

**MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY
ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT**

**APEC EEMRA
Information Interchange Format**

PART 1

Introduction

This format is being prepared to assist member economies participating in the APEC MRA to prepare documentation required for participation in a consistent format.

It is expected that each participating member economy would submit their information in the recommended format to the APEC Secretariat as required by the MRA.

The format is based on the Information Notes on Good Practice for Technical Regulation and therefore provides for information to be supplied for each of the regulatory regimes identified in the notes. There are 7 regimes, they are for products requiring inspection, products requiring licensing, products requiring batch testing, products requiring approval (or certification), products requiring listing or registration, supplier declarations and essential safety requirements. Participating member economies need only provide information relating to the regimes which are in force in their economy. The regimes that are not enforced by the economy need to be noted also, please indicate this by placing 'none' in the standards table on the front of each regime.

Where more than one regulatory system applies within a participating member economy information on each regulatory system should be provided separately.

The format also draws upon the survey on Conformity Assessment of Electrical and Electronic Equipment conducted by the APEC SCSC. The format includes reference to applicable international standards and uses the international convention for describing the relationship of national and international standards, i.e. IDT for identical, MOD for modified, and NEQ for not equal.

When information makes reference to documents or legislation, the documents or legislation should be available on a website for that economy or provided as part of the information supplied to the APEC Secretariat.

ECONOMY – JAPAN

APEC EEMRA Information Interchange Format

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PART I – INFORMATION EXCHANGE

Regime Overview

(Electrical Appliances and Materials Safety Act: Acronym Den-an Law)

(1) Scope of the Scheme

As of 21 July, 2015, the Electrical Appliances and Materials Safety Act classifies 457 Electrical Appliances and Materials (hereinafter, “Electrical Appliances”) into two Categories reflecting their risk mode, “Specified Electrical Appliances and Materials (hereinafter, “Specified Electrical Appliances”: Category A) and “Electrical Appliances and Materials other than Specified Electrical Appliances and Materials (hereinafter, “Other Electrical Appliances”: Category B). See Attached Appendix 1 (Category A) and 2 (Category B).

(2) Notification requirements of Business Commencement:

Those who intend to manufacture or import the Electrical Appliances are required to notify the Ministry of Economy, Trade and Industry (METI) of their business commencements.

(3) Compliance with Technical Requirements

All persons who made a notification of Business Commencement (hereinafter “Notifying Suppliers”) are required to comply with technical requirements designated by METI.

1. Self-Declaration Requirements:

Self-Declaration Requirements under the Electrical Appliances and Materials Safety Act require Notifying Suppliers to conduct the testing and keep a record of testing. (Categories A and B)

2. Third Party Certification Requirements:

For “Specified Electrical Appliances” Notifying Suppliers are required to undergo third-party conformity assessment for the products and obtain and keep the certificate thereof. (Only Category A)

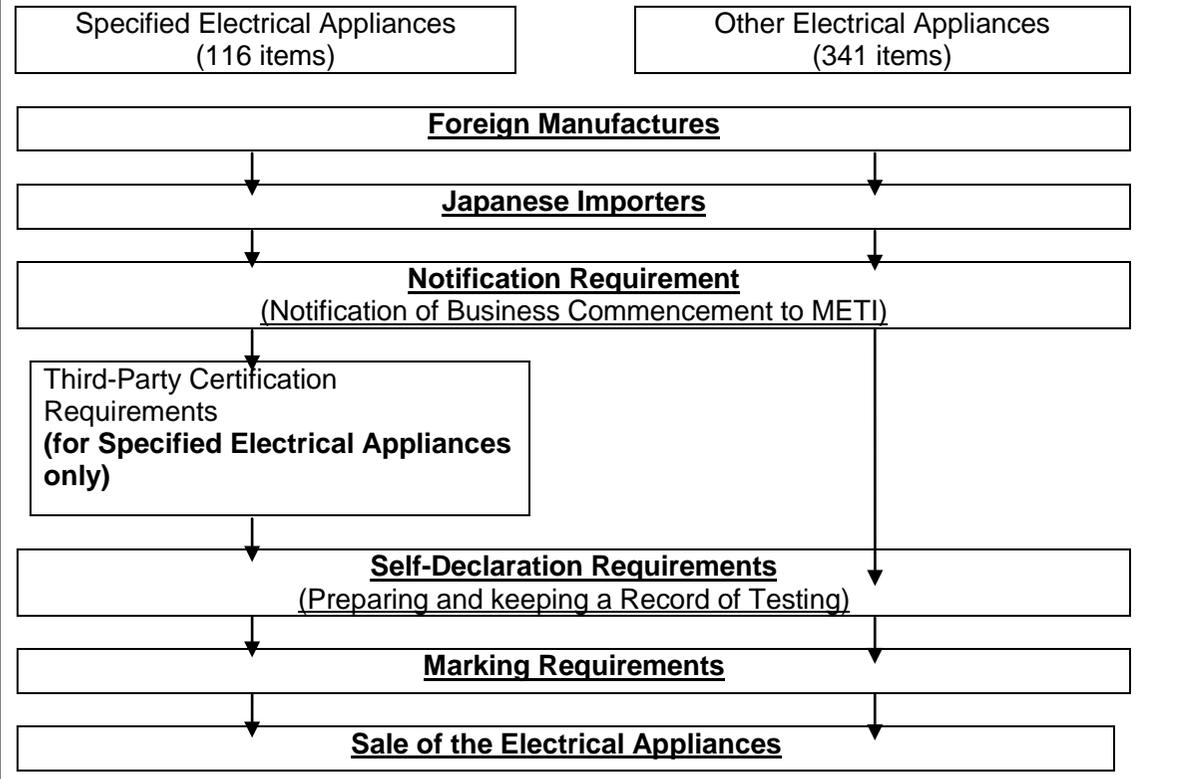
(4) Marking Requirements:

