

**MEMORANDUM OF UNDERSTANDING (MOU)
ON IMAGING EQUIPMENT (PRINTERS, COPIERS)
COMMON CRITERIA BETWEEN
JAPAN ECO MARK AND THAILAND GREEN LABEL**

Japan Environment Association (JEA) and Thailand Environment Institute (TEI),

BASED ON the "Mutual Recognition Agreement between Japan Eco Mark and Thailand Green Label" signed in February, 2004 and the "RULES ON MRA-BASED CERTIFICATION PROCEDURE OF ECOLABELLING BETWEEN JAPAN ECO MARK AND THAILAND GREEN LABEL" (hereinafter "Rule") signed in September, 2014.

RECOGNIZING the replacement of Appendix 1 and 2 with Appendix 1-2 and 2-2, respectively, which are attached to the Rules as set forth below;

1. APPENDIX 1-2. COMMON CRITERIA ITEMS FOR PRINTERS

TEI: TGL-37-R2-15 "Printer"

JEA: Eco Mark No.155 "Imaging Equipment Such As Copiers, Printers, etc. Version 1"

2. APPENDIX 2-2. COMMON CRITERIA ITEMS FOR COPIERS

TEI: TGL-27-R4-15 "Photocopier"

JEA: Eco Mark No.155 "Imaging Equipment Such As Copiers, Printers, etc. Version 1"

This Document has come in effect on 30 September, 2016.

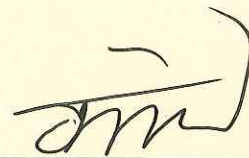


Mr. Osamu Uno
Secretary General of Eco Mark Office

September 30, 2016
Signed on behalf of JEA

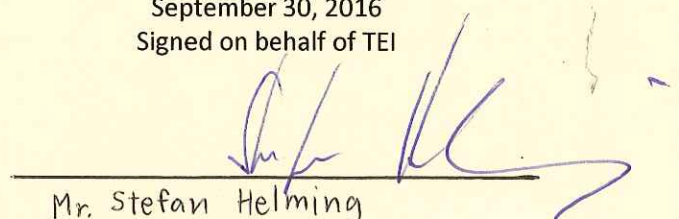


Dr. Ulf Jaeckel
Head of Division, Federal Ministry
for the Environment, Nature Conservation,
Building and Nuclear Safety (BMUB) [witness]



Professor Dr. Thanawat Jarupongsakul
President of Thailand Environment Institute

September 30, 2016
Signed on behalf of TEI



Mr. Stefan Helming
Country Director - GIZ Thailand
and Malaysia [witness]

Corresponding criteria of each program as follows:

- Thai Green Label (TGL): TGL-37-R2-15 "Printer"
- Eco Mark (EM): No.155 "Imaging Equipment Such as Copiers, Printers, etc. Version1"

Table1 Common Criteria on "Imaging Equipment (Printer)"

No.	Common Criteria item	TGL TGL-37-R2-15	EM No.155	Remarks
1	Scope	2	2	Harmonized Except for Reuse-conscious machine
2	Related laws and regulations	4.3	4-1-3 (28)	Harmonized
3	ENERGY STAR	5.1	4-1-2 (15)	Harmonized
4	Noise emission	5.2	4-1-3 (31)	Harmonized Except for wire dot printing and large format equipment
5	Emission (For equipment other than electrophotographic)	5.3	4-1-3 (21)	Harmonized Except for large format equipment
6	Material Requirements for Plastics of Casings, Casing Parts	5.4	4-1-1 (1), 4-1-3 (16), (17), (18)	Harmonized
7	3R design	5.5	4-1-1 (1), (2)	Harmonized
8	Cadmium, lead, mercury, selenium for photoconductor drums	5.6	4-1-3 (19), (22)	Harmonized
9	Battery	5.7.2 5.7.3	4-1-1 (1), 4-1-3 (29)	Harmonized The requirement on lead and lead compounds controls are not harmonized
10	Printable recycled paper, Duplex printing	5.8	4-1-1 (8), (9)	Harmonized
11	CFCs	5.9	4-1-3 (28)	Harmonized ¹
12	Hazardous Substances for toner	5.10 Except for 5.10.4	4-1-1 (3), (7), 4-1-3 (18), (24), (25), (26)	Harmonized
13	Packaging	5.11	4-1-1 (14)	Harmonized

1 Remark: Chlorofluoroethane (so-called HCFC-151) which is reported in TGLTGL-37-R2-15 No. 11 and TGLTGL-27-R4-15 No.14 is restricted in Montreal Protocol on Substances That Deplete the Ozone Layer.

Corresponding criteria of each program as follows:

- Thai Green Label (TGL): TGL-27-R4-15 "Photocopier"

- Eco Mark (EM): No.155 "Imaging Equipment Such as Copiers, Printers, etc. Version1"

Table2 Common Criteria on "Imaging Equipment (Copier)"

No.	Common Criteria item	TGL TGL-27-R4-15	EM No.155	Remarks
1	Scope	2	2	Harmonized Except for Reuse-conscious machine
2	Related laws and regulations	4.3	4-1-3 (28)	Harmonized
3	ENERGY STAR	5.1	4-1-2 (15)	Harmonized
4	Emission (electrophotographic equipment)	5.2	4-1-3 (19)	Harmonized Except for large format equipment
5	Noise emission	5.3	4-1-3 (31)	Harmonized Except for wire dot printing and large format equipment
6	3R design	5.4	4-1-1 (1), (2), (3)	Harmonized
7	Material Requirements for Plastics of Casings, Casing Parts	5.5	4-1-1 (1), 4-1-3 (16), (17), (18)	Harmonized
8	Battery	5.6	4-1-1 (1), 4-1-3 (29)	Harmonized The requirement on Lead and lead compounds controls are not harmonized
9	Hazardous Substances for toner	5.7	4-1-3 (24), (25), (26)	Harmonized
10	Toner cartridge and toner container	5.8	4-1-1 (3), 4-1-3 (18)	Harmonized
11	Supply and its period of the spare parts	5.10	4-1-1 (11)	Harmonized
12	Cadmium, lead, mercury, selenium for photoconductor drums	5.11	4-1-3 (22)	Harmonized
13	Duplex printing	5.12	4-1-1 (9)	Harmonized
14	CFCs	5.13	4-1-3 (28)	Harmonized ¹
15	Packaging	5.14	4-1-1 (14)	Harmonized

1 Remark: Chlorofluoroethane (so-called HCFC-151) which is reported in TGLTGL-37-R2-15 No. 11 and TGLTGL-27-R4-15 No.14 is restricted in Montreal Protocol on Substances That Deplete the Ozone Layer.