


# THE ECO DECLARATION



## Product environmental attributes – THE ECO DECLARATION

|                        |   |   |
|------------------------|---|---|
| Brand *                | <i>Lexmark</i>                          |  |
| Company name *         | <i>Lexmark International, Inc.</i>      |   |
| Contact information *  | <i>Nadia Martin (USA)</i>               |   |
| Internet site *        | <i>www.lexmark.se / www.lexmark.com</i> |   |
| 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>Multifunction Color Laser Printer</i>   |
| Commercial name *  | <i>Lexmark XS544dn</i>   |
| Model number *   | <i>XS544dn</i>   |
| Issue date *   | <i>12/16/2011</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   |  |

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 a \* are filled-in (n.a. for not applicable).

| Quality Control | Requirement met   | Yes                                 | No                       |
|-----------------|---|-------------------------------------|--------------------------|
| Item            | Additional information regarding each item may be found under P14.  |                                     |                          |
| 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.itecodeclaration.org">www.itecodeclaration.org</a> ). | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

|                |            |      |         |
|----------------|------------|------|---------|
| Model number * | XS544dn    | Logo | LEXMARK |
| Issue date *   | 12/16/2011 |      |         |

| 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</b>   | <b>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, carbon tetrachloride, 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</b>   | <b>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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/>            |
| <b>P3</b>   | <b>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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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</b>   | <b>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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| <b>P5</b>   | <b>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</b>   | <b>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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|----------------|-------------------|------|--|
| Model number * | <i>XS544dn</i>    | Logo |  |
| Issue date *   | <i>12/16/2011</i> |      |  |

| 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</b>  |  |                    |  |                                     |                                     |                          |
| <b>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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.8*   | Upgrading can be done using commonly available tools   |                    |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.9.   | Spare parts are available after end of production for: 5 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: <i>ABS</i> Material type: <i>HIPS</i> Material type: <i>PC/ABS</i>                            |                    |  |                                     |                                     |                          |
| 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 checked="" type="checkbox"/> | <input 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: <i>FR(40)</i>                                |                    |  | <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: <i>FR(16)</i>                  |                    |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.18   | Weight of recycled material in plastic parts is  |                    |  |                                     |                                     |                          |
| 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 ( <i>67/548/EEC</i> ) |                    |  | <input 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: <i>1</i> and max. mercury content per lamp: <i>1.8</i> 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 <i>91/157/EEC</i>   |                    |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P8.2*   | Battery chemical composition: <i>Lithium Manganese Dioxide, LiMnO2</i>   |                    |  |                                     |                                     | <input type="checkbox"/> |
| P8.3  | Batteries meet the requirements of the following voluntary program/s:  |                    |  |                                     |                                     | <input type="checkbox"/> |
| <b>P9 Energy consumption</b>  |  |                    |  |                                     |                                     |                          |
| 9.1   | <u>For the product the following power levels or energy consumptions have been measured:</u>   |                    |  |                                     |                                     |                          |
| Mode  | Power level at<br>* <i>230</i> Volts   | Time (s) to <mode> | Mode description   | Reference/<br>Standard              | n.a.                                |                          |
| On-max  | <i>W</i>   |                    | *  | *                                   | <input checked="" type="checkbox"/> |                          |
| On-normal   | * <i>540 W</i>   | to                 | * <i>Printing</i>  | * <i>Company Standard</i>           | <input type="checkbox"/>            |                          |
| On-idle   | <i>50 W</i>  | to                 | * <i>Ready Mode</i>  | * <i>Energy Star TEC</i>            | <input type="checkbox"/>            |                          |
| Save 1  | * <i>23 W</i>  | to                 | * <i>Power Saver Mode (Sleep)</i>  | * <i>Energy Star TEC</i>            | <input type="checkbox"/>            |                          |
| Save 2  | <i>W</i>   | to                 | *  | *                                   | <input checked="" type="checkbox"/> |                          |
| Off 1   | * <i>0 W</i>   | to                 | * <i>Plugged in Off Mode</i>   | * <i>Energy Star TEC</i>            | <input type="checkbox"/>            |                          |
| Off 2   | <i>W</i>   | to                 | *  | *                                   | <input checked="" type="checkbox"/> |                          |
| No load   | * <i>W</i>   |                    | External power supplies/charger plugged in but disconnected from the product | *                                   | <input checked="" type="checkbox"/> |                          |
| TEC   | * <i>263 kWh/y</i> Typical Energy Consumption per year   |                    |  | * <i>Energy Star TEC</i>            | <input type="checkbox"/>            |                          |
| P9.2*   | Information about the energy save function is provided with the product.   |                    |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P9.3  | The product meets the energy requirements of the following voluntary program/s:<br>ENERGY STAR® MOU<br>Others specify:                               |                    |  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |

|                |                   |      |                |
|----------------|-------------------|------|----------------|
| Model number * | <i>XS544dn</i>    | Logo | <b>LEXMARK</b> |
| Issue date *   | <i>12/16/2011</i> |      |                |

