

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

G. Plastic containers and packaging using recycled plastic

Japan Environment Association
Eco Mark Office

1. Purpose of establishing criteria

Omitted

2. Applicable Scope

The criteria shall cover plastic containers and packaging that function to preserve the quality of content (such as extension of the quality preservation period). While PET bottles designated by the ordinance based on “Act on the Promotion of Effective Utilization of Resources” (designated PET bottles) are covered by Classifications D. to F. in this product category, any PET bottle other than the designated PET bottles is covered by this product category. However, if the Eco Mark product category is also set on the content, the PET bottle is treated as an individual package of said content and thus not included in the applicable scope of this product category. Packing materials, cushioning materials for packaging, etc. are covered by the Eco Mark Product Category No. 118 “Plastic Products Version 2”.

3. Terminology

Omitted

4. Certification Criteria and Certification Procedures

To show conformance to the individual criteria item, the corresponding boxes in the Attached Certificates shall be checked/filled in, stamped with the applicant company seal and submitted.

4-1. Environmental Criteria and Certification Procedures

- (1) A percentage of weight of reprocessed plastics in containers and packaging weight) shall be 25% or higher for post-consumer materials and 50% or higher for

pre-consumer materials.

For laminated packaging materials, at least one layer of a plastic film shall satisfy the above-mentioned standard content rate. In addition, the weight percentage of recycled plastics in the weight of the container and packaging shall be 10% or higher.

Note 1) When a post-consumer material and a pre-consumer material are used concurrently, the standard content rate of the former shall apply. In that case, calculate weight of the pre-consumer material by multiplying it by 1/2.

Note 2) For laminated packaging materials, any material other than plastic (an adhesive, printing ink, aluminum foil of a laminated packaging material, etc.) may be excluded from the weight calculation.

Note 3) In the case of container and packaging composed of an individual package and an outer package, apply the standard content rate with total weight of the individual package and outer package in one sales unit as a denominator.

[Certification Procedure]

The Applicant shall submit a certificate on the containers and packaging weight and weight ratio of reprocessed plastics, and a raw material certificate issued by a raw material supplier.

- (2) 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).

- (3) Plastic materials to be used in the containers and packaging shall not be added with plastics that contain halogen in polymer backbone as a prescribed constituent.

[Certification Procedure]
Compliance with the NL regulations shall be indicated in the Attached Certificate.

- (4) Plastic materials to be used in the containers and packaging shall not be added with plastics that contain halogen in polymer backbone as a prescribed constituent.

[Certification Procedure]
For plastic materials, whether any halogen element is added or not in polymer backbone shall be indicted in the Attached Certificate.

- (5) For containers and packaging for food, plastics additives such as the plasticizers, colorants, stabilizers, lubricants, etc. used in the plastic materials shall comply with the positive list of the Japan Hygienic Olefin and Styrene Plastics Association, etc. This item shall not apply to any recycled materials and plastic additives that cannot be separated from polymers in the material recycling process of the recycled materials.

[Certification Procedures]
A certificate to show that plastic additives such as the plasticizers, colorants, stabilizers, lubricants, etc. used in the plastic materials shall comply with the positive list of the Japan Hygienic Olefin and Styrene Plastics Association, etc., shall be submitted.

- (6) For containers and packaging for food, 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] Certifier: Applicant
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).

- (7) Adhesives to be used for containers and packaging shall comply with “voluntary regulations on adhesives for food package materials, etc.” (NL regulations) by the Japan Adhesive Industry Association.

[Certification Procedures]

Compliance with the NL regulations shall be indicated in the Attached Certificate.

- (8) Containers and packaging for food shall meet the requirement of harmful substances described in “the Standards and criteria for Food and Food Additives, etc. (Ministry of Health and Welfare Notice No. 370, 1959)”.

Containers and packaging for anything other than food shall meet the requirement of harmful substances defined in the same standard criteria or ISO-8124-3, etc.

[Certification Procedures]

The test results to certifying that the products do not contain the corresponding harmful substances shall be submitted.

4-2. Quality Criteria and Certification Procedures <common>

- (9) Quality of containers and packaging shall conform to the industrial voluntary standards or the manufacturer’s own standards.

[Certification Procedures]

A certificate to show the compliance with the appropriate standards shall be submitted.

5. Considerations <common>

In manufacturing products, it is desirable to consider the following, although they are not requirements for certification. The conformance to the individual criteria item shall be indicated in Attached Certificates.

- (1) Containers and packaging shall have a mechanism related to discharge control of wastes from recovery/recycling.
- (2) Plastic materials to be used in a container/package shall not be a disincentive for recycling after use.

