

Eco Mark Product Category No.101

**“Bags/Suitcases Version1.4”
Certification Criteria
Category B “Fabric Shopping and Tote Bags”**

Japan Environment Association
Eco Mark Office

1. Purpose of Establishing Criteria

Omitted.

2. Applicable Scope

Shopping bags or tote bags having 50% or more of their outer surface area (excluding the part covered by any flap and before attaching any handle or other accessories) made of cloth or fabric.

3. Terminology

Omitted.

4.Certification Criteria and Certification Procedure

To show conformance to the individual criteria item, the respective Attached Certificates shall be submitted.

In the event re-examination under the present Certification Criteria is sought for a product that is already certified in the Product Category No. 104 “Household Textile Products Version 2”, 4-1.(1) to (4), (6), (7) and 4-2.(8) of the criteria may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no alterations have been made to the product already certified.

4-1. Environmental Criteria and Certification Procedure

To show conformance to the individual criteria item, the respective Attached Certificates shall be submitted.

In the event re-examination under this Certification Criteria is sought for a product that is already certified in the Product Category No. 104 “Household Textile Products Version 2”, the certifications 4-1.(1) to (4),(6),(7) and 4-2. (8) may be substituted by filling in necessary items on the Attached Certificate form and declaring further therein that no

alterations have been made to the product already certified

(1) The product shall conform to one of the following requirements (a), (b), (c) or (d):

- a. The weight of unused fiber or recycled fiber in proportion to the total weight of the product (weight of fabric part and excluding button, fastener, hook, sewing thread and other small attachments) shall conform to the standard mixing ratio specified in Table 1. Alternatively, the weight of unused fiber or recycled fiber in proportion to the total weight of the outer cloth shall conform to the standard mixing ratio specified in Table 1. Small attachments the use recycled materials may be included for the purpose of determining the mixing ratio as a portion of the total weight of the product and of the weight of recycled fiber.

Table 1 Standard mixing ratio against total product weight (outer cloth) by fiber type

Fiber type	Standard mixing ratio	
Unused fiber	10% min.	70% minimum with respect to product using cupra fiber
Recycled fiber	Recovered wool	10% min
	Polymer recycled fiber	50% min [60% min] Recycled PET, recycled PE, recycled PP, etc. 50% minimum as resin weight [60% min]
	Chemical recycled fiber	50% min [60% min] Recycled monomer 50% minimum as monomer weight [60% min]
<p>For products in which polymer recycled fiber and chemical recycled fiber are compounded, mixing ratio calculated by the following formula shall meet the standard mixing ratio of 50% [60%]:</p> $(A \times B + C \times D)/100$ <p>Where: A=ratio of chemical recycled fiber material in total product (%) B=ratio of recycled monomer in chemical recycled fiber material (%) C=ratio of polymer recycled fiber material in total product (%) D=ratio of recycled resin in polymer recycled fiber material (%)</p>		

	Others Fiber directly spun from thrum, cutting waste, used clothes, etc. without rag opening process	50% min	
Waste plant fiber		10% min.	

* Standard mixing ratio in parenthesis [] apply to outer cloth.

- b. The fabric portion of the product shall be 100% cotton (excluding buttons, fastener, hook, sewing thread and other small attachments). Furthermore, the cotton shall be unbleached, hydrogen peroxide bleached or ozone bleached cotton and no fluorescent brighter shall be used. Ozone bleaching shall minimize use of medicinal substances and shall not overuse them.
- c. The fabric portion of the product shall be 100% cotton or other natural fiber (excluding buttons, faster, hook, sewing thread and other small attachments). Furthermore, the natural fiber shall have been grown organically.
- d. Products shall be collected and recycled after use. The applicant shall have established the mechanism for collecting and recycling products that become scrap after being used. The applicant shall recover energy from any part of a product that cannot be recycled, in a manner in harmony with the environment. The applicant shall also indicate on a main body of a product that they will collect and recycle the product after use, and an address when a user contacts to request collection. If the information on product collection/recycling can be easily publicized because sale destinations are identified, presentation of the information in catalogues or on home page will replace the requirement.

[Certification Procedure]

For the options a, b and c, a raw material certificate (name of raw material, name of raw material supplier, etc.) issued by the spinning company as well as a certificate stating the weight percentages of every fiber material to total product (or outer cloth) shall be submitted. As far as ozone bleaching is concerned, used amount of medicinal

substances shall also be reported. Provided however, proof of conformance may be substituted by stating the “brand name” of the cloth and the like and the “certification number” in the Attached Certificate in the event the cloth and the like have been Eco Mark certified.

