

Eco Mark Product Category No.140

**“Refill Containers and Resource Saving Containers
Version 1.11”
Certification Criteria**

—Applicable Scope—

- A. Refill Containers
- B. Resource Saving Containers (Edible Oil Containers)
- C. Container for Sterile-Packed Cooked Rice
- D. Lightweight PET Bottles (Container)
- E. PET Bottles (Containers) Using Reprocessed Materials in Kitchen Utensils and Containers/Packages
- F. PET bottles (containers) using plant-based plastics
- G. Plastic containers and packaging using recycled plastic
- H. Plastic containers and packaging using plant-based plastics

Established: July 2, 2007

Last revised: February 1, 2017

Expiration: June 30, 2022

Japan Environment Association

Eco Mark Office

NOTE: This document is a translation of the criteria written in Japanese. In the event of dispute, the original document should be taken as authoritative.

Eco Mark Product Category No.140

“Refill Containers and Resource Saving Containers Version 1.11”

Certification Criteria

**B. Resource Saving Containers
(Edible Oil Containers)**

1. Purpose of establishing criteria

Omitted

2. Applicable Scope

The product shall be a container for edible oil composed of an inner part made of plastic (inner bag) and an outer part made of paper (outer box).

The product is intended to increase recyclable part by saving plastic part and giving an easy-disassembly design, in place of general plastic bottles because of the content which is oil.

In this category, containers for edible oil are covered. With respect to other containers of easy-disassembly design with multiple materials, criteria shall be properly added for those which are valid to be applied.

3. Terminology

Omitted

4. Certification Criteria and Certification Procedures

With respect to certification to criteria items, the Attached Certificates shall be submitted.

4-1. Environmental Common Criteria and Certification Procedures

(1) The product shall be a container for edible oil which are intended to increase recyclable part by being composed of an inner part made of plastic (inner bag) and an outer part made of paper (outer box) and given an easy-disassembly design, in place of general plastic bottles which are inevitable to dispose because of the content which is oil.

[Certification Procedures]

The conformity to the criteria shall be stated in the Attached Certificates.

(2) The product shall be a container to replace a plastic bottle, comprising an inner part of plastic film (inner bag) and an outer part made of paper (outer box).

- a) The inner bag shall be made of plastic film that is a maximum of 0.15 mm thick.
- b) The outer box shall be of paper containing no less than 90% recycled pulp.

[Certification Procedures]

The Applicant shall submit:

- a) For inner part, specifications of the container
- b) For outer part, a certificate showing the percentage of waste paper in the pulp mixture from a paper manufacturer

(3) In manufacturing the applying product, related environmental laws and regulations and pollution control agreement (hereinafter referred to as the “Environmental Laws, etc.”) must be followed with respect to air pollution, water contamination, noise, offensive odor, and emission of hazardous materials in the area where the plant performing the final manufacturing process is located.

In addition, the state of compliance with the Environmental Laws, etc. for the last five years from the date of application (whether there is any violation) must be reported. If there is any violation, it is necessary that proper remedies and preventive measures have been already taken, and the related Environmental Laws, etc. must thereafter be followed appropriately.

[Certification Procedure]

With respect to the compliance with the Environmental Laws, etc. in the area where the plant performing the final manufacturing process is located, a certificate issued by the representative of the manufacturer of the applying product or the manager of the relevant plant (entry or attachment of the list of names of the Environmental Laws, etc.) must be submitted.

In addition, it is necessary to report whether there is any violation during the last five years, including a violation subject to administrative punishment or administrative guidance, and if there is, the following documents in a and b must be submitted:

- a. With respect to the fact of violation, guidance documents from administrative agencies (including order of correction and warning) and copies of written answers (including those reporting causes and results of correction) to such documents (making a series of progress clear);
- b. Following materials (copies of recording documents, and so on) concerning the

management system for compliance with the Environmental Laws, etc. in 1)-5):

- 1) List of the Environmental Laws, etc. related to the area where the plant is located;
- 2) Implementation system (organizational chart with entry of roles, etc.);
- 3) Document stipulating retention of recording documents;
- 4) Recurrence prevention measures (future preventive measures);
- 5) State of implementation based on recurrence prevention measures (result of checking of the state of compliance, including the result of onsite inspection).

(4) Substances regulated by "Self-imposed Controls on Printing Ink for Food Packaging Materials (Negative List regulations) by the Japan Printing Ink Makers Association shall not be added with printing ink used for the product (labels, etc.) as a prescribed constituent.

[Certification Procedures]
 The Applicant shall state in the Attached Certificate that the product complies with Negative List regulations.

(5) The product shall be disassembled without using industrial tools. The explanation of disassembling method shall be indicated on the product.

[Certification Procedures]
 A document explaining a disassembling method, or photographs or specifications indicating the explanation of a disassembling method shall be submitted.

4-2. Criteria and Certification Procedures for Materials

A. Criteria and Certification Procedures for the Materials of Outer Part

(6) Materials used for outer part shall not correspond to any of those shown in Table 1.

