



## Product environmental attributes – THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an \* are filled-in (n.a. for not applicable).  
Additional information regarding each item may be found under P14.

|                        |                                 |  |
|------------------------|---------------------------------|--|
| Brand *                | Sharp                           |  |
| Company name *         | Sharp Electronics (Europe) GmbH |  |
| Contact information *  | environment@sharp.eu            |  |
| Internet site *        | www.sharp.eu                    |  |
| 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 *                                                                                                                                                                | MFP                                                                                                                                                                                        |
| Commercial name *                                                                                                                                                                | MX-3110N                                                                                                                                                                                   |
| Model number *                                                                                                                                                                   | MX-3110N                                                                                                                                                                                   |
| Issue date *                                                                                                                                                                     | 2011-11-21                                                                                                                                                                                 |
| Intended market *                                                                                                                                                                | <input type="checkbox"/> Global <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <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.

| Quality Control |                                                                                                                                                                                                                         | Requirement met                     |                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| Item            |                                                                                                                                                                                                                         | 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.itecodeclaration.org">www.itecodeclaration.org</a> ). | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

|                |            |      |              |
|----------------|------------|------|--------------|
| Model number * | MX-3110N   | Logo | <b>SHARP</b> |
| Issue date *   | 2011-11-21 |      |              |

| Product environmental attributes - Legal requirements |                                                                                                                                                                                                                                                                                                                                                                             | Requirement met                     |                          |                                     |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Item                                                  |                                                                                                                                                                                                                                                                                                                                                                             | Yes                                 | No                       | n.a.                                |
| <b>P1</b>                                             | <b>Hazardous substances and preparations</b>                                                                                                                                                                                                                                                                                                                                |                                     |                          |                                     |
| P1.1*                                                 | Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1)                                                                                                                                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.2*                                                 | Products do not contain Asbestos (see legal reference).<br>Comment: Legal reference has no maximum concentration value.                                                                                                                                                                                                                                                     | <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 (see legal reference). Comment: Legal reference has no maximum concentration values.                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.4*                                                 | Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference).                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P1.5*                                                 | Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).                                                                                                                                                                              | <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-(aziridiny)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference).<br>Comment: Legal reference has no maximum concentration values.                                                                                                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.7*                                                 | Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1)                                                                                                                                                                                                              | <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 (see legal reference).<br>Comment: Legal reference has no maximum concentration values.                                                                                                                                                      | <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 above 0.5 microgram/cm <sup>2</sup> /week (see legal reference).<br>Comment: Max limit in legal reference when tested according to EN1811:1998.                                                                                                                                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P1.10*                                                | REACH Article 33 information about substances in articles is available at (add URL or mail contact):<br><a href="http://www.sharp.eu">www.sharp.eu</a>                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P2</b>                                             | <b>Batteries</b>                                                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P2.1*                                                 | If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference) | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.2*                                                 | Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P2.3*                                                 | Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference)                                                                | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P3</b>                                             | <b>Safety, EMC connection to the telephone network and labeling</b>                                                                                                                                                                                                                                                                                                         |                                     |                          |                                     |
| P3.1*                                                 | The product complies with legally required safety standards as specified (see legal reference).                                                                                                                                                                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P3.2*                                                 | The product complies with legally required standards for electromagnetic compatibility (see legal reference).                                                                                                                                                                                                                                                               | <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 complies with legally required standards for radio and telecommunication devices (see legal reference).                                                                                                                                                               | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P3.4*                                                 | The product is labeled to show conformance with applicable legal requirements (see legal reference).                                                                                                                                                                                                                                                                        | <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 max 0.01% (see legal reference and Note B1).                                                                                                                                                                                                                                     | <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 max 0.1% by weight (see legal reference).                                                                                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P4.3*                                                 | If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference).                                                                                                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P5</b>                                             | <b>Product packaging</b>                                                                                                                                                                                                                                                                                                                                                    |                                     |                          |                                     |
| P5.1*                                                 | Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together.                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                                     |
| P5.2*                                                 | Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).                                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P5.3*                                                 | The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference).<br>Comment: Legal reference has no maximum concentration values.                                                                                                                                                                        | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

