# THE ECO DECLARATION

ecma INTERNATIONAL    IT-Företagen

## Product environmental attributes – THE ECO DECLARATION

| | | | |
|---|---|---|---|
| Brand * | EIZO | Logo | EIZO |
| Company name * | EIZO NANAO CORPORATION | | |
| Contact information * | Environment, Safety & EMC Section, Quality Assurance Department | | |
| Internet site * | http://www.eizo.com/ | | |
| 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 * | LCD Monitor |
| Commercial name * | 61 c m （24.1inch) class Calibration Color LCD Monitor |
| Model number * | ColorEdge CG243W |
| Issue date * | 23 June 2009 |
| Intended market * | ☒ Global ☐ Europe ☐ Japan ☐ U.S. ☐ 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 | ☒ | ☐ |
| 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). | ☐ | ☒ |

| Model number * | ColorEdge CG243W | Logo | |
|---|---|---|---|
| Issue date * | 23 June 2009 | | EIZO |

| 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. |
| **P1** | **Hazardous substances and preparations** | | | |
| P1.1* | Products do not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) as specified in *EU 2002/95/EC and its amendments* | ☒ | ☐ | |
| P1.2* | Products do not contain Asbestos *(EU 76/769/EEC, amendment 1999/77/EC)* | ☒ | ☐ | |
| P1.3* | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide *(EU : Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000)* | ☒ | ☐ | |
| P1.4* | Products do not contain polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), *(EU 76/769/EEC)* | ☒ | ☐ | |
| 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 *Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002* | ☒ | ☐ | |
| 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) *(EU 76/769/EEC)* | ☐ | ☐ | ☒ |
| P1.7* | Textile and leather parts with direct skin contact do not contain Azo colourants that split aromatic amines as specified in *EU 76/769/EEC, amendment 2003/3/EC* | ☐ | ☐ | ☒ |
| P1.8* | Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives *(EU 76/769/EEC)* | ☐ | ☐ | ☒ |
| P1.9* | Parts with direct and prolonged skin contact do not release nickel in concentrations higher than specified in *76/769/EEC, amendment 94/27/EEC* | ☐ | ☐ | ☒ |
| **P2** | **Batteries** | | | |
| P2.1* | If hazardous batteries (as defined in *91/157/EEC*) are used in the product they are easily removable and labelled with the disposal and the substance logo (as defined in *91/157/EEC, 93/86/EEC*) | ☐ | ☐ | ☒ |
| P2.2* | If batteries are used in the product they do not contain mercury in concentrations higher than specified in *91/157/EEC* | ☐ | ☐ | ☒ |
| 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 *(91/157/EEC)* | ☐ | ☐ | ☒ |
| **P3** | **Electrical safety, EMC and connection to the telephone network** | | | |
| P3.1* | The product meets the Low Voltage Directive (LVD) regarding electrical safety *(73/23/EEC & 93/68/EEC)* | ☒ | ☐ | ☐ |
| P3.2* | The product meets the EMC Directive regarding electromagnetic compatibility *(89/336/EEC / 2004/108/EEC after June, 20th 2007* | ☒ | ☐ | ☐ |
| 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 *(1999/5/EC)* | ☐ | ☐ | ☒ |
| P3.4* | The product is CE-marked *and a Declaration of Conformity is available (93/68/EEC)* | ☒ | ☐ | ☐ |
| **P4** | **Consumable materials** | | | |
| 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 *(76/769/EEC and 91/338/EEC)* | ☐ | ☐ | ☒ |
| P4.2* | If ink/toner is used in the product, it does not contain cadmium in concentrations higher than specified in *(76/769/EEC and 91/338/EEC)* | ☐ | ☐ | ☒ |
| 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 *(99/45/EC & 2001/58/EC)* is available. | ☐ | ☐ | ☒ |
| **P5** | **Product packaging** | | | |
| 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 *(94/62/EC).* | ☒ | ☐ | |
| P5.2* | Plastic packaging material is marked according to ISO 11469 referring ISO 1043.*(97/129/EEC)* | ☒ | ☐ | ☐ |
| P5.3* | The product packaging material is free from CFC/HCFC. | ☒ | ☐ | ☐ |
| **P6** | **Treatment information** | | | |
| P6.1* | Information for recyclers/treatment facilities (e.g. as requested by 2002/96/EC) is available. | ☒ | ☐ | ☐ |

