

EL553. Printed Matter
[EL553-1999/4/2004-58]



1. Scope

The criteria shall apply to the publication printed on paper and bound (hereinafter referred to as "prints"). However, prints that do not need a separate cover or bookbinding - such as newspapers - shall not be included.

2. Definitions

2.1

"Serial publication" refers to the publication successively issued to an unlimited extent by publishing parts under one single common title and marking serial or chronological number.

2.2

"International standard serial numbering (ISSN)" refers to the internationally standardized number to identify serial publication which is marked in accordance with ISO 3297 or KS X 6003[international standard serial numbering(ISSN)] and used for precise identification of certain serial publication and stock management of bookstores.

3. Certification Criteria

3.1 Environmental Criteria

3.1.1

With respect to the consumption of resources in the manufacturing process, the product shall satisfy the following requirements.

3.1.1.1

Only uncoated papers (heavy paper, white ledger), newspaper papers or art papers shall be used as internal paper of prints.

3.1.1.2

The average amount of paper that is used as internal paper shall satisfy the following requirements by paper type, and the rate of using old paper and paint-coating amount of art paper shall satisfy the environmental requirement on printing paper (EL101) of certification criteria by environmental mark product. However, postal cards and giro paper that are used as letter paper shall be excluded.

Type of Paper	Uncoated Paper (heavy paper, white ledger)	Newspaper paper	Art Paper
Average Amount [g/ m ²]	≤90	≤70	≤120

3.1.1.3

The size of prints shall be planned in advance in a form of minimizing odds and ends of paper generated in the manufacturing process.

3.1.2

With respect to the consumption of resources and release of solid waste materials at the use stage, it makes a rule to use packaging materials satisfying the environmental requirements on printing paper (EL101) or packaging material (EL606) of certification criteria by environmental mark product, regarding separate packaging for mailing prints. However, in case of using the following paper, the product shall be regarded to satisfy this requirement.

Basis Weight [g/ m ²]	≤ 90	> 90
Rate of Using Old Paper [weight%]	-	≥ 20

3.1.3

With respect to the recycling capability of prints at the disposal stage, the product shall satisfy the following requirements.

3.1.3.1

Synthetic resin film or sheet, synthetic fiber fabric·non-woven fabric, non water-soluble laminate film·coating shall not be used for the cover of prints. However, covers separately provided in order to bound serial publication with the aim of long-time preservation shall be excluded.

3.1.3.2

Metal printing such as gold-silver foil, foaming ink and UV ink shall not be used when printing.

3.1.3.3

In case that glue is used for bookbinding, hot-melt glue excluding improved EVA hot-melt glue, polyurethane hot-melt glue, water-soluble hot-melt glue which is not crumbled into small pieces, shall not be used.

3.1.3.4

With respect to the prints, white paper and colored paper using dyes shall not be used in parallel.

3.2 Quality Criteria

3.2.1

Basically, there shall be contents that do not deteriorate consumers' environmental awareness and morality in prints.

3.2.2

Publishing company of prints shall observe regulations and conventions related to prints such as 'laws on publishing company and printing house registration' and 'laws on periodical publication registration'.

3.2.3

ISSN shall be marked on the designated position of serial publication in accordance with the Article 18 of Library and Reading Promotion Act. However, ISSN may not be marked on products which are not for sale.

3.3 Information for Consumers

3.3.1

Indication on the items that the product contributes to the reasons for certification (green prints, easy recycling and available resource recycling) during its consumption stage

3.3.2

Ways of disposal (release) in order to make recycling easy if necessary

4. Test Methods

Certification Criteria		Test and Verification Methods
Environmental Criteria	3.1.1	Verification of submitted documents [However, in case that the test of average amount is needed, test report by an accredited testing laboratory in accordance with KS M 7013 (ways of measuring average amount of paper and cardboard)]
	3.1.2	Verification of submitted documents
	3.1.3	Verification of submitted documents [However, in case that the test of average amount is needed, test report by an accredited testing laboratory in accordance with KS M 7013 (ways of measuring average amount of paper and cardboard)]
Quality Criteria	3.2.1	Verification of submitted documents and deliberation of environmental mark certification inquiry commission on the content of publication.
	3.2.2~3.2.3	Verification of submitted documents
Consumer Information		Verification of submitted documents

4.1 General Matters

4.1.1

One test sample published most recently with the date of applying certification as its starting point shall be collected at random by a certification institute.

4.1.2

Test result shall be numerically set according to KS Q 5002 (Statistical interpretation method of the data – Part 1: Statistical description of the data).

5. Reasons for Certification

“Green printed matter, readily recyclable, use of recycled materials (confined to the relevant product)”

Common Criteria, Notice No. 2012-36, the Ministry of Environment

1. Eco-label products must follow the following provisions with regard to the proper treatment of environmental pollution substances, such as air and water wastes and noxious chemical substances emitted in the process of manufacturing or service operation.

A. When first applying for certification, the product manufacturer should observe the environment related laws and agreements pertaining to the region where the production factory or the place of service operation is located for a period of one year prior to the date of application. Any case of violation of the penalty clause will be verified by confirming documents involved during a period of one year to the date of application. Regarding any violation not related to the penalty clause, confirmation will be made on the completion of appropriate measures.

B. A person who has received a certification of eco-labeling shall observe the environment related laws and agreements pertaining to the region where the production factory or the place of service operation is located during the period of certification. However, regarding any violation besides a penalty, confirmation will be made on the completion of appropriate measures.

2. As a general rule, information for consumers shall be indicated on the surface of the product in such a way not to be easily erased. However, in case that indication on the surface of the product is impossible or undesirable, it can be indicated on the appropriate part such as product packaging, product guidebook and user's manual that consumers can recognize. However, the service information should be indicated inside and outside of the place of service operation. In case that indication inside and outside of the place of service operation is impossible or undesirable, it can be indicated on the appropriate part such as an agreement, letter of delivery, letter of guarantee, and PR materials that consumers can recognize.

3. In order to establish fair trade and to protect consumer, the applicant for eco-label and the holder of eco-label license shall observe the Act on the Fairness of

Indication and Advertisement with respect to the environmental aspects of the product.

4. For Various standards referred in the certification criteria by target product, the latest revised edition applies at the date of application, if not specified otherwise.

5. In applying the quality related criteria for each target product, if no standard is available that can be applied as the quality criteria, the president of Korea Environmental Industry & Technology Institute (KEITI) (hereafter referred to as "president of KEITI") may establish and operate the quality criteria for the product involved after review by a competent committee.