

Ordinance of the Ministry for Providing the Matters that Shall be Used by Businesses Engaged in Manufacturing, etc. of Personal Computers as the Standards of Judgments concerning Promotion of Utilization of Recycled Resources or Reusable Parts(Ordinance of the Ministry of Economy, Trade and Industry No.77 of 2001)

Chapter 1 Standards of Judgment for the Manufacturers

Article 1 (Efforts relating to Raw Material)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, businesses that engage in the manufacturing of personal computers (including CRTs and liquid crystal displays; the same shall apply hereinafter)(hereinafter referred to as the “Manufacturers”) shall use those raw materials that can be used as recycled resources for manufacturing CRTs, housing, or other Parts, etc. (referring to both parts and components; the same shall apply hereinafter) of personal computers, reduce the kinds of the raw materials used in the Parts., etc., reduce the number of the Parts, etc. that are made of plated synthetic resin materials, and take other relevant measures.

(2) For the purpose of promoting utilization of reusable parts pertaining to personal computers, the Manufacturers shall use stain-resistant or easy-to-clean raw materials for manufacturing CRTs, housing, or other Parts, etc. of personal computers and take other relevant measures.

Article 2 (Efforts relating to Structure)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, the Manufacturers shall facilitate easy treatment of personal computers by reducing the number of screws, consolidating several parts into one component or otherwise facilitating easy removal of the Parts, etc., facilitating easy collection and transport of them, and taking other relevant measures.

(2) For the purpose of promoting utilization of sealed storage batteries (referring to sealed lead storage batteries (limited to those whose quantity of electricity is not more than 234 kilo coulombs), sealed alkaline storage batteries or sealed lithium batteries, except those used for memory retention of the devices; the same shall apply hereinafter) as recycled resources, the Manufacturers shall adopt methods of fixing sealed storage batteries without soldering, adopt the structures that enable easy removal of sealed storage batteries by consumers, and make other structure-related efforts that may facilitate the said purpose.

(3) For the purpose of promoting utilization of reusable parts pertaining to personal computers, in terms of the main storage units, magnetic disk units and other Parts, etc., the Manufacturers shall adopt structures that are less likely to damage them

upon their removal, and are less likely to have them stained and make them easy to clean up, shall clearly indicate their life, and shall take other relevant measures.

Article 3 (Efforts relating to Sorting)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, the Manufacturers shall enable easy sorting for utilization of recycled resources pertaining to the personal computers by indicating the name of materials used in the Parts, etc. that are made of synthetic resin and have a weight of more than 25 grams and make other sorting-related efforts that may facilitate the said purpose.

(2) For the purpose of promoting utilization of sealed storage batteries as recycled resources, the Manufacturers shall indicate or state on the personal computers and the manuals and other articles attached thereto, the fact that those devices use sealed storage batteries and matters related to promoting utilization of sealed storage batteries as recycled resources.

Article 4 (Ensuring Safety in Treatment)

For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Manufacturer shall ensure safety in their treatment by taking into account toxicity and other characteristics of the raw materials.

Article 5 (Considerations for Safety, etc.)

When promoting utilization of recycled resources or reusable parts pertaining to personal computers by making the efforts prescribed in the preceding Articles, the Manufacturers shall consider the safety and durability of the personal computers and other necessary circumstances.

Article 6 (Technological Improvement)

For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Manufacturers shall strive to improve the necessary technologies.

Article 7 (Assessment in Advance)

(1) For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Manufacturers shall, when designing personal computers, conduct assessments in advance on the personal computers with regard to efforts prescribed in Article 1 to Article 4.

(2) For the purpose of assessment set forth in the preceding paragraph, the Manufacturers shall establish the items, standards and methods of assessment for

the respective types of personal computer.

(3) When making the assessment set forth in paragraph 1, the Manufacturers shall compile the necessary records.

Article 8 (Control of Materials Contained)

For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Manufacturers shall manage the materials specified in the appended table by identifying and understanding the kind and quantity of such materials contained in the Parts, etc. and taking other relevant measures.

Article 9 (Provision of Information)

(1) The Manufacturers shall provide information on structures of personal computers, methods for removing sealed storage batteries used therein or other Parts, etc., the names of materials used in the Parts, etc., and other information that may contribute to utilization of recycled resources or reusable parts pertaining to personal computers.

(2) For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Manufacturers shall provide information on the kinds and quantity of materials specified in the appended table and contained in the Parts, etc., in addition to the information provided for in the preceding paragraph. In this case, the provision of information shall be made according to JIS (Japan Industrial Standard) C0950.

Article 10 (Efforts relating to Packaging Materials)

(1) With regard to packaging materials for personal computers, the Manufacturers shall use raw materials that are easily usable as recycled resources or raw materials in which recycled resources are utilized, while giving consideration to safety, functionality, economic efficiency and other necessary circumstances.

