

## The Eco-labelling Program

# KOREA'S COMPLIANCE WITH INTERNATIONAL STANDARDS

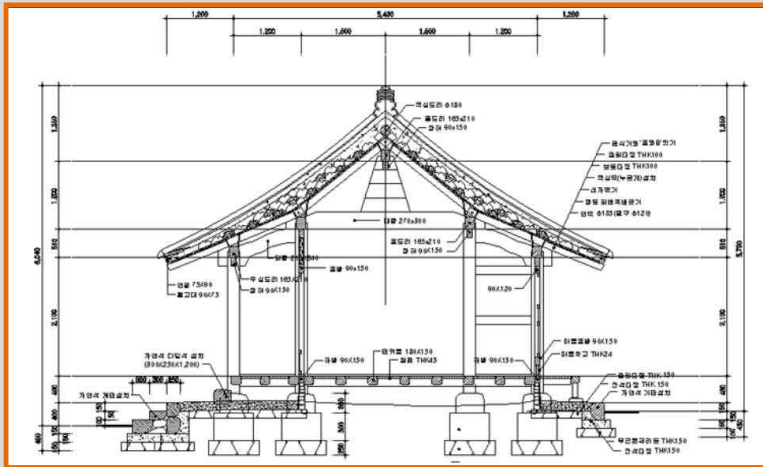


May 3<sup>rd</sup>, 2012

Environmental Certification Department  
Environmental Standard Management Office

# Introduction

| Type | environmental labelling



A blueprint



A traditional Korean-style house

**ISO 14020**  
Environmental labels and declarations- General principles

**ISO 14024**  
- Type | environmental labelling  
- Principles and procedures



The Korean Eco-labelling System

# Contents

## ISO 14024

1. Voluntary nature

2. Consistency with ISO 14020 requirement

3. Compliance with environmental/other relevant legislation

4. Consideration of whole product life cycle in setting criteria

5. Criteria established to distinguish environmentally preferable products based on measurable difference in environmental impact

6. Product environmental criteria set at attainable levels, and give consideration to relative environmental impacts, measurement capability and accuracy

7. Product environmental criteria set for and reviewed within a predefined period

8. all elements in the eco-labeling criteria are verifiable

9. Open and accountable process

10. Criteria must be credible and verifiable

11. Participation costs and fees kept low

12. Transparency

13. Accessibility

14. Avoiding unnecessary trade barriers

15. Confidentiality

16. Mutual recognition, based on confidence

- Transparency
- International Trade Aspects
- Accessibility
- Avoidance of Conflict of Interest
- Confidentiality

# Transparency(1)

## ISO 14024 5.11 Transparency

A Type I environmental labelling programme should be able to demonstrate transparency through all stages of its development and operation. Transparency implies that information shall be available to interested parties for inspection and comment where appropriate.

- All of the required templates and criteria can be found at <http://el.keiti.re.kr/eng/index.do>
- Applicants can check their own application status at <http://elms.keiti.re.kr/>
- Upon receipt of certification application, KEITI assigns auditors and announces on-site audit schedule.

# Transparency(2)

## ◆ Website for the Korean Eco-labelling Program

- There are every related forms that people can download.

The screenshot shows the KEITI (Korea Environmental & Energy Management Institute) website. The main content area is titled '한국산업기술원 정보 마당' (KEITI Information Market). A red dashed box highlights the text 'Forms related to the Eco-labelling certification'. Below this, there is a table of forms available for download.

번호	제목	작성자	등록일
18	[신규 동일제품제조원 신청시]환경표지 인증신청서	관리자	2011-08-29
17	[갱신 동일제품제조원 신청시]환경표지 인증신청서	관리자	2011-08-29
16	[신규 신청시]환경표지(마크) 인증신청서	관리자	2011-08-29
15	[파생 신청시]환경표지(마크) 파생제품 등록신청서	관리자	2011-08-29
14	[인증내역 변경시]환경표지(마크) 인증내역 변경신청서	관리자	2011-08-29
13	[갱신 신청시]환경표지(마크) 갱신(재약정) 신청서	관리자	2011-08-29
12	환경표지 인증기준 개정요청서 양식	관리자	2011-03-09
11	환경표지대상제품 선정제안서 양식	관리자	2011-03-09
10	2011년 환경표지 인증제품 사후관리 조사 업체 작성 ...	관리자	2011-02-10
9	2011년 환경표지 인증제품 사후관리 조사 대상 일람	관리자	2011-02-10

# Transparency(3)

## ◆ Online Certification Application System

- Applicants can check their certification status through this system.