For the option d, as a justification that the system for collection, recycling or energy collection in harmony with the environment, which are provided on the Exhibit, has been established (collection system, treatment capacity, description of treatment, product design that makes recycling easy, etc.), a copy of certification document issued by Cross-Jurisdictional Waste Treatment Manufacturer Scheme shall be submitted. In addition, an indication for publicizing collection shall be submitted (indication of environment information in the lower part of the eco mark, name of contractor who uses the eco mark, indication of an authorization number, etc.)

- (2) Various treatments of the product (antifungal, fluorescent brightening, softening, hygienic, product bleaching) shall have been kept to the necessary minimum, and full attention shall have been paid to prevent excessive treatment. Use of treatment agents that are suspected of causing concern to human health shall be refrained voluntarily. With respect to wool products, however, conformance to the Ministerial Order No. 34 of the Ministry of Health and Welfare in terms of treatment with dieldrin/DTTB is required in addition to the aforesaid considerations to treatments.

[Certification Procedure]

*Certifiers = Applicant and manufacturer

Treatment or not of the product shall be stated in the Attached Certificate. If affirmative, the kinds and amounts of treatment agents shall be described in accordance with the Attached Certificate. With respect to wool products, treatment with dieldrin/DTTB or not shall be stated, and if affirmative, conformance to the Ministerial Order No.34 of the Ministry of Health and Welfare shall be described.

- (3) Every applied product shall conform to the standard values of formaldehyde content shown in Table 1.

Table 1 Standards for formaldehyde content

Substance	Applied product			Test method
	Infant (less than 24 months old)	Adult (skin contact* 1)	Adult (others)	
Formaldehyde	Not detected	75mg/kg max	300mg/kg max	Ministerial Order No.34 of the Ministry of Health and Welfare ISO/TS 17226 DIN 17226

* 1...Products that are likely to come in direct contact with skin

[Certification Procedure]

Test results by an independent organization or an own company shall be submitted with respect to formaldehyde content in the product. .

- (4) Regarding color materials used in the product, none of the dyestuffs listed in Attached Table 1 shall have been added as prescribed constituents. For fibers other than wool, none of chromium dyestuffs shall have been added as prescribed constituents.

[Certification Procedure]

*Certifier= manufacturer

The applicant shall submit a certificate issued by the General Manager of the dyeing plant.

- (5) 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).

- (6) The plastic materials (including resins as fibers in this item) used in the product shall not contain halogens to the polymer backbone as prescribed constituents.

[Certification Procedure]

Addition or not of halogens to the polymer backbone of any plastic materials used in the product shall be mentioned in the Attached Certificate.

- (7) The plastic materials used in the packaging of the product shall not

contain halogens to the polymer backbone as prescribed constituents. The packaging of the product refers to one sales unit toward a final consumer.

[Certification Procedure]

Addition or not of halogens to the polymer backbone of any plastic materials used in the packaging of the product shall be mentioned in the Attached Certificate.

4-2. Quality Criteria and Certification Procedure

- (8) The product quality shall conform to the applicable voluntary standards and the like of the industry.

[Certification Procedure]

A certificate showing conformance with the applicable quality standards shall be submitted. In addition, a certificate issued by the General Manager of the plant in which the product was produced shall be submitted, stating that full quality control was made in the production process and no violations have been committed.

5. Product Classification, Indication and Others

Omitted.

August 27, 2007	Established(Version 1.0)
August 21, 2008	Revised 4-1(8) (Version1.1)
April 28, 2009	Revised (Version1.2)
April 20, 2010	Revised (Version1.3)
March 1, 2011	Revised (Version1.4)
August 31, 2017	Validity Period

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

Attached Table 1

List of Dyes Prohibited to Use (Fabric)

(1) Azo Dyes which may Generate the Following Carcinogenic Amines in Degradation

(Products detected with over 30 mg/product kg of more than one of the following amines using analysis methods prescribed in the List of Public Test Methods based on Article 35 of the German Food and Sundries Law)