(2) For the purpose of promoting utilization of packaging materials for personal computers as recycled resources, while giving consideration to safety, functionality, economic efficiency and other necessary circumstances, the Manufacturers shall, with regard to packaging of personal computers, adopt structures that enable easy separation of packaging materials that can be utilized as recycled resources from other packaging materials, adopt structures that enable their easy collection and transport, and take other relevant measures.

Chapter 2 Standards of Judgment for the Importers

Article 11 (Efforts relating to Raw Material)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, businesses that sell personal computers that have been imported by the businesses themselves (hereinafter referred to as the "Importers") shall import and sell personal computers for which raw materials that can be used as recycled resources for manufacturing CRTs, housing, or other Parts, etc. of personal computers are used, the kinds of raw materials that are used in the Parts, etc. are reduced, the number of the Parts, etc. that are made of plated synthetic resin materials is reduced, and other relevant measures are taken.

(2) For the purpose of promoting utilization of reusable parts pertaining to personal computers, the Importers shall import and sell personal computers for which stain-resistant or easy-to-clean raw materials are used for manufacturing CRTs, housing, or other Parts, etc. of personal computers and other relevant measures are taken.

Article 12 (Efforts relating to Structure)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, the Importer shall facilitate easy treatment of personal computers, by importing and selling personal computers for which the number of screws are reduced, several parts are fitted after being consolidated into one component or otherwise easy removal of the Parts, etc. is enabled, easy collection and transport of them is enabled, and other relevant measures are taken.

(2) For the purpose of promoting utilization of sealed storage batteries as recycled resources, the Importers shall import and sell personal computers for which methods of fixing sealed storage batteries without soldering are adopted, the structures that enable easy removal of sealed storage batteries by consumers are adopted, and other relevant measures are taken.

(3) For the purpose of promoting utilization of reusable parts pertaining to personal computers, the Importers shall import and sell personal computers for which, with regard to their main storage units, magnetic disk units and other Parts, etc., structures that are less likely to damage them upon their removal, and are less likely to have them stained or make them easy to clean up, are adopted, their life is clearly indicated, and other relevant measures are taken.

Article 13 (Efforts relating to Sorting)

(1) For the purpose of promoting utilization of recycled resources pertaining to personal computers, the Importers shall facilitate easy sorting for utilization of recycled resources pertaining to personal computers by importing and selling personal computers which indicate the name of materials used in the Parts, etc. that are made of synthetic resin and have a weight of more than 25 grams and other

sorting-related efforts are made for the said purpose.

(2) For the purpose of promoting utilization of sealed storage batteries as recycled resources, the Importers shall import and sell personal computers on which, and their manuals and/or other articles in which, the fact that those devices use sealed storage batteries and matters related to promotion of utilization of sealed storage batteries as recycled resources are indicated or stated.

Article 14 (Ensuring Safety in Treatment)

For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Importers shall ensure safety in their treatment by importing and selling personal computers which take into account toxicity and other characteristics of the raw materials.

Article 15 (Improvement of Knowledge)

For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Importers shall strive to improve their necessary knowledge.

Article 16 (Assessment in Advance)

(1) For the purpose of promoting utilization of recycled resources or reusable parts pertaining to personal computers, the Importers shall, when selling the personal computers imported by them, conduct assessments in advance on the personal computers with regard to efforts prescribed in Articles 11 to 14.

(2) For the purpose of assessment set forth in the preceding paragraph, the Importers shall establish the items, standards and methods of assessment for the respective types of personal computer.

(3) When making the assessment set forth in paragraph 1, the Importers shall compile the necessary records.

Article 17 (Efforts relating to Packaging Materials)

For the purpose of promoting utilization of packaging materials for personal computers as recycled resources, the Importer shall import and sell personal computers which, with regard to their packaging, use raw materials that are easily usable as recycled resources, adopt structures that enable easy separation of packaging materials that can be utilized as recycled resources from other packaging materials, adopt structures that enable easy collection and transport, and take other relevant measures, while giving consideration to safety, functionality, economic efficiency and other necessary circumstances.

Article 18 (*Mutatis Mutandis* Application)

The provisions of Articles 5, 8 and 9 shall apply *mutatis mutandis* to the Importers. In this case, the term “the preceding Articles” in Article 5 shall be deemed to be replaced with "Articles 11 to 14."

Appended table (Re: Arts. 8, 9 and 18)

(i) Lead and lead compounds
(ii) Mercury and mercury compounds
(iii) Hexavalent chromium compounds
(iv) Cadmium and cadmium compounds
(v) Polybromobiphenyls
(vi) Polybromodiphenyl ether