

# THE ECO DECLARATION



Ecma/TC38-TG3/2015/025  
(Rev. 1 – 15 April 2015)

## Annex B1 - Product environmental attributes Imaging equipment

The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable).  
Additional information regarding each item may be found under P15.

|   |  |      |
|---|--|------|
| Brand *                                 | <i>Brother</i>                               | Logo |
| Company name *                          | <i>Brother International Europe</i>          |      |
| Contact information *<br>e-mail address | <i>EUBIEEnvironmentalGroup@brother.co.uk</i> |      |
| Internet site *                         | <i>www.brother.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>Label Printer</i>   |
| Commercial name *  | <i>QL-800</i>  |
| Model number *   | <i>QL-800</i>  |
| Issue date *   | <i>12/January/2017</i>   |
| 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.

### About Annex B1

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution  
P12.1-P12.2 Ergonomic requirements.

|                |                 |      |
|----------------|-----------------|------|
| Model number * | QL-800          | Logo |
| Issue date *   | 12/January/2017 |      |

| 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 comply with the current European RoHS Directive. (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*   | Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference).<br>Comment: Max limit in legal reference when tested according to EN1811:2011-5.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P1.7*   | REACH Article 33 information about substances in articles is available at (add URL or mail contact):<br><a href="http://www.brother.eu/reach">www.brother.eu/reach</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, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)  | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.2*   | Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.3*   | Batteries and accumulators are readily removable. (See legal reference)   | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <b>P3</b>   | <b>Conformity verification &amp; Eco design (ErP)</b>   |                                     |                          |                                     |
| P3.1*   | The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address):<br><a href="http://support.brother.com/g/b/productsearch.aspx?c=gb&amp;lang=en">http://support.brother.com/g/b/productsearch.aspx?c=gb&amp;lang=en</a>   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| P3.2*   | The product complies with the Eco design requirements for energy-related products, (see legal reference).<br>Required information is; <input type="checkbox"/> given in item P15 or added to this document,<br><input checked="" type="checkbox"/> available at (add URL):<br><a href="http://support.brother.com/g/b/productsearch.aspx?c=gb&amp;lang=en">http://support.brother.com/g/b/productsearch.aspx?c=gb&amp;lang=en</a> | <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 type="checkbox"/>            | <input type="checkbox"/> | <input checked="" 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 or contains a substance for which there are Community workplace exposure limits, the product/packaging is adequately labeled according to applicable regulations 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*   | The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (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"/>            |
| <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"/>            |

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

|                |                 |      |
|----------------|-----------------|------|
| Model number * | QL-800          | Logo |
| Issue date *   | 12/January/2017 |      |

| Product environmental attributes - Market requirements (See General NOTE GN below) |  | Requirement met                     |                                     |                          |
|--|--|-------------------------------------|-------------------------------------|--------------------------|
| - Environmental conscious design   |  | Yes                                 | No                                  | n.a.                     |
| Item   | *=mandatory to fill in. Additional information regarding each item may be found under P14.   |                                     |                                     |                          |
| <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 > 100 g consist of one material or of easily separable materials.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.4*  | Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.5   | Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.6*  | Labels are easily separable. (This requirement does not apply to safety/regulatory labels).  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
|  | <b>Product lifetime</b>  |                                     |                                     |                          |
| P7.7*  | Upgrading can be done e.g. with processor, memory, cards or drives   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.8*  | Upgrading can be done using commonly available tools   | <input type="checkbox"/>            | <input checked="" 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 (e.g. plastics, metal, aluminum):<br>Material type: <u>PC/PS</u> Material type: <u>ABS</u> Material type:  |                                     |                                     |                          |
| P7.12  | Insulation materials of external electrical cables are PVC free.   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.13  | Insulation materials of internal electrical cables are PVC free.   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| P7.14  | External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.15  | Printed circuit boards, PCBs (without components) are low halogen: all <input type="checkbox"/> PCBs > 25 g <input type="checkbox"/> are low halogen as defined in IEC 61249-2-21. (See NOTE B2)   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.16  | Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:<br>Marking: <u>FR(40)</u>  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.17  | <u>Alt. 1:</u> Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):<br>TBBPA (additive) <input type="checkbox"/> , TBBPA (reactive) <input type="checkbox"/> (See NOTE B3), Other; chemical name:                      , CAS #:<br><u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.18  | <u>Alt. 1:</u> Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%:<br>1. Chemical name:                      , CAS #:                      (See NOTE B4)<br>2. Chemical name:                      , CAS #:                      "<br>3. Chemical name:                      , CAS #:                      "<br><u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: <u>FR(40)</u> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.19  | In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases;                      and Hazard statements:<br>The source(s) for these classifications is/are found at (add URL(s)):                      ,                      (See NOTE B5)   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| P7.20*   | Postconsumer recycled plastic material content is used in the product (See NOTE B6):<br>If YES; at least one of the two alternatives below shall be answered;<br>a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is                      %.<br>or<br>b) The weight of recycled material is                      g.  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

