

Eco Mark Product Category No. 153

“Items for Babies and Infants Version1.0” Certification Criteria

- Applicable Scope-

A. Baby strollers, baby racks, car seats

Established: May 8, 2013
Expiration date: May 31, 2025

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.

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1. Purpose of Establishing Criteria

Omitted.

2. Applicable Scope

Baby strollers, baby racks, car seats

3. Terminology

Omitted

4. Certification Criteria and Certification Procedure

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 Procedure**4-1-1 Resource Saving and Resource Recycling**

(1) A product shall be taken over, reused/material recycled after use. Based on the Wide Area Certification System (Special exception system related to regional management of wastes based on the Waste Disposal and Public Cleaning Law, Article 9-9, and Article 15-4-3. The system is hereinafter referred to as the “Wide Area Certification System”), the applicant shall prepare the mechanism whereby the applicant takes up for free, reuses, material-recycles a product that has become a disused article after use, and recover, as resources, any part of the product that cannot be reused/material-recycled. Note that a part that cannot be recovered as resources shall be disposed of properly after its volume is reduced, and shall not be simply reclaimed.

[Certification Procedure]

As a description that the mechanism of taking up/reusing/material recycling, or

resource recovery system has been prepared (a collection system, processing capacity, content of processing, etc.), the applicant shall submit system instructions showing a flow after collection from a user and a copy of certification document of the Wide Area Certification System. The applicant shall also submit a certificate showing actual performance of the reuse/material-recycling rate/resource recovery rate of products (or equivalent products) collected for about the most recent year. Note that if actual performance data is not yet available at the time of application, the applicant shall make a submission based on planned values, and submit the certificate again when the applicant has compiled the actual performance data.

(2) In order to recycle a product after use, in the product design phase, it shall comply with requirements of the following a, b, and c:

- a. The applicant shall have a procedure manual, etc. related to disassembly work, and shall have carried out trial disassembly.
- b. Plastic parts shall be marked according to ISO11469 (corresponding to JIS K6999) and in consideration of ISO1043/Parts 1 to 4. (corresponding to JIS K6899 1-4). However, this shall not apply to any component for which it is technically difficult to put an indication, such as a component weighing less than 25 g, a component a flat part of which has area of less than 200 mm², a transparent component, or flexible polyurethane foam, etc. Note that an indication method may be a labeling method complying with the laws and regulations such as Household Goods Quality Labeling Act., etc.
- c. The recyclable rate shall conform to the following numeric values per item:

| | | |
|---------------|---|---------------|
| Baby stroller | : | 70% or higher |
| Baby rack | : | 80% or higher |
| Car seat | : | 80% or higher |

[Certification Procedure]

Compliance with this item shall be indicated in the Attached Certificate. In addition, the applicant shall submit data showing content of disassembly work, a marking part list (which may be a drawing of material indication, etc.) of plastics, and an explanatory document on the recyclable rates.

(3) Systems for repair contract to ensure a long-term use shall be prepared.

[Certification Procedure]

Compliance with this item shall be indicated in the Attached Certificate.

4-1-2 Restriction and control of Hazardous Substances

(4) In a plastic part with which babies or infants may be in touch, no halogen compound shall be used as a formulation component of polymer. In addition, baby strollers and baby racks shall conform to the provisions of No. 4 Toys in the Ministry of Health and Welfare, Public Notice No. 370, based on the Food Hygiene Law. Car seats shall meet the requirements for harmful substances defined in ISO 8124-3 (corresponding to 88/378/EEC EN71-3).

[Certification Procedure]

The attached certificate shall state whether or not a halogen compound has been used. In addition, test results based on the laws and regulations shall be submitted. Note that if there is more than one test result, etc., the applicant shall submit a list table showing a correspondence relationship between the test result and each component.

(5) A fiber component with which babies and infants are in touch shall conform to the formaldehyde content standard based on the Act for Control of Household Products Containing Harmful Substances. For dyestuff to be used, azo dyestuff that may decompose to generate a carcinogenic amine shall not be used. In addition, softening/hygiene/product bleaching process shall be kept to the minimum necessary, and there shall be no fluorescent whitening/moldproofing/antibacterial finishing.

[Certification Procedure]

A test result on formaldehyde based on the laws and regulations shall be submitted. Note that if there is more than one test result, the applicant shall submit a list table showing a correspondence relationship between the test result and each component. In addition, a certificate indicating that no dyestuff that may generate specific aromatic amine listed in Appendix 1 is used and a certificate related to content of processing shall be submitted.

(6) The product shall have no flame retardant of PBB (Polybrominated biphenyl), PBDE (Polybrominated diphenylether), short-chain chlorinated paraffin (the number of chained C is 10 to 13 and contained chloride concentration is 50% or over) or HBCD (Hexabromocyclododecane) added as prescriptive constituents.