Carcinogenicity Rank (A1)		
92-67-1	4-aminobiphenyl	C1 (EU), 1(NTP, IARC)
92-87-5	Benzedrine	C1 (EU), 1(NTP, IARC)
95-69-2	4-chloro-o-toluidine	2A(NTP, IARC)
91-59-8	2-naphthylamine	C1 (EU), 1(NTP, IARC)
Carcinogenicity Rank (A2)		
97-56-3	o-aminoazotoluene	C2 (EU), 2B(NTP, IARC)
99-55-8	2-amino-4-nitrotoluene	3(NTP, IARC)
106-47-8	4-chloroaniline	C2 (EU), 2B(NTP, IARC)
615-05-4	2,4-diaminoanisole	2B(NTP, IARC)
101-77-9	4,4'-diaminodiphenylmethane	C2 (EU), 2B(NTP, IARC)
91-94-1	3,3'-dichlorbenzidine	C2 (EU), 2B(NTP, IARC)
119-90-4	o-dianisidine; 3,3'-Dimethoxybenzidine	C2 (EU), 2B(NTP, IARC)
119-93-7	o-tolidine; 3,3'-Dimethylbenzidine	C2 (EU), 2B(NTP, IARC)
838-88-0	4,4'-diamino-3,3'-dimethyldiphenylmethane	C2 (EU), 2B(NTP, IARC)
120-71-8	p-cresidine	2B(NTP, IARC)
101-14-4	4,4'-diamino-3,3'-dichlorodiphenylmethane	C2 (EU), 2A(NTP, IARC)
101-80-4	4,4'-diaminodiphenylether	2B(NTP, IARC)
139-65-1	4,4'-diaminodiphenylsulfide	2B(NTP, IARC)
95-53-4	o-toluidine	C2 (EU), 2B(NTP, IARC)
95-80-7	2,4-diaminotoluene	C2 (EU), 2B(NTP, IARC)
137-17-7	2,4,5-trimethylaniline	
90-04-0	o-anisidine	C2 (EU), 2B(NTP, IARC)
95-68-1	2,4-xylylidine	3(NTP, IARC)
87-62-7	2,6-xylylidine	2B(NTP, IARC)
60-09-3	4amino-azo-benzen	C2 (EU)

(2) Carcinogenic Dyes

569-61-9	C.I. BASIC RED 9	CI 42500	C2 (EU), 2B(NTP, IARC), Oeko-Tex
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500	C2 (EU), 2B(NTP, IARC), Oeko-Tex
3761-53-3	C.I. ACID RED 26	CI 16150	2B(NTP, IARC), Oeko-Tex
6459-94-5	C.I. ACID RED 114	CI 23635	2B(NTP, IARC)
2602-46-2	C.I. DIRECT BLUE 6		C2, R3 (EU), 2A(NTP, IARC), Oeko-Tex (CI 22610)
1937-37-7	C.I. DIRECT BLACK 38	CI 30235	C2, R3 (EU), 2A(NTP, IARC), Oeko-Tex
573-58-0	C.I. DIRECT RED 28	CI 22120	C2, R3 (EU), Oeko-Tex
2932-40-8	C.I. DISPERSE YELLOW 3	CI 11855	Oeko-Tex

(3) Skin Sensitizing Dyes

2475-46-9	C.I. DISPERSE BLUE 3	CI 61505	ETAD, Oeko-Tex
1222-75-2	C.I. DISPERSE BLUE 35		ETAD, Oeko-Tex
	C.I. DISPERSE BLUE 106		ETAD, Oeko-Tex
	C.I. DISPERSE BLUE 124		ETAD, Oeko-Tex
2832-40-8	C.I. DISPERSE YELLOW 3	CI 11855	ETAD, Oeko-Tex
730-40-5	C.I. DISPERSE ORANGE 3	CI 11005	ETAD, Oeko-Tex
	C.I. DISPERSE ORANGE 37		ETAD, Oeko-Tex
2872-52-8	C.I. DISPERSE RED 1	CI 11110	ETAD, Oeko-Tex
2475-45-8	C.I. DISPERSE BLUE 1	CI 64500	Oeko-Tex
3179-90-6	C.I. DISPERSE BLUE 7	CI 62500	Oeko-Tex
3860-63-7	C.I. DISPERSE BLUE 26	CI 63305	Oeko-Tex
	C.I. DISPERSE BLUE 102		Oeko-Tex
	C.I. DISPERSE ORANGE 1	CI 11080	Oeko-Tex
	C.I. DISPERSE ORANGE 76		Oeko-Tex
2872-48-2	C.I. DISPERSE RED 11	CI 62015	Oeko-Tex
	C.I. DISPERSE RED 17	CI 11210	Oeko-Tex
119-15-3	C.I. DISPERSE YELLOW 1	CI 10345	Oeko-Tex
	C.I. DISPERSE YELLOW 9	CI 10375	Oeko-Tex
	C.I. DISPERSE YELLOW 39		Oeko-Tex
	C.I. DISPERSE YELLOW 49		Oeko-Tex

Source: International Agency for Research on Cancer (IARC)
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

Attached Table 2

Omitted.

