

Eco Mark Product Category No. 153

“Items for Babies and Infants Version1.2”

Certification Criteria

- Applicable Scope-

A. Baby strollers, baby racks, car seats

Established: May 8, 2013

Last revised: January 1, 2025

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) Plastic part with which babies or infants may be in touch shall not use plastics containing halogens in the polymer backbone. 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]

Whether or not plastics containing halogens in the polymer backbone shall be indicated/stated in the Attached Certificates. 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

(1) Products shall be classified by product number. Products, under the same brand name and product specification (in the case of different colors, etc.), shall be applied under the same product classification.

(2) In principle, Eco Mark shown as below shall be indicated on the product. The licensees of Eco Mark Utilization Contract who own Eco Mark products shall also be allowed to use the indication of the logo and certification number as before.



(Note for the indication)

*For indicating the logo, Eco Mark certification number (eight-digit number) or the name of the licensee using the logo shall be appeared.

* Such expression as “Eco Mark product” can be used following the 2.(2) of the Guide to Eco Mark Usage.

“Eco Mark product”, “#Eco Mark”, “www.ecomark.jp”, “Eco Mark Certificate”

* In accordance with “Environmental Labeling Guidelines” of the Ministry of the Environment of Japan, etc., the environmental claims of certified products may be indicated in association with Eco Mark.

(<https://www.env.go.jp/policy/hozen/green/ecolabel/guideline/>)

* The Guide to Eco Mark Usage shall be followed for any cases not listed above.
(<https://www.ecomark.jp/office/guideline/guide/>)

May 8, 2013	Established (Version1.0)
January 7, 2019	Extension of Expiration date
April 1, 2019	Revised (Eco Mark Indication)
December 15, 2022	Revised (4-1-2(4), Version1.1)
March 15, 2024	Extension of Expiration date

January 1, 2025

Revised (4-1-2(5) Appendix 1, Version1.2)

May 31, 2020

Expiration date

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

Appendix 1 List of prohibited dyes and pigments

1) Azo Dyes which may generate the following carcinogenic amines in degradation
 (Dyes whose detection value of the following aromatic amine exceed 30mg/kg according to JIS L 1940-1 and JIS L 1940-3 (ISO24362-1, ISO24362-3, or EN 14362-1, EN14362-2))

Name		CAS RN
1	4-Aminobiphenyl	92-67-1
2	Benzidine	92-87-5
3	4-Chloro-o-toluidine	95-69-2
4	2-Naphthylamine	91-59-8
5	o-Aminoazotoluene	97-56-3
6	2-Amino-4-nitrotoluene	99-55-8
7	4-Chloroaniline	106-47-8
8	2,4-Diaminoanisole	615-05-4
9	4,4'-Diaminodiphenylmethane	101-77-9
10	3,3-Dichlorbenzidine	91-94-1
11	o-Dianisidine; 3,3'-Dimethoxybenzidine	119-90-4
12	o-Tolidine; 3,3'-Dimethylbenzidine	119-93-7
13	4,4'-Diamino-3,3'-dimethyldiphenylmethane	838-88-0
14	p-Cresidine	120-71-8
15	4,4'-Diamino-3,3'-dichlorodiphenylmethane	101-14-4
16	4,4'-Diaminodiphenyl ether	101-80-4
17	4,4'-Diaminodiphenyl sulfide	139-65-1
18	o-Toluidine	95-53-4
19	2,4-Diaminotoluene	95-80-7
20	2,4,5-Trimethylaniline	137-17-7
21	o-Anisidine	90-04-0
22	4-Aminoazobenzene	60-09-3
23	2,4-Xylidine	95-68-1
24	2,6-Xylidine	87-62-7

2) Carcinogenic Dyes

CAS RN	C.I.	
569-61-9	C.I. BASIC RED 9	CI 42500
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500
3761-53-3	C.I. ACID RED 26	CI 16150
2602-46-2	C.I. DIRECT BLUE 6	CI 22610
1937-37-7	C.I. DIRECT BLACK 38	CI 30235

573-58-0	C.I. DIRECT RED 28	CI 22120
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855
632-99-5	C.I. BASIC VIOLET14	
82-28-0	C.I. DISPERSE ORANGE11	

3) Skin Sensitizing Dyes

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505
12222-75-2	C.I. DISPERSE BLUE 35	
12223-01-7	C.I. DISPERSE BLUE 106	
61951-51-7	C.I. DISPERSE BLUE 124	
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855
730-40-5	C.I. DISPERSE ORANGE 3	CI 11005
51811-42-8	C.I. DISPERSE ORANGE 37	
2872-52-8	C.I. DISPERSE RED 1	CI 11110
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500
3179-90-6	C.I. DISPERSE BLUE 7	CI 62500
3860-63-7	C.I. DISPERSE BLUE 26	CI 63305
12222-97-8	C.I. DISPERSE BLUE 102	
2581-69-3	C.I. DISPERSE ORANGE 1	CI 11080
12223-33-5	C.I. DISPERSE ORANGE 76	
2872-48-2	C.I. DISPERSE RED 11	CI 62015
3179-89-3	C.I. DISPERSE RED 17	CI 11210
119-15-3	C.I. DISPERSE YELLOW 1	CI 10345
6373-73-5	C.I. DISPERSE YELLOW 9	CI 10375
12236-29-2	C.I. DISPERSE YELLOW 39	
54824-37-2	C.I. DISPERSE YELLOW 49	
23355-64-8	C.I. DISPERSE BROWN1	

Source: International Agency for Research on Cancer (IARC)
US National Toxicology Program (NTP)
EU Directive 76/769/EC
EU Directive 2002/61/EC
Ecological and Toxicological Association of the Dyes and Organic
Pigments Manufacturers (ETAD)
Oeko-Tex STANDARD 100