## 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. |
|---|---|---|---|---|
| **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. | ☒ | ☐ | ☐ |
| P7.3* | Plastic parts >100g consist of one material or of easily separable materials. | ☒ | ☐ | ☐ |
| P7.4* | Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043. | ☒ | ☐ | ☐ |
| P7.5 | Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools. | ☒ | ☐ | ☐ |
| P7.6* | Labels are easily separable. (This requirement does not apply to safety/regulatory labels). | ☒ | ☐ | ☐ |
| | **Product lifetime** | | | |
| P7.7* | Upgrading can be done e.g. with processor, memory, cards or drives | ☐ | ☐ | ☒ |
| P7.8* | Upgrading can be done using commonly available tools | ☐ | ☐ | ☒ |
| P7.9. | Spare parts are available after end of production for: **7** years | | | ☐ |
| P7.10 | Service is available after end of production for: **7** years | | | ☐ |
| | **Material and substance requirements** | | | |
| P7.11* | Product cover/housing material type: <br> Material type: **PC+ABS**    Material type: **PS**    Material type: | | | |
| P7.12* | Electrical cable insulation material of power cables are halogen free (including PVC) | ☐ | ☒ | ☐ |
| P7.13* | Electrical cable insulation material of signal cables are halogen free (including PVC) | ☐ | ☒ | ☐ |
| P7.14 | All cover/housing plastic parts >25g are halogen free | ☒ | ☐ | ☐ |
| P7.15 | All printed circuit boards (without components) >25g are halogen free | ☐ | ☒ | ☐ |
| P7.16 | Chemical specifications of flame retardants in cover / housing plastic parts >25g according ISO 1043-4: **FR(40)** | ☒ | ☐ | ☐ |
| P7.17 | Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4: **FR(16)** | ☒ | ☐ | ☐ |
| P7.18 | Weight of recycled material in plastic parts is **less than 10g** | | | |
| 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)* | ☒ | ☐ | ☐ |
| P7.20 | Light sources are free from mercury <br> If mercury is used specify: Number of lamps: **7** and max. mercury content per lamp: **3.0** mg | ☒ | ☐ | ☐ |
| **P8** | **Batteries** | | | |
| P8.1* | Product does not contain batteries defined as hazardous according to *91/157/EEC* | ☐ | ☐ | ☒ |
| P8.2* | Battery chemical composition: | | | ☒ |
| P8.3 | Batteries meet the requirements of the following voluntary program/s: | | | ☒ |
| **P9** | **Energy consumption** | | | |
| 9.1 | For the product the following power levels or energy consumptions have been measured: | | | |

| Mode | Power level at * **100-120/200-240** Volts | Time (s) to \<mode> | Mode description | Reference/ Standard | n.a. |
|---|---|---|---|---|---|
| On-max | **95**W | | * with USB load | * | ☐ |
| On-normal | * **85**W | to | * without USB load | * | ☐ |
| On-idle | W | to | * | * | ☒ |
| Save 1 | * **0.9**W | to | * for DVI-I single signal input,without USB load, [Input Signal]:"Manual" | * | ☐ |
| Save 2 | W | to | * | * | ☒ |
| Off 1 | * **0.7**W | to | * without USB load | * | ☐ |
| Off 2 | **0** W | to | * when main switch off | * | ☐ |
| No load | * W | | External power supplies/charger plugged in but disconnected from the product | * | ☒ |
| TEC | * kWh/y Typical Energy Consumption per year | | | * | ☒ |

| | | Yes | No | n.a. |
|---|---|---|---|---|
| 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: <br> ENERGY STAR® MOU Ver.4.1 Tier 2 <br> Others specify: | ☒ ☐ | ☐ ☐ | ☐ ☐ |

| 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. |

**P10** **Emissions**

**Noise emission** – Declared according to ISO 9296

| P10.1 | Mode | Mode description | Declared A-weighted sound power level $L_{WAd}$ (B) | Declared A-weighted sound pressure level $L_{pAm}$ (dB) | | |
|---|---|---|---|---|---|---|
| | | | | Operator position ☐ | Bystander positions ☐ | |
| | | | | Desktop ☐ or Deskside ☐ | (only if product is not operator attended) | |
| | Idle | * | * | | | ☒ |
| | Operation | * | * | | | ☒ |
| | Other mode | | | | | |
| | Measured according to: ☐ ISO 7779 ☐ ECMA-74 ☐ 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: | ☐ | ☐ | ☒ |
|---|---|---|---|---|

**Chemical emissions from printing products**

| P10.3* | Test performed according to ECMA-328 standard ☐, other specify: | ☐ | ☐ | ☒ |
|---|---|---|---|---|
| | The test covers: Dust ☐ Ozone ☐ Styrene ☐ Benzene ☐ TVOC ☐ | | | |
| P10.4 | The product meets the chemical emission requirements of the following voluntary program/s: | ☐ | ☐ | ☒ |

**Electromagnetic emissions**

| P10.5 | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: **TCO'03** | ☒ | ☐ | ☐ |
|---|---|---|---|---|

**P11** **Consumable materials for printing products**

| P11.1* | A Material Safety Data Sheet (MSDS) is available for the ink/toner preparation, even if not legally required (see P4.3). | ☐ | ☐ | ☒ |
|---|---|---|---|---|
| P11.2* | Paper containing recycled fibres that meets the requirements of EN12281 can be used. | ☐ | ☐ | ☒ |
| P11.3* | 2-sided (duplex) printing/copying is an integrated product function. | ☐ | ☐ | ☒ |

**P12** **Ergonomics for computing products**

| 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. | ☒ | ☐ | ☐ |
|---|---|---|---|---|
| P12.2* | The product keyboard meets the requirements of ISO 9995 and EN 29241-4. | ☐ | ☐ | ☒ |
| P12.3* | The computer input device meets the requirements of ISO 9241-9. | ☐ | ☐ | ☒ |

**P13** **Packaging and documentation**

| P13.1* | Product packaging material type(s): Corrugated board    weight (kg): **1.75**<br>Product packaging material type(s): EPS    weight (kg): **0.4**<br>Product packaging material type(s): PE    weight (kg): **0.04** | ☒ | ☐ | |
|---|---|---|---|---|
| P13.2* | Product plastic packaging is halogen free (including PVC) | ☒ | ☐ | ☐ |
| P13.3* | User and product documentation do not contain chlorine bleached paper | ☒ | ☐ | ☐ |
| P13.4* | User and product documentation contain recycled paper | ☒ | ☐ | ☐ |

**P14** **Additional information**

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|---|---|
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