**Certification Processes**

- Application
- Application confirm
- Notice of application fee
- Remittance of application fee
- Document review
- Site-audit
- Brought up for deliberation
- Result of the deliberation committee
- Notice of the eco-label usage fee
- Remittance of the eco-label usage fee

번호	등록일자	접수구분 (진행상태)	대상제품	상표명(브랜드)명
16	2012-01-09	신규 신규서등록	EL801	브랜드호텔서비스
15	2012-01-06	신규 인당중	EL801	afhkidfeki
14	2012-01-06	신규 서류검토	EL801	호텔서비스2012
13	2012-01-05	신규 서류검토	EL801	23
12	2011-12-28	변경 서류검토	EL801	1
11	2011-12-27	신규 수주완료지	EL801	2
10	2011-12-23	신규 인당중	EL801	1
9	2011-12-19	신규 현장검사	EL801	23

# Transparency(4)

## ◆ Related Parts from < Customer Service Implementation >

### **< Eco-label Certification and Follow-up Surveillance >**

**Checking whether the Eco-label certification product conforms to certification criteria or not, if necessary, KEITI will implement the relevant businesses in a reliable way through testing/assessment procedures. KEITI will always listen to the opinions of stakeholders, and if desired, will offer stakeholders an opportunity to further explain their position after participating in the Deliberation Committee meeting.**

**There is a case in which Eco-labels are used without permission, KEITI will let an appropriate person/company immediately explain the reason, and will take prompt actions to prevent customers who have acquired Eco-label certification from being damaged.**

# Transparency(5)

## ◆ Related Parts from < Customer Service Implementation >

### <The Development and Revision of the Eco-label Certification Criteria>

- In consultation on the establishment/revision of certification criteria, KEITI will strive to secure the transparency and clarity of certification criteria through a sufficient understanding on and replies to related matters.



# International Trade Aspects(1)

## ISO 14024 5.12 International trade aspects

Procedures and requirements for environmental labelling programmes shall not be prepared, adopted or applied with a view to, or with the effect of creating unnecessary obstacles to international trade.

- Korean Eco-Label program is open to international applicants
- The Korean Eco-Label program is developed considering international standards and criteria
- All of the English information can be found at the <http://el.keiti.re.kr/eng/index.do>
- Korean Eco-Label and licenses are provided in English for overseas applications

# International Trade Aspects(2)

## ◆ <The Eco-label Website in English Ver.>

The screenshot shows the KEITI Eco-Label website. The main content area is titled "Trustworthy Certification criteria" and includes a sub-section "Certification criteria" with a table of product groups and their certification criteria. The table is as follows:

Product groups	Download certification criteria	Establishment year	Last revision date
~common criteria	Download		
EL101. Printing paper	Download		
EL102. Office Paper	Download		
EL103. Adhesive Paper Tapes and Adhesive Paper Sheets	Download		
EL104. Toner Cartridges	Download		
EL105. Writing Instruments	Download		
EL106. Paper Products for Office Use	Download		

### EL101. Printing paper [EL101-1992/9/2011-10]



## Criterion for Printing Paper in English

### 1. Scope

The criteria shall apply to newsprint paper, uncoated paper including wood free paper and medium quality paper and stencil papers or cutting papers of art paper. However, excluded shall be a product having a special criteria set up, printing paper such as laminated paper which would be difficult in recycling as waste paper, and primarily processed printing papers such as envelopes, business cards, and wrapping paper.

### 2. Definitions

2.1

"Newsprint paper" refers to papers, main components of which are machine pulp and recycled pulp having been mixed with a little chemical pulp. It is categorized into newsprint web used for rotation type news printing and papers used for due form, cartoon, yellow pages.

# International Trade Aspects(3)

## ◆ <English Certificate Form> and <the Eco-label in English Ver.>

- Certified manufacturers can use the emblem in English abroad.

*Certificate of Korea Eco Label*

*Certificate No. : {{1}}*

*We hereby certify that the following products comply with the criteria set forth under the Environmental Technology Development and Promotion Act and are granted the right to use the Korea Eco-Label.*

*Licensee : {{2}}*

*Address : {{3}}*

*Factory : {{4}}*  
*address*

*Name of Brand : {{5}}*

*Product category : {{6}}*

*Reason for Certification : {{7}}*

*Valid until : {{8}} Issued : {{9}}*

*President of the Korea Environmental Industry  
& Technology Institute*





# Accessibility(1)

## ISO 14024 5.13 Accessibility

Application to, and participation in, environmental labelling programmes shall be open to all potential applicants. All applicants who fulfill the product environmental criteria for a given product category and the other programme requirements shall be entitled to be granted a license and authorized to use the label.