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

|                |            |      |              |
|----------------|------------|------|--------------|
| Model number * | MX-3110N   | Logo | <b>SHARP</b> |
| Issue date *   | 2011-11-21 |      |              |

| 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>P6</b>                                                                               | <b>Treatment information</b>                                                                                                                                                                                                                                                                                                                                                                            |                                     |                                     |                          |
| P6.1*                                                                                   | Information for recyclers/treatment facilities is available (see legal reference).                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| <b>P7</b>                                                                               | <b>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: 7 years                                                                                                                                                                                                                                                                                                                                          |                                     |                                     | <input type="checkbox"/> |
| P7.10                                                                                   | Service is available after end of production for: 7 years                                                                                                                                                                                                                                                                                                                                               |                                     |                                     | <input type="checkbox"/> |
|                                                                                         | <b>Material and substance requirements</b>                                                                                                                                                                                                                                                                                                                                                              |                                     |                                     |                          |
| P7.11*                                                                                  | Product cover/housing material type:<br>Material type: <b>PC+ABS</b> Material type: <b>PC+AS</b> Material type:                                                                                                                                                                                                                                                                                         |                                     |                                     |                          |
| P7.12                                                                                   | Electrical cable insulation materials of power cables are PVC free.                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.13                                                                                   | Electrical cable insulation materials of signal cables are PVC free                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.14                                                                                   | All cover/housing plastic parts >25g are free from chlorine and bromine.                                                                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.15                                                                                   | All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2)                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.16                                                                                   | Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:<br>Marking: <b>&gt;FR40&lt;</b>                                                                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.17                                                                                   | Alt. 1<br>Chemical specifications of flame retardants in printed circuit boards >25g (without components):<br>TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> , Other; chemical name: , CAS #:<br><br>Alt. 2<br>Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4:                             | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.18                                                                                   | Alt. 1<br>Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:<br>Comment: No legal limits exist, this is a market requirement.<br>1. Chemical name: , CAS #:<br>2. Chemical name: , CAS #:<br>3. Chemical name: , CAS #:<br>Alt. 2<br>Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.19                                                                                   | Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)                                                                                                                                                                                                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.20                                                                                   | Of total plastic parts' weight >25g, recycled material content is <b>3,47%</b> .                                                                                                                                                                                                                                                                                                                        |                                     |                                     |                          |
| P7.21                                                                                   | Of total plastic parts' weight >25g, biobased material content is <b>0</b> %.                                                                                                                                                                                                                                                                                                                           |                                     |                                     |                          |
| P7.22                                                                                   | Light sources are free from mercury<br>If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg                                                                                                                                                                                                                                                                               | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| <b>P8</b>                                                                               | <b>Batteries</b>                                                                                                                                                                                                                                                                                                                                                                                        |                                     |                                     |                          |
| P8.1*                                                                                   | Battery chemical composition: <b>LiMnO2</b>                                                                                                                                                                                                                                                                                                                                                             |                                     |                                     | <input type="checkbox"/> |
| P8.2                                                                                    | Batteries meet the requirements of the following voluntary program/s:                                                                                                                                                                                                                                                                                                                                   |                                     |                                     | <input type="checkbox"/> |

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 * | MX-3110N   |      |              |
| Issue date *   | 2011-11-21 | Logo | <b>SHARP</b> |