**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</b> – Declared according to ISO 9296   |  |                                     |  |  |   |
| P10.1  | Mode   | Mode description                    | Declared A-weighted sound power level L <sub>WAd</sub> (B) | Declared A-weighted sound pressure level L <sub>pAm</sub> (dB)           |   |
|  |  |                                     |  | Operator position <input type="checkbox"/>                               | Bystander positions <input checked="" type="checkbox"/> |
|  |  |                                     |  | Desktop <input type="checkbox"/><br>or Deskside <input type="checkbox"/> | (only if product is not operator attended)              |
|  | Idle   | * <i>Idle/Ready</i>                 | * <i>Inaudible</i>   | <i>Inaudible</i>   |   |
|  | Operation  | * <i>Duplex Monochrome Printing</i> | * <i>6.5</i>   | <i>50</i>  |   |
|  | Other mode   | <i>Simplex Monochrome Printing</i>  | <i>6.2</i>   | <i>47</i>  |   |
| Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74<br><input type="checkbox"/> Other (only if not covered by ECMA-74 with L <sub>pAm</sub> measurement distance m) |  |                                     |  |  |   |
| P10.2  | The product meets the acoustic noise requirements of the following voluntary program/s:  |                                     |  | <input type="checkbox"/>   | <input type="checkbox"/>                                |
| <b>Chemical emissions from printing products</b>   |  |                                     |  |  |   |
| P10.3*   | Test performed according to ECMA-328 standard <input type="checkbox"/> , other specify: <i>RAL-UZ-122</i>  |                                     |  | <input checked="" type="checkbox"/>                                      | <input type="checkbox"/>                                |
|  | The test covers: Dust <input checked="" type="checkbox"/> Ozone <input checked="" type="checkbox"/> Styrene <input checked="" type="checkbox"/> Benzene <input checked="" type="checkbox"/> TVOC <input checked="" type="checkbox"/>   |                                     |  |  |   |
| P10.4  | The product meets the chemical emission requirements of the following voluntary program/s:   |                                     |  | <input type="checkbox"/>   | <input 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 checked="" 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 checked="" type="checkbox"/>                                      | <input type="checkbox"/>                                |
| P11.2*   | Paper containing recycled fibres that meets the requirements of EN12281 can be used.   |                                     |  | <input checked="" type="checkbox"/>                                      | <input type="checkbox"/>                                |
| P11.3*   | 2-sided (duplex) printing/copying is an integrated product function.   |                                     |  | <input checked="" type="checkbox"/>                                      | <input 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 type="checkbox"/>   | <input checked="" type="checkbox"/>                     |
| P12.2*   | The product keyboard meets the requirements of ISO 9995 and EN 29241-4.  |                                     |  | <input type="checkbox"/>   | <input checked="" type="checkbox"/>                     |
| P12.3*   | The computer input device meets the requirements of ISO 9241-9.  |                                     |  | <input type="checkbox"/>   | <input checked="" type="checkbox"/>                     |
| <b>P13 Packaging and documentation</b>   |  |                                     |  |  |   |
| P13.1*   | Product packaging material type(s): <i>Corrugated</i> weight (kg): <i>3.548</i><br>Product packaging material type(s): <i>Polyethylene Foam</i> weight (kg): <i>0.507</i><br>Product packaging material type(s): <i>High Density Polyethylene</i> weight (kg): <i>0.277</i><br><i>Polypropylene = 0.065 kg</i> |                                     |  | <input checked="" type="checkbox"/>                                      | <input type="checkbox"/>                                |
| P13.2*   | Product plastic packaging is halogen free (including PVC)  |                                     |  | <input checked="" type="checkbox"/>                                      | <input type="checkbox"/>                                |
| P13.3*   | User and product documentation do not contain chlorine bleached paper  |                                     |  | <input type="checkbox"/>   | <input checked="" type="checkbox"/>                     |
| P13.4*   | User and product documentation contain recycled paper  |                                     |  | <input type="checkbox"/>   | <input checked="" type="checkbox"/>                     |
| <b>P14 Additional information</b>  |  |                                     |  |  |   |
| <i>Additional company information and company environmental policy may be found at <a href="http://environment.lexmark.com">http://environment.lexmark.com</a></i>   |  |                                     |  |  |   |
| <i>Specific printer and supply item recycling information for your area may be found at <a href="http://lexmark.com/recycle">http://lexmark.com/recycle</a></i>  |  |                                     |  |  |   |
| <i>Lexmark Sweden is connected to REPA and EI-kretsen</i>  |  |                                     |  |  |   |
| <i>*P.2.3 - Batteries used within this product are non-hazardous and are exempted from including removal instructions in user's manuals per Article 11 of the 2006/66/EC Battery Directive.</i>                      |  |                                     |  |  |   |

**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.