Market requirements (continued)   |  |                  |  | Requirement met   |  |                                     |                          |                                     |
|--|--|------------------|--|---|--|-------------------------------------|--------------------------|-------------------------------------|
| Item   | * = mandatory to fill in. Additional information regarding each item may be found under P14.   |                  |  |   | Yes  | No                                  | n.a.                     |                                     |
| <b>P10 Emissions</b>   |  |                  |  |   |  |                                     |                          |                                     |
| <b>Noise emission – Declared according to ISO 9296</b>   |  |                  |  |   |  |                                     |                          |                                     |
| P10.1  | Mode   | Mode description | Declared A-weighted sound power level $L_{WA,d}$ (B) | Declared A-weighted sound pressure level $L_{pAm}$ (dB) |  |                                     |                          |                                     |
|  |  |                  |  | Operator position <input type="checkbox"/>              | Bystander positions <input type="checkbox"/> |                                     |                          |                                     |
|  |  |                  | Desktop <input type="checkbox"/>                     | (only if product is not operator attended)              |  |                                     |                          |                                     |
|  |  |                  | or Deskside <input type="checkbox"/>                 |   |  |                                     |                          |                                     |
| Idle   | *  | *                |  |   |  | <input checked="" type="checkbox"/> |                          |                                     |
| Operation  | *  | *                |  |   |  | <input checked="" type="checkbox"/> |                          |                                     |
| Other mode   |  |                  |  |   |  |                                     |                          |                                     |
| Measured according to: <input type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74<br><input type="checkbox"/> 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:  |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>Chemical emissions from printing products</b>   |  |                  |  |   |  |                                     |                          |                                     |
| P10.3*   | Test performed according to ECMA-328 standard <input type="checkbox"/> , other specify:  |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| The test covers: Dust <input type="checkbox"/> Ozone <input type="checkbox"/> Styrene <input type="checkbox"/> Benzene <input type="checkbox"/> TVOC <input type="checkbox"/>                      |  |                  |  |   |  |                                     |                          |                                     |
| P10.4  | The product meets the chemical emission requirements of the following voluntary program/s:   |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>Electromagnetic emissions</b>   |  |                  |  |   |  |                                     |                          |                                     |
| P10.5  | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:  |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P11 Consumable materials for printing products</b>  |  |                  |  |   |  |                                     |                          |                                     |
| P11.1*   | A Material Safety Data Sheet (MSDS) is available for the ink/toner preparation, even if not legally required (see P4.3).   |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.2*   | Paper containing recycled fibres that meets the requirements of EN12281 can be used.   |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P11.3*   | 2-sided (duplex) printing/copying is an integrated product function.   |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P12 Ergonomics for computing products</b>   |  |                  |  |   |  |                                     |                          |                                     |
| P12.1*   | The computer system meets the ergonomic requirements of EN 29241-3, -7, -8 for CRT displays and EN-ISO13406-2 for flat panel displays.   |                  |  |   |  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P12.2*   | The product keyboard meets the requirements of ISO 9995 and EN 29241-4.  |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P12.3*   | The computer input device meets the requirements of ISO 9241-9.  |                  |  |   |  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P13 Packaging and documentation</b>   |  |                  |  |   |  |                                     |                          |                                     |
| P13.1*   | Product packaging material type(s): Paper / Cardboard weight (kg): 1.8<br>Product packaging material type(s): EPS (Expanded Polystyrene) weight (kg): 0.29<br>Product packaging material type(s): Polyethylene low density foam weight (kg): 0.045 |                  |  |   |  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P13.2*   | Product plastic packaging is halogen free (including PVC)  |                  |  |   |  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P13.3*   | User and product documentation do not contain chlorine bleached paper  |                  |  |   |  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P13.4*   | User and product documentation contain recycled paper  |                  |  |   |  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

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| <b>P9</b>                             | <b>Energy consumption</b>  |   |   |   |   |
|---------------------------------------|--|---|---|---|---|
| 9.1                                   | <a href="#">For the product the following power levels or energy consumptions have been measured:</a>  |   |   |   |   |
| Power Consumption Mode Description    | Power Consumption AC Input Voltage at 100 VAC +/- 5 VAC, 50 Hz +/- 3 Hz  | Power Consumption AC Input Voltage at 115 VAC +/- 5 VAC, 60 Hz +/- 3 Hz | Power Consumption AC Input Voltage at 230 VAC +/- 5 VAC, 50 Hz +/- 3 Hz | Default Time Settings to Enter Energy Saving Mode | Reference Standard (test method)                                  |
| <b>ENERGY STAR® On / Active Power</b> | 61.60  | 60.10   | 61.80   | Not Applicable (controlled by PC (System Unit))   | ENERGY STAR® Program Requirements for Computer Monitors: Ver. 4.1 |
| <b>ENERGY STAR® Sleep</b>             | 0.72   | 0.99  | 0.71  | Not Applicable (controlled by PC (System Unit))   | ENERGY STAR® Program Requirements for Computer Monitors: Ver. 4.1 |
| <b>ENERGY STAR® Off Mode</b>          | 0.37   | 0.64  | 0.37  | Not Applicable (controlled by PC (System Unit))   | ENERGY STAR® Program Requirements for Computer Monitors: Ver. 4.1 |
| <b>P14</b>                            | <b>Additional information</b>  |   |   |   |   |
| <b>All sections</b>                   | 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. |   |   |   |   |

**NOTE:**

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.