Outline of Marking for Control of Pollution Caused by Electronic Information Products

1. Scope
This standard specifies names and contents of the toxic or hazardous substances or elements contained in electronic information products, the environment-friendly use period, recovery and marking of names of packaging materials.
This standard applies to the electronic information products sold in the People’s Republic of China.

2. General rules
All electronic information products that are sold in the People’s Republic of China shall be marked with pollution control logos for electronic information products in accordance with the requirements set forth in this standard. If the sizes or functions of products prevent direct marking on the products, it may be specified in the product instructions.
With respect to the electronic information products that are purchased for manufacturing, suppliers need not provide the aforementioned marking, but shall supply to the purchaser all necessary information required for marking. Correspondingly, the purchasers in this case shall mark the electronic information products they manufacture and the scope of marking shall include that for the electronic information products purchased for manufacturing.

3. Electronic information products pollution control logos
3.1 Logos
Logos 1 and 2 are demonstrated [below] for marking for control of pollution caused by electronic information products; please refer to Appendix B for definitions [of these logos].

![Logo 1](image1) ![Logo 2](image2)

Note: The number in logo 2 is only for demonstration. When in actual use, it shall be replaced with the corresponding environment-friendly use period of the product.

3.2 Colors
The suggested color for the marking in logo 1 is green (C: 85, M: 31, Y: 83, K: 20), and the suggested color for the marking in logo 2 is orange (C: 0, M: 75, Y: 99, K: 0). If the marking does not look sufficiently clear because the color of the electronic information product is close to the suggested color, any other prominent color may be used, and the marking molded on the products can be the same color as that of the products.

3.3 Specifications
3.3.1 Specifications for logos
The proportion for the lines in logo 1 and logo 2 is shown in Figures 3 and 4 (Number of Grids is 100×100). The font for the number in logo 2 is Impact, and the ratio of its height...
to inner and outer diameters of the circle is 5:8:12.

Figure 3

3.3.2 Marking specifications
Producers or importers shall choose suitable specifications for logos according to the sizes of the electronic information products and components. However, these shall not be smaller than $5\times 5$ mm.

3.4 Marking requirements
3.4.1 When logo 1 is used for marking, the pollution control logos for electronic information products may be marked directly on the products through molding, painting, pasting or printing, or be specified in the product instructions.

3.4.2 When logo 2 is used for marking, for the electronic information products with a regular shape and a maximum surface area equal to or larger than $5 \times 10^3$ mm$^2$, the pollution control logos for electronic information products shall be marked directly on the products through molding, painting, pasting or printing; for the electronic information products with an irregular shape or a maximum
surface area less than $5 \times 10^3 \text{ mm}^2$, the pollution control logos may not be marked directly on the products, but must be specified in the product instructions.

3.4.3 If the pollution control logos for electronic products are to be marked on the products, they normally shall be marked at a prominent location on the electronic information products, such as the front of the product, side or back where function keys are located. If restricted by functions and appearances so that it is not possible to mark the pollution control logos in prominent locations, they shall be located at other visible places easily detected by consumers.

4. Marking for toxic or hazardous materials or elements

4.1 General rules

Electronic information products shall be marked in accordance with this standard to indicate whether they contain any toxic or hazardous substances or elements. If there are no toxic or hazardous substances or elements contained in the products, logo 1 shall be chosen. If products contain any toxic or hazardous substances or elements, logo 2 shall be chosen. In addition, names and contents of toxic or hazardous substances shall be specified in the product instructions in accordance with the requirements stipulated in Clause 6.2 of SJ/T-11364.

4.2 Names and contents of toxic or hazardous materials

4.2.1 Marking styles

Please refer to Table 1 for the names and contents of the toxic or hazardous substances or elements contained in electronic information products.

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Toxic or hazardous Substances and Elements</th>
<th>Polybrominated Biphenyls (PBB)</th>
<th>Polybrominated Biphenyls ethers (PBDE)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lead (Pb)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mercury (Hg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cadmium (Cd)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hexavalent Chromium (Cr(VI))</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Polybrominated Biphenyls (PBB)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Polybrominated Biphenyls ethers (PBDE)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T 11363-2006.

X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirements in SJ/T 11363-2006.

(Enterprises may further provide in this box technical explanation for marking “X” based on their actual conditions.)

4.2.2 Marking requirements

Producers and importers who manufacture or import electronic information products that contain toxic or hazardous substances or element shall specify in product instructions the names and contents of toxic or hazardous substances or element and mark them on the parts where they are contained in by following the styles specified in Clause 4.2.1 of this standard. The first row in Table 1 is the head. The first column is the part name. Other columns are contents of the toxic or hazardous substances or elements. The last row shall be used entirely for meanings of the logos and explanation for other related matters.

If certain toxic or hazardous substances or elements do not exist in this part, namely this toxic or hazardous substance or element contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006, then mark “O” for the corresponding column. If certain toxic or hazardous substance or element is contained in this part, namely this toxic or hazardous substance or element contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006, then mark “X” for the corresponding column.

The height of Chinese characters and logos used in the marking shall not be smaller than 1.8 mm.
5. Environment-friendly use period marking

The environment-friendly use periods shall be marked on of the electronic information products that contain toxic or hazardous substances or elements according to Logo 2. In addition, detailed explanations for the use conditions during the environment-friendly use periods and special markings for the parts shall be specified in the product instructions. In the above case, the number in the middle of logo shall be replaced with the actual environment-friendly use period for this product with the unit of year.

The date of manufacture for the electronic information product is the beginning of environment-friendly use period.

The environment-friendly use period will be stipulated by manufacturers.

6. Recovery marking

The products affixed with pollution control logos for electronic information products are assumed to be recyclable. They should not be thrown away casually.

7. Names and marking of packaging materials

Electronic information products producers or importers shall follow GB 18455-2001 to label the codes for packaging materials on the packaging of the products they manufacture or import. If the maximum surface area of the packaging is smaller than $5 \times 10^3 \text{mm}^2$, it may not be marked directly on the packages, but rather shall be explained in the product instructions.

(All information published in this website is authentic in Chinese. English is provided for reference only.)