Appendix**Certificates on Recovery and Recycling**

For cases designated as the extensive authorization system for recycling and reuse of industrial wastes, requirements (3) to (6) must be met.

To commission industrial waste transportation and disposal, certificates (3) to (6) below are required.

(1) Name of recovery and recycling system

(2) Recovery and recycling categories

Material recycling/Chemical recycling

(3) Outline of recovery and recycling systems (Based on actual operation of recovery and recycling systems)

1) Finance

2) Recovery assurance

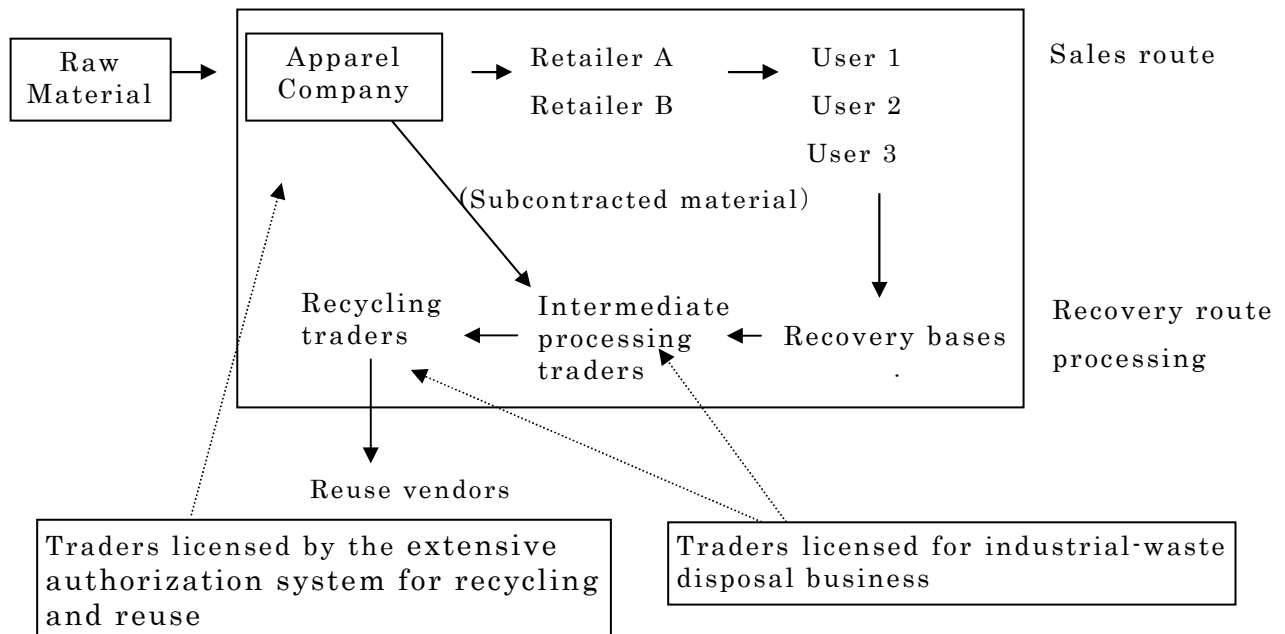
Example: Recovery agreement with user, sewing of cloth label to product, etc.

3) Present operation of recovery and recycling systems

Example: Products/materials applicable for recovery and recycling (Natural fiber 100%, synthetic fiber mixture rate, etc.), Applicable regions of recovery and recycling systems, Recovery rate (No. products recovered/No. products sold), Recycling rate (No. products recycled/No. products recovered), Recycling rate per product(Weight of parts recycled /product weight), recovery ability, recyclability (No. tons/year), Re-production purposes, etc.

4) Overview of recovery and recycling systems and relation with concerned entities

Example: Models of apparel subject to the extensive authorization system for recycling and reuse.



(4) Name of recycling vendors and waste disposal certification

Certificates indicating vendor name and waste disposal is allowed to concerned entities such as:

- 1) Waste disposal within own plant (Applicant)
- 2) Intermediate disposal vendor
- 3) Final disposal vendor

(5) Handing Over of Wastes to Recycling Vendors

Description should be given as to how products under application are discharged (industrial wastes, general wastes, valuable resources, etc.) and methods of handing over such products from waste disposer to recycling vendor should be explained.

(6) Submission of agreements

- 1) A copy of industrial waste disposal and collection and transportation contract
- 2) A copy of vendor contract (Contract between applicants and recovery and recycling system providers)