- Online application is available at <http://el.keiti.re.kr>
- Application is open to Korean nationals and foreigners regardless of business size and geographical location
- Lowered application/license fees for small business

# Accessibility(2)

◆ Foreign licensees: Five products manufactured abroad by four overseas companies have been eco-labelled (as of Dec. 31, 2011)

Target Product	Company Name	Factory Address	Brand Name	Date of Reception
EL145. Notebook Computers	ASUSTek COMPUTER INC.	Pu Dong New Dist, Shang Hai, China	U30Jc	2011.01.11
EL221. Water-saving Faucets	개평한양위욕 유한공사(China)	Kaiping, Guangdong, China	HY-322	2011.12.22
			DL1003	2011.12.22
EL248. Finishing Materials for Wall or Ceiling	HUME CEMBOARD INDUSTRIES SDN BHD	Perak Darul Ridzuan, Malaysia	PRIMAplank	2011.02.07
EL724. Biodegradable Resin Products	NatureWorks LLC	Minnesota, USA	NatureWorks LLC	2011.04.22

※ Excluded the cases of the applications made through branch offices based in Korea

# Accessibility(3)

◆ License fee based on annual turnover

Annual turnover	License fee per year
Over 50 billion won	5 million won
10 billion won ~ 50 billion won	4 million won
5 billion won ~ 10 billion won	3 million won
1 billion won ~ 5 billion won	2 million won
Under 1 billion won	1 million won

# Avoidance of Conflict of Interest(1)

## ISO 14024 5.15 Avoidance of conflict of interest

Type I Environmental labelling programmes shall ensure that they are free from undue influence. Programmes shall be able to demonstrate that sources of funding do not create a conflict of interest.

- **KEITI : Accredited agency by the Ministry of Environment**
- The implementation of eco-label schemes in Korea is subsidized by the MoE, application fees and annual fees paid by the license holders
- **Nominated experts pledge to comply with the Code of Ethics**
  - In case that the nominated expert exercises undue influence over certification, he or she can be removed from his/her position
- **When certification is rejected as a result of certification deliberation, re-application is possible after improving the product**

# Avoidance of Conflict of Interest(2)

## ◆ Legal base for the establishment of KEITI

### <Support for Environmental Technology and Environmental Industry act>

(Korea Environmental Industry and Technology Institute) (1) In order to effectively support the development of environmental technologies and purchase of green products under subparagraph 5 of Article 2 of the Framework Act on Low Carbon, Green Growth (hereinafter referred to as green products ) and foster the environmental industry, there shall be established a Korea Environmental Industry and Technology Institute.



# Avoidance of Conflict of Interest(3)

## ◆ Budget compilation in 2012 (by project)

	Project	Main Contents
<b>Government Agency Project (30%)</b>	<b>Enactment and Amendment of Certification criteria</b>	<b>Development of Certification criteria</b>
	<b>Test Method Development and International Standards</b>	<b>Enactment of Test Method/ GEN activities and development of common standards</b>
	<b>Developing a comprehensive management plan</b>	<b>Developing a comprehensive management plan</b>
	<b>Surveillance</b>	<b>Follow-up management</b>
<b>Commission(70%)</b>	<b>Certification Examination</b>	<b>Operation of Certification Examination</b>
	<b>Development and Operation of Service Certification criteria and Promotion of the eco-label program</b>	<b>Standard development for service sector and operation of certification system / Promotion of the eco-label program</b>
	<b>Monitoring of unauthorized use</b>	<b>Monitoring of unauthorized use of eco-label, online and offline.</b>
	<b>International Cooperation</b>	<b>International cooperation with relevant agencies</b>

# Avoidance of Conflict of Interest(4)

## ◆ <Security and Ethics Compliance Pledge> -Key contents

### <Security and Ethics Compliance Pledge>

I pledge to comply with the following.

1. With respect to the eco-label certification process, I shall carry out the process fairly and without prejudice.
2. With respect to the eco-label certification process, I shall not exert undue pressure, and if there is any external or internal undue influence, shall reject it.
3. With respect to the eco-label certification process, I shall not require and not receive any payment of/from customers.
4. With respect to the eco-label certification process, if I have any interest in the corporation/private company, I shall report the fact honestly and faithfully

....

# Avoidance of Conflict of Interest(5)

## ◆ <Code of Regulations on Eco-label Certification > - Appointment of Expert Advisors

**Article 37 (Appointment of Expert Advisors) (4) The President, in case a Deliberation advisor wants to retire or the President determines that an advisor is unable to serve the required function, may revoke the appointment.**

# Avoidance of Conflict of Interest(6)

## ◆ <Code of Regulations on Eco-label Certification > - Certification Deliberation and Follow-up Surveillance

**Article 23 (Certification Deliberation)** (7) In case where an applicant makes an appeal to the decision described in (3) of this Article, the President shall review the stated reasons for the appeal and, if necessary, may dictate a Committee meeting to examine the merits of the appeal raised.