[Certification Procedure]

In case of using flame retardant, a certificate to prove no PBB, PBDE,

short-chain chlorinated paraffin or HBCD is added as prescriptive component shall be submitted

(7) In manufacturing the applied 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 substances 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 past five years from the date of application (whether there is any violation) must be reported. If there is any violation, proper remedies and preventive measures shall 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 business of manufacturing the applied product or the relevant plant manager (entry or attachment of a list of names of the Environmental Laws, etc.) must be submitted.

In addition, the applicants shall report whether there is any violation in the past 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 (clearly indicating a series of communication);
- b. Following materials (copies of recording documents, etc.) 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 roles, etc.);
 - 3) Bylaws 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).

4-1-3 Information provision for users

(8) Information for users related to the following a to d shall be provided in an instruction manual, etc.:

- a. A method of collection (free-of-charge pickup method or a contact address, etc.
Note that the applicant shall make efforts to promote collection of products, by indicating information on collection (contact address, etc.) on a product main body, etc.), content related to recycling (collected products shall be subjected to material recycling, and actual performance of the material-recycling rate, or resource recovery rate, etc.)
- b. Content on repairs
- c. Content leading to long-term use, such as a method of maintenance
- d. Content on safety such as a method of correctly handling products, cautions, etc.

[Certification Procedure]

A copy of a corresponding part of an instruction manual stating information for users shall be submitted. Note that if actual performance data cannot be yet published when the applicant applies for recycling, publicized scheduled period and a method for publication shall be submitted.

4-2. Quality Criteria and Certification Procedure

(9) Baby strollers and baby racks shall have received an SG mark certification of the Consumer Product Safety Association. Car seats shall conform to the ECE Regulation No. 44 in Europe. In addition, a product that has an electrically-operated part shall conform to the Electrical Appliance and Material Safety Act.

[Certification Procedure]

For baby strollers and baby racks, a document to prove an SG mark certification shall be submitted. For car seats and products that have an electrically-operated part, a document to show a compliance with the corresponding standard shall be submitted.

5. Considerations

In the process of manufacturing products, it is desirable to consider the following items, although they are not requirements for certification. Compliance with each item shall be indicated in the Attached Certificate

(1) In consideration of resource saving, the product shall have the main body whose mass conforms to Table 1.

Table 1. Criteria of Main Body Weight of Product

| Items | Type | Weight [kg] |
|----------------|----------------------------|-------------|
| Baby strollers | Type A/multi type | ≤ 9.0 |
| | Type B | ≤ 3.5 |
| Baby racks | With no electric component | ≤ 10.5 |
| | With an electric component | ≤ 12.0 |
| Car seats | For babies to Infants | ≤ 15.5 |
| | For infants to pupils | ≤ 6.5 |
| | For pupils | ≤ 4.5 |

(2) The product shall consider resource saving/resource circulation, and be using recycled materials.

(3) In consideration of resource saving/resource circulation packing materials (packing and packaging) shall conform to the following items:

- a. Paper materials shall have the waste paper mixing rate of 70% or higher.
- b. Plastic materials shall have the mass ratio of reprocessed plastic of 50% or higher.

(4) Printouts such as an instruction manual to be provided by the applicant shall use environment-friendly materials such as Eco Mark certified papers, Eco Mark certified ink, etc.

6. Product Classification, Indication and Others

Omitted.

May 8, 2013

Established (Version1.0)

January 7, 2019

Extension of Expiration date

May 31, 2020

Expiration date

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

Appendix 1 specific aromatic amine

| | | CAS No |
|----|---------------------------------------------|----------|
| 1 | 4-amino diphenyl | 92-67-1 |
| 2 | Benzidine | 92-87-5 |
| 3 | 4-chloro- <i>o</i> -toluidine | 95-69-2 |
| 4 | 2-naphthyl amine | 91-59-8 |
| 5 | σ amino azo toluene | 97-56-3 |
| 6 | 2-amino-4-nitrotoluene | 99-55-8 |
| 7 | <i>p</i> -chloroaniline | 106-47-8 |
| 8 | 2,4-diamino anisole | 615-05-4 |
| 9 | 4,4'-diamino diphenyl methane | 101-77-9 |
| 10 | 3,3'-dichloro benzidine | 91-94-1 |
| 11 | 3,3'-dimethoxy benzidine | 119-90-4 |
| 12 | 3,3'-dimethyl benzidine | 119-93-7 |
| 13 | 3,3'-dimethyl-4,4'-diamino diphenyl methane | 838-88-0 |
| 14 | <i>p</i> -cresidine | 120-71-8 |
| 15 | 4,4'-methylene-bis-(2-chloroaniline) | 101-14-4 |
| 16 | 4,4'-oxydianiline | 101-80-4 |
| 17 | 4,4'-thiodianiline | 139-65-1 |
| 18 | σ toluidine | 95-53-4 |
| 19 | 2,4-tolulene diamine | 95-80-7 |
| 20 | 2,4,5-trimethylaniline | 137-17-7 |
| 21 | σ anisidine | 90-04-0 |
| 22 | 4-aminoazobenzene | 60-09-3 |
| 23 | 2,4-Xylidine | 95-68-1 |
| 24 | 2,6-Xylidine | 87-62-7 |