Table 1 Processed Paper and Inks Unfit to Recycling of Paper

Category	Container Material
Processed Paper	Colored paper, fancy paper, resin-impregnated paper (excluding water-soluble paper), parchment paper, tarpaulin paper, waxed paper, cellophane paper, synthetic paper, carbonic paper, carbonless paper, thermosensitive paper, pressure bonding paper, stencil paper, sublimation transfer paper, thermosensitive foaming paper and scented paper

Specialty Ink	Thermosensitive ink, desensitizing ink, magnetic ink, sublimation ink, forming ink and scented ink
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[Certification Procedures]

A certificate that materials correspond to any of those shown in Table 1 shall be submitted.

(7) The container shall not be added with fluorescent whitening agents as a prescribed constituent.

[Certification Procedures]

A certificate from the paper manufacturer shall be submitted.

(8) No chlorine gas shall be used in the pulp bleaching process.

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing

A certificate from the paper manufacturer shall be submitted.

B. Criteria and Certification Procedures for the Materials of Inner Part

(9) Specific chlorofluorocarbons (five CFCs), other CFCs, carbon tetrachloride, trichloroethane, and CFC substitutes (HCFCs) shall not be used.

[Certification Procedures]

The conformity to this item shall be stated in the Attached Certificates. In addition, a certificate from the responsible person or the manager of the plant who manufactures plastic materials to be used in the product shall be submitted.

(10) The plasticizers, colorants, stabilizers, lubricants and other plastics additives for the inner bags shall conform to the positive list of the Japan Hygienic Olefin and Styrene Plastics Association and etc., which is accepted by Japan Environment Association.

[Certification Procedures]

The Applicant shall submit certificates that plasticizer, color materials, stabilizers, lubricants and other plastic additives conform to the Positive List regulations by the Japan Hygienic Olefin And Styrene Plastics Association and etc., which is accepted by Japan Environment Association.

(11) If recycled plastic is used in food apparatus, the measures to ensure the safety

based on “Guidelines on the use of recycled plastic in food apparatus and containers and packaging” of Ministry of Health, Labour and Welfare (Shokuan, 0427 No.2, April 27 2012), shall be taken.

[Certification Procedure]

The written document shall be submitted which shows the ensuring the safety based on “Guidelines on the use of recycled plastic in food apparatus and containers and packaging” of Ministry of Health, Labour and Welfare (Shokuan, 0427 No.2, April 27 2012).

(12) Cadmium, lead, hexavalent chromium, mercury, or their compounds as prescribed constituents of the inner bags shall not be added.

[Certification Procedures]

A certificate that, in producing process of the product, the corresponding chemical substances are not added as a prescribed constituent shall be submitted.

(13) The prescribed constituents of the inner bags shall not be added the substances classified as Groups 1, 2A and 2B by IARC (International Agency for Research on Cancer) as formulation ingredients. However, it excludes the chemical substances to use for the purpose of making polymers by polymerization reaction (ex; polyvinyl monomer, styrene).

[Certification Procedures]

A certificate that in producing process of the product, the specifying chemical substances are not added as a prescribed constituent shall be submitted.

(14) Inner part shall conform to requirements of hazardous materials stipulated in the Standards for Foods, Food Additives, etc. (Ministry of Health and Welfare Notice No. 370, 1959).

[Certification Procedures]

The results of tests certifying that the product conforms to requirements of the corresponding hazardous materials shall be submitted.

(15) Inner part shall not be added with a plastic that contains halogen in polymeric backbone as a prescribed constituent.

[Certification Procedures]

The Applicant shall state in the Attached Certificate that the product conform to this item.

4-3. Quality Criteria and Certification Procedures

(16) Quality of the container shall conform to the industrial voluntary standards or the manufacturer's own standards.

[Certification Procedures]

With respect to the industrial voluntary standards or the manufacturer's own standards, certificates by the Applicant shall be submitted.

5. Product Classification, Indication and Others

Omitted.

July 2, 2007	Established (Version 1.0)
December 13, 2007	Revised (Category A 4-1 (4))
August 21, 2008	Revised (Category A 4-1 (1)(2), Category B 4-1 (3))
May 1, 2009	Revised (Category B 3)
March 15, 2010	Extension of Expiration
July 1, 2010	Revised (Category A [Table 2] added, Interpretation A-1)
March 1, 2011	Revised (Version 1.5)
July 13, 2012	Revised (Version 1.6)
October 1, 2013	Revised (Category C, D and E added Version 1.7)
June 1, 2015	Revised (Category A-D, Version 1.8)
June 1, 2016	Addition of Category G and H (Version 1.9)
September 16, 2016	Addition of Category F (Version 1.10)
February 1, 2017	Revised (Category D 4-1-1(1) and 5, Category E 5, and Category H 3: Version 1.11)
June 31, 2022	Expiration

The Certification Criteria for the Product Category will be revised when necessary.