**Article 23-2 (Deliberation in Connection with Follow-up Surveillance)** (6) Based on the assessment results and the concerned manufacturer's statements of reasons for non-compliance which are deemed reasonable, the President has discretion to dictate the Committee to conduct a further on-site assessment including testing and analysis.

# Confidentiality(1)

## **ISO 14024 5.17 Confidentiality**

**The confidentiality of all information which is identified as confidential shall be maintained.**

- **All information acquired in the process of criteria development, surveillance, and follow-up management is kept confidential**
- **All of the KEITI workers are obliged to keep confidential pursuant to the KEITI rules and regulations**
- **Code of Ethics Pledge**
- **All of the collected documents related to production are kept confidential**

# Confidentiality(2)

## ◆ Codes of Regulations: Confidentiality-1

of Association of KEITI>

(Confidentiality) The staff of KEITI or a person on the post shall not reveal or steal any information that he has gained in the course of conducting his duties.

e Job Integrity Contract Operating Regulations >

Job integrity duty) Employees must perform their work fairly and in accordance with the relevant laws and regulations, and are prohibited from the following:

act of revealing official secrets.

# Confidentiality(3)

## ◆ Codes of Regulations: Confidentiality-2

### Regulations related to Eco-label Certification >

(Prohibition of Disclosure) Current and former KEITI officers or employees and current and former members of deliberation advisor committee may not disclose confidential information to which they have gained access in the course of conducting their duties or information that might do damage to relevant organizations.

### Confidentiality Terms>

Confidentiality) Party A and Party B shall not disclose to any third parties information to which they have gained access in the course of conducting their duties. This provision shall continue to be effective after the date of termination of these terms. However, it shall not apply to information in the public domain or information gained legally without any connection with their functions.

# Confidentiality(4)

## ◆ <Form of On-the-site Inspection Plan>

KEITI		현장심사계획서		KEITI F-17-02(1/1) Edition 2, R. 0 (2008.4.8)		
업체명	(주)지케이	대표자	박혜옥	작성일자	2010.10.4	
사업장 주소	[OEM생산] 강원도 춘천시 동산면 조양리 816 녹색산업					
업체담당자	경영지원팀 조혜정 주임					
연락처	(전화) 02-420-1446 (핸드폰) 010-3137-0864 (팩스) 02-420-1164					
대상제품군	EL743. 무기성 토목건축 자재 [EL743-1993/8/2008-213]					
제품명						
심사일정	2010.10.6(수)		심사원	김종열 연구원		
시간계획	시간	심사내용		심사대상	비고	
	10 분	심사팀 및 업체 담당자 소개				
	10 분	심사의 목적, 심사대상 확인 및 심사 계획 합의				
	20 분	전반적인 업무조직 확인				
	50 분	제출서류에 따른 현장 확인				
	10 분	시료 채취				
	20 분	종료회의				
기밀유지사항						
특기 사항	1. 현장 준비사항에 따라 심사 시간계획은 변경될 수 있습니다. 2. 다음 사항에 협조하여 주시기 바랍니다. ① 실무 담당자, 부서장이상 인원의 참여(회고경정자 참석 권고) ② 심사시 생산실상황과 관련 문서 사전 준비 (1Copy) 인허가 서류 열람 및 (1Copy) ③ 환경 측면 및 영장파악에 관련된 문서 준비 // 배출 및 방지사설과 이물질 기 - 보수 현황 제공우 ④ 사진 및 사고 자료, 환경 관련 법규를 파악한 문서 준비 ⑤ 필요한 안전보호구를 준비하여 주시기 바랍니다. 4. 심사 진행에 필요한 장비 및 시설의 제공을 고려하여 주십시오. 5. 특별히 기밀유지가 요구되는 사항이 있는 경우 해당 정보를 사전에 알려주시기 바랍니다.					
확 인	심사원	성명 :	(인)	회사측 경영진	성명 :	(인)

### <Remarks>

5. In particular, if there is any information requiring confidentiality, please let us know in advance.



# THANK YOU FOR YOUR ATTENTION



Eco-labeling : Realizing Green Growth, Green Consumption & Green Society

Environmental Certification Department  
Environmental Standard Management Office

Tel. : +82-2-380-0415

<http://el.keiti.re.kr/eng/index.do>