NOTE B3 and B4 A Guidance document on Chemical substances is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

|                |                 |      |
|----------------|-----------------|------|
| Model number * | QL-800          | Logo |
| Issue date *   | 12/January/2017 |      |

**Product environmental attributes - Market requirements (continued)** **Requirement met**

| Item  | Yes                                 | No                                  | n.a.  |  |                                     |
|---|-------------------------------------|-------------------------------------|---|--|-------------------------------------|
| <b>Material and substance requirements (continued)</b>  |                                     |                                     |   |  |                                     |
| P7.21*  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>  |  |                                     |
| Biobased plastic material content is used in the product (See NOTE B7):<br>If YES; at least one of the two alternatives below shall be answered;<br>a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %.<br>or<br>b) The weight of the biobased plastic material is g. |                                     |                                     |   |  |                                     |
| P7.22*  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>  |  |                                     |
| Light sources are free from mercury, i.e. less than 0,1 mg/lamp.<br>If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg   |                                     |                                     |   |  |                                     |
| <b>P8 Batteries</b>   |                                     |                                     |   |  |                                     |
| P8.1*   |                                     |                                     | <input checked="" type="checkbox"/>   |  |                                     |
| Battery chemical composition:   |                                     |                                     |   |  |                                     |
| <b>P9 Energy consumption (See NOTE B8)</b>  |                                     |                                     |   |  |                                     |
| P9.1 For the product the following power levels or energy consumptions are reported:  |                                     |                                     |   |  |                                     |
| Energy mode *   | Power level at 100 V AC             | Power level at 115 V AC             | Power level at 230 V AC   | Reference/Standard for modes and test method *                           | <input type="checkbox"/>            |
| Sleep mode for ENERGY STAR® Operational Mode (OM) products  | W                                   | W                                   | 1.3 W   |  | <input type="checkbox"/>            |
| Standby/off mode for ENERGY STAR Operational Mode (OM) products   | W                                   | W                                   | 0.2 W   |  | <input type="checkbox"/>            |
| TEC value for ENERGY STAR TEC products<br>(TEC= Typical Energy)   | kWh/week                            | kWh/week                            | kWh/week  |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
|   | W                                   | W                                   | W   |  | <input type="checkbox"/>            |
| External Power Supply Efficiency Level (International Efficiency Marking Protocol) * :  |                                     |                                     |   |  | <input checked="" type="checkbox"/> |
| Print/Scan Speed * : 9 images per minute  |                                     |                                     |   |  | <input type="checkbox"/>            |
| Default time to enter energy save mode: minutes   |                                     |                                     |   |  | <input checked="" type="checkbox"/> |
| P9.2*   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | Information about the energy save function is provided with the product. |                                     |
| <b>P10 Emissions</b>  |                                     |                                     |   |  |                                     |
| <b>Noise emission – Declared according to ISO 9296 (See NOTE B9)</b>  |                                     |                                     |   |  |                                     |
| P10.1   | Mode                                | Mode description                    | Statistical upper limit A-weighted sound power level, L <sub>WA,C</sub> (B) |  |                                     |
|   | Idle                                | *                                   | *   |  | <input type="checkbox"/>            |
|   | Operation                           | *                                   | *   |  | <input type="checkbox"/>            |
|   | Other mode                          |                                     |   |  |                                     |
| Measured according to: <input type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74<br><input type="checkbox"/> Other (only if not covered by ECMA-74)  |                                     |                                     |   |  |                                     |

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic.

NOTE B8 A Guidance document on Energy Efficiency is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>

NOTE B9 A Guidance document on Acoustic Noise is available; see <http://www.ecma-international.org/publications/standards/Ecma-370.htm>



## Legal references Europe Annex B1

| Reference   | Declaration item             |
|---|------------------------------|
| Directive 2011/65/EU (RoHS Directive) *<br>* Specific exemptions apply for certain products and applications.   | P1.1, P4.1                   |
| (EC) 1907/2006(REACH, Annex XVII)   | P1.2, P1.4, P1.6, P1.7, P4.2 |
| Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)  | P1.3, 5.3                    |
| Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002  | P1.5                         |
| "REACH" Regulation (1907/2006), annex VII   | P1.10                        |
| Directive 2013/56/EC (Battery and accumulators Directive) *<br>* These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.            | P2.1, P2.2, P2,3, P8.1       |
| Directive 2006/95/EC (Low Voltage Directive)  | P3.1                         |
| Directive 2004/108/EC (EMC Directive)   | P3.1                         |
| Directive 1999/5/EC (R&TTE Directive)   | P3.1                         |
| Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions | P3.1, P3.2                   |
| Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)   | P4.3                         |
| Regulation (EC) 1272/2008 (CLP Regulation)  | P4.3, P7.19                  |
| Directive 2004/12/EC ( Packaging Directive)   | P5.1                         |
| Decision 97/129/EC ( Secondary packaging legislation)   | P5.2                         |
| Directive 2012/19/EU (WEEE directive)   | P6.1                         |