6. Product Classification, Indication and Others

- (1) A product classification (application unit) shall be by a brand name.
- (2) In principle, Eco Mark shall be indicated on the body of the container and packaging, etc. For an indication method, “Guide to Eco Mark Usage” shall be followed and the type B indication shall be performed. In addition, when application for Eco Mark product certification/usage is made, a location to indicate Eco Mark and content of the indication shall be submitted.

The certification information including the following (1) to (3) shall be indicated adjacent to the mark. Note that when certain conditions are met in accordance with “Guide to Eco Mark Usage”, indication of only the mark may be accepted (B type exception).

- (1) The statement of “Eco Mark” or a designation of being Eco Mark product that is defined in “Guide to Eco Mark Usage”, Section 7.
- (2) The environment information indication, or statement that the container or package is under certification.

“Container: Recycled plastic ○%” (When any material other than plastic is used concurrently, an expression such as “Container: Recycled plastic ○% in plastics” or the like shall be included so that a member in which the recycled plastic is used can be defined) or any statement equivalent thereto.

For the ○%, state a weight percentage of recycled plastic in the plastic weight of container and packaging (round off to the closest whole number). If weight percentages of recycled plastics differ in a same product classification, the lowest value in the same product classification may be stated or “○○% or higher” may be stated with the lowest value. Alternatively, a reference value may be set to the lower limit or a numeric value that can be easily handled. When a post-consumer material and a pre-consumer material are used concurrently, total values of respective weight percentages shall be stated.

For laminated packaging materials, however, provided that a member in which recycled plastic is used is defined by stating constituent materials of a packaging material adjacent to Eco Mark, etc., a weight percentage of recycled plastic in a plastic film may be stated. The statement of the environment information indication in this case shall be “Container: Recycled plastic ○% in XX” or an expression equivalent thereto. For XX, a polymer type or member, etc. shall be stated so that a member in which recycled plastic is used can be seen.

(3) Indication of Eco Mark certification number and license holder name (It is also acceptable to select and indicate either one of them.)

[examples of basic indications]



エコマーク
容器:再生プラスチック〇%
12345678

*when selecting Eco Mark certification number in (3) above.

[For laminated packaging materials]

An example of a combination of material indications based on Act on the Promotion of Sorted Garbage Collection and Recycling of Containers and Packaging

(A weight percentage of recycled plastic of container and packaging shall be stated in 〇%.)



エコマーク
容器:再生プラスチック〇%



PET, PE

〇〇〇株式会社

*when selecting Eco Marc contactor in (3) above (may not to be adjacent to Eco Mark if being displayed on the same package).

(A weight percentage of recycled plastic of a plastic film (PET) shall be stated in 〇%)



エコマーク認定容器
PET フィルムに再生プラスチック〇%



PET, PE

〇〇〇株式会社

*when selecting Eco Marc contactor in (3) above (may not to be adjacent to Eco Mark if being displayed on the same package).

An example of a combination of a laminated packaging material and material

indication

(A weight percentage of recycled plastic of container and packaging shall be stated in ○%.)



エコマーク
容器:再生プラスチック○%
12345678

包装材料の材質
袋:PET, PP

*when selecting Eco Mark certification number in (3) above.

(A weight percentage of recycled plastic of a plastic film (PET) shall be stated in ○%.)



エコマーク認定容器
PET フィルムに再生プラスチック○%
12345678

包装材料の材質
袋:PET, PP

*when selecting Eco Mark certification number in (3) above.

An example of a combination of container and packaging which is composed of an outer bag and an inner bag of a laminated packaging material, with a material indication

(A weight percentage of recycled plastic of an inner packaging shall be stated in ○%.)



エコマーク
内袋に再生プラスチック○%
12345678

包装材料の材質
内袋:PET, ONY, PP, アルミ箔
外袋:PET, PP, アルミ箔

*when selecting Eco Mark certification number in (3) above.

(A weight percentage of recycled plastic of an inner package (plastic film) shall be stated in ○%.)



エコマーク
内袋(PET)に再生プラスチック○%
12345678

包装材料の材質 内袋: PET, ONY, PP, アルミ箔 外袋: PET, PP, アルミ箔
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*when selecting Eco Mark certification number in (3) above.

[example of B type indication]



エコマーク認定容器

〇〇〇株式会社

*when selecting Eco Marc contactor in (3) above (may not to be adjacent to Eco Mark if being displayed on the same package).

- (3) Only in the case of certification products under No.118 “Plastic Products Version 2”, it shall be accepted to indicate the environmental information and certification number as before, even in the environment indication below the mark of this product category.

October 1, 2013	Addition of Category C, D and E (Version 1.7)
June 1, 2015	Revised (Category A-D) (Version1.8)
June 1, 2016	Addition of Category G and H (Version 1.9)
September 16, 2016	Addition of Category F (Version1.10)
February 1, 2017	Revised (Category D 4-1-1(1) and 5, Category E 5, and Category H 3: Version.11)
June 30,2022	Expiration

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