| Product environmental attributes - Market requirements (continued)                                                                                                                                                |                                                                                                                                                                                                              |                            |                                                              |                                                            | Requirement met                                         |                          |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
| Item                                                                                                                                                                                                              |                                                                                                                                                                                                              |                            |                                                              |                                                            | Yes                                                     | No                       | n.a.                     |
| P9 Energy consumption                                                                                                                                                                                             |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| 9.1 For the product the following power levels or energy consumptions are reported:                                                                                                                               |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| Energy mode *                                                                                                                                                                                                     | Power level at<br>100 V AC                                                                                                                                                                                   | Power level at<br>115 V AC | Power level at<br>230 V AC                                   | Reference / Standard for energy<br>modes and test method * |                                                         |                          |                          |
| Max. power consumption                                                                                                                                                                                            | W                                                                                                                                                                                                            | W                          | 1840 W                                                       |                                                            |                                                         |                          |                          |
| Operation continuous                                                                                                                                                                                              | W                                                                                                                                                                                                            | W                          | 663.8 W                                                      |                                                            |                                                         |                          |                          |
| Ready mode                                                                                                                                                                                                        | W                                                                                                                                                                                                            | W                          | 128.9 W                                                      |                                                            |                                                         |                          |                          |
| Preheat mode                                                                                                                                                                                                      | W                                                                                                                                                                                                            | W                          | 104.5 W                                                      |                                                            |                                                         |                          |                          |
| Sleep mode                                                                                                                                                                                                        | W                                                                                                                                                                                                            | W                          | 0.95 W                                                       |                                                            |                                                         |                          |                          |
| Plug-in off mode                                                                                                                                                                                                  | W                                                                                                                                                                                                            | W                          | 0.17 W                                                       |                                                            |                                                         |                          |                          |
| EPS No-load<br>(External power supply /<br>charger plugged in the wall<br>outlet but disconnected from<br>the product.)                                                                                           | W                                                                                                                                                                                                            | W                          | W                                                            |                                                            |                                                         |                          |                          |
| PTEC *<br>Typical Energy Consumption                                                                                                                                                                              | W                                                                                                                                                                                                            | W                          | W                                                            |                                                            |                                                         |                          |                          |
| TEC *<br>Typical Energy Consumption                                                                                                                                                                               | kWh/week                                                                                                                                                                                                     | kWh/week                   | 2.335 kWh/week                                               | Energy Star (ver. 1.1)                                     |                                                         |                          |                          |
| ETEC *<br>Annual Energy Consumption                                                                                                                                                                               | kWh/year                                                                                                                                                                                                     | kWh/year                   | kWh/year                                                     |                                                            |                                                         |                          |                          |
| Display resolution* : Megapixels                                                                                                                                                                                  |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| Print Speed * : 31 Images per minute                                                                                                                                                                              |                                                                                                                                                                                                              |                            |                                                              | Color/Monochrome                                           |                                                         |                          |                          |
| Default time to enter energy save mode: minutes                                                                                                                                                                   |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| 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® version: 1.1 Tier: 2 Product category: Imaging Equipment<br>Others specify: Nordic Swan,Blue Angel,Ecologoe |                                                                                                                                                                                                              |                            |                                                              |                                                            | <input checked="" type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> |
| P10 Emissions                                                                                                                                                                                                     |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| Noise emission – Declared according to ISO 9296                                                                                                                                                                   |                                                                                                                                                                                                              |                            |                                                              |                                                            |                                                         |                          |                          |
| P10.1                                                                                                                                                                                                             | Mode                                                                                                                                                                                                         | Mode description           | Declared<br>A-weighted<br>sound power<br>level $L_{wAd}$ (B) | Declared A-weighted<br>sound pressure level $L_{pAm}$ (dB) |                                                         |                          |                          |
|                                                                                                                                                                                                                   |                                                                                                                                                                                                              |                            |                                                              | Operator position <input type="checkbox"/>                 | Bystander positions <input checked="" type="checkbox"/> |                          |                          |
|                                                                                                                                                                                                                   |                                                                                                                                                                                                              |                            |                                                              | Desktop <input type="checkbox"/>                           | (only if product is not<br>operator attended)           |                          |                          |
|                                                                                                                                                                                                                   |                                                                                                                                                                                                              |                            |                                                              | or Desk side <input type="checkbox"/>                      |                                                         |                          |                          |
|                                                                                                                                                                                                                   | Idle                                                                                                                                                                                                         | * Ready                    | * 4.4                                                        | 26                                                         |                                                         |                          |                          |
|                                                                                                                                                                                                                   | Operation                                                                                                                                                                                                    | * Operation                | * 7.3                                                        | 55                                                         |                                                         |                          |                          |
|                                                                                                                                                                                                                   | Other mode                                                                                                                                                                                                   |                            |                                                              |                                                            |                                                         |                          |                          |
|                                                                                                                                                                                                                   | Measured according to: <input checked="" type="checkbox"/> ISO7779 <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: Nordic Swan,Blue Angel                                                                                              |                                                                                                                                                                                                              |                            |                                                              |                                                            | <input checked="" type="checkbox"/>                     | <input type="checkbox"/> | <input type="checkbox"/> |

