

**Ordinance of the Ministry for Providing the Matters that Shall be Used by Businesses Engaged in Manufacturing, etc. of Refrigerators as the Standards of Judgment concerning Promotion of Utilization of Recycled Resources (Ordinance of the Ministry of Economy, Trade and Industry No.85 of 2001)**

## **Chapter 1 Standards of Judgment for the Manufacturers**

### **Article 1 (Efforts relating to Raw Material)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, businesses that engage in the manufacturing of refrigerators (hereinafter referred to as the “Manufacturers”) shall use those raw materials that can be used as recycled resources for manufacturing insulation, housing or other Parts, etc. (referring to both parts and components; the same shall apply hereinafter) of refrigerators, reduce the kinds of the raw materials used in the Parts., etc., reduce the number of the Parts, etc. in which raw materials that can be used as recycled resources are difficult to separate from other raw materials, and take other relevant measures.

### **Article 2 (Efforts relating to Structure)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Manufacturers shall facilitate easy treatment of refrigerators by reducing the number of screws or otherwise facilitating easy removal of the Parts, etc., fitting handles on or otherwise facilitating easy collection and transport of them, and taking other relevant measures.

### **Article 3 (Efforts relating to Sorting)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Manufacturers shall enable easy sorting for utilization of recycled resources pertaining to the refrigerators by indicating the name of materials used in the Parts, etc. that are made of synthetic resin and have a weight of more than 100 grams and make other sorting-related efforts that may facilitate the said purpose.

### **Article 4 (Ensuring Safety in Treatment)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, 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 pertaining to refrigerators by

making the efforts prescribed in the preceding Articles, the Manufacturers shall consider the safety and durability of the refrigerators and other necessary circumstances.

#### **Article 6 (Technological Improvement)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Manufacturers shall strive to improve the necessary technologies.

#### **Article 7 (Assessment in Advance)**

(1) For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Manufacturers shall, when designing refrigerators, conduct assessments in advance on the refrigerators 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 refrigerators.

(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 pertaining to refrigerators, 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 refrigerators, methods for removing the Parts, etc., the names of materials used in the Parts, etc., and other information that may contribute to utilization of recycled resources pertaining to refrigerators.

(2) For the purpose of promoting utilization of recycled resources pertaining to refrigerators, 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 refrigerators, 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 refrigerators as recycled resources, while giving consideration to safety, functionality, economic efficiency and other necessary circumstances, the Manufacturers shall, with regard to packaging of refrigerators, 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)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, businesses that sell refrigerators that have been imported by the businesses themselves (hereinafter referred to as the “Importers”) shall import and sell refrigerators for which raw materials that can be used as recycled resources for manufacturing insulation, housing or other Parts, etc. of refrigerators are used, the kinds of raw materials that are used in the Parts., etc. are reduced, the number of the Parts, etc. in which raw materials that can be used as recycled resources are inseparable from other raw materials is reduced, and other relevant measures are taken.

### **Article 12 (Efforts relating to Structure)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Importer shall facilitate easy treatment of refrigerators, by importing and selling refrigerators for which the number of screws are reduced or otherwise easy removal of the Parts, etc. is enabled, handles are fit on or otherwise easy collection and transport of them is enabled, and other relevant measures are taken.

### **Article 13 (Efforts relating to Sorting)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Importers shall facilitate easy sorting for utilization of recycled resources pertaining to refrigerators by importing and selling refrigerators which indicate the name of materials used in the Parts, etc. that are made of synthetic resin and have a weight of more than 100 grams and other sorting-related efforts are made for the said purpose.

**Article 14 (Ensuring Safety in Treatment)**

For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Importers shall ensure safety in their treatment by importing and selling refrigerators 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 pertaining to refrigerators, the Importers shall strive to improve their necessary knowledge.

**Article 16 (Assessment in Advance)**

(1) For the purpose of promoting utilization of recycled resources pertaining to refrigerators, the Importers shall, when selling the refrigerators imported by them, conduct assessments in advance on the refrigerators 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 refrigerators.

(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 refrigerators as recycled resources, the Importer shall import and sell refrigerators 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