|                |            |                   |
|----------------|------------|-------------------|
| Model number * | MX-3110N   |                   |
| Issue date *   | 2011-11-21 | Logo <b>SHARP</b> |

| Product environmental attributes - Market requirements (continued)                             |                                                                                                                                                                                                                                                                                                                            | Requirement met                     |                          |                                     |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| Item                                                                                           |                                                                                                                                                                                                                                                                                                                            | Yes                                 | No                       | n.a.                                |
| <b>Chemical emissions from printing products</b>                                               |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P10.3*                                                                                         | Test performed according to ECMA-328 (ISO/IEC 28360) standard <input type="checkbox"/> , other specify: <b>RAL-UZ 122</b>                                                                                                                                                                                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P10.4                                                                                          | Typical emission rate (print phase) is (mg/h):<br>Dust <b>0.2/-</b> Ozone <b>2.8/0.9</b> Styrene <b>0.1/0.05</b> Benzene <b>-/-</b> TVOC <b>1.4/1.2</b>                                                                                                                                                                    |                                     |                          | <input type="checkbox"/>            |
| P10.5                                                                                          | Chemical emission requirements of the following voluntary program/s <b>RAL-UZ 122</b> are met for :<br>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"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>Electromagnetic emissions</b>                                                               |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P10.6                                                                                          | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:                                                                                                                                                                                                      | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P11 Consumable materials for printing products</b>                                          |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P11.1*                                                                                         | A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).                                                                                                                                                                                                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P11.2*                                                                                         | Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.                                                                                                                                                                                                            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P11.3*                                                                                         | 2-sided (duplex) printing/copying is an integrated product function.                                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P12 Ergonomics for computing products</b>                                                   |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P12.1*                                                                                         | The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.                                                                                                                                                                                                                              | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P12.2*                                                                                         | The physical input device meets the requirements of ISO 9995 and ISO 9241-410.                                                                                                                                                                                                                                             | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P13 Packaging and documentation</b>                                                         |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| P13.1*                                                                                         | Product packaging material type(s): <b>Paper/Cardboard</b> weight (kg): <b>5.5</b><br>Product packaging material type(s): <b>Plastic/EPS</b> weight (kg): <b>0.85</b><br>Product packaging material type(s): <b>Wood</b> weight (kg): <b>8</b>                                                                             |                                     |                          |                                     |
| P13.2*                                                                                         | Product plastic packaging is free from PVC.                                                                                                                                                                                                                                                                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P13.3*                                                                                         | Specify media for user and product documentation (tick box):<br>Electronic <input checked="" type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/>                                                                                                                                |                                     |                          | <input type="checkbox"/>            |
| P13.4*                                                                                         | For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: <b>0%</b>                                                                                                                                                                                                   |                                     |                          | <input type="checkbox"/>            |
| Rev. P13.5                                                                                     | User and product documentation do not contain chlorine bleached paper                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <b>P14 Additional information (See Note B4)</b>                                                |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| <b>Toner cartridge yield, average: black toner 24K, color toner 15K</b>                        |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
| <b>printed on one-sided on A4 paper, 5 % coverage. Measured according to SHARP's standard.</b> |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
|                                                                                                |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |
|                                                                                                |                                                                                                                                                                                                                                                                                                                            |                                     |                          |                                     |

Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

## Legal references Europe Annex B

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