Notifying Suppliers who have complied with the requirements described (3) above are required to make a designated marking on the Electrical Appliances before their sale.

Legislative References

Legislation Applicable	Scope of the Legislation	Government Agency
Electrical Appliances and Materials Safety Act (Act No.234, 1961)	Designated Electrical Appliances • Specified Electrical Appliances (116 items) • Other Electrical Appliances (341 items) (*) See Appendix 1 and 2	Ministry of Economy, Trade and Industry

Optional Diagrammatic representation or flowchart of the regimes
(Electrical Appliances and Materials Safety Act)



1. **PRODUCTS REQUIRING INSPECTION**

None

2. **PRODUCTS REQUIRING LICENSING**

None

3. **PRODUCTS REQUIRING BATCH TESTING**

None

4. **PRODUCTS REQUIRING APPROVAL (OR CERTIFICATION)**

(Electrical Appliances and Materials Safety Act)

An approval regime requires the assessment for compliance with technical requirements by an assessment agency recognized by a regulator. Foreign agencies also could be an assessment agency in the scheme.

For imported electrical appliances, it is the importers which have the obligation to secure the conformity of electrical appliances to the mandatory technical requirements, and which have the right to attach the PSE marks (an indication for compliance with technical requirements) including the name of the importer, once their conformity to the mandatory technical requirements is confirmed.

5. **PRODUCTS REQUIRING LISTING OR REGISTRATION**

None

6. **SUPPLIER DECLARATIONS**

Self-Declaration Requirements under the Electrical Appliances and Materials Safety Act require Notifying Suppliers to conduct the testing and keep a record of testing. (Categories A and B)

But, in addition, for “Specified Electrical Appliances” Notifying Suppliers are required to either undergo third-party conformity assessment for the products and obtain and keep the certificate thereof. (Only Category A)

7. **ESSENTIAL SAFETY REQUIREMENTS**

METI entirely revised the Ministerial Ordinance Specifying Technical Requirements for Electrical Appliances and Materials under the Electrical Appliances and Materials Safety Act, and it came into force on July 1, 2013.

< Outline of the revision >

The former technical requirements of the Electrical Appliances and Materials Safety Act provide specification-based descriptions, in which the government defines detailed specifications including sizes and shapes, for each product. METI has revised related ordinance so as to change the specification-based descriptions into performance-based descriptions in which safety performance parameters that electrical appliances should satisfy, including protection against electrification and retaining of insulation performance, are specified.

Safety principles (5 categories)

- Securing safety functions in the designing process;
- Retaining safety functions during in-service periods;
- Safety designs consideration of users and locations of use, etc.

Protection against hazards (11 categories)

- Protection against electric shocks;
- Retaining insulation performance;
- Protection against fire hazards;
- Preventing users from being burned;
- Preventing harm caused by mechanical hazards; etc.

The revision of the technical requirements allows businesses to enhance the degree of freedom for designing products since it is only necessary for them to satisfy the prescribed safety performances, rather than to comply with the predetermined specification-based descriptions, such as sizes and shapes.

The government will continue to provide the existing specification-based descriptions of the technical requirements as indications according to which businesses are able to satisfy the performance-based descriptions of the technical requirements.

Products covered by any of the above

APPENDIX -1: List of Specified Electrical Appliances and Materials (116 items)

No.	Items	Term of Validity
1	Cables and Cords (limited to those having a rated voltage of not less than 100 V but not more than 600V) as noted below:	
	1) Non-sheathed rigid cables as noted below (limited to those having conductors of nominal cross sectional area of 100 mm ² or less.):	
	(1) Rubber-insulated non-sheathed cables (including those with synthetic rubber insulations)	Seven (7) years
	(2) Synthetic resin insulated non-sheathed cables (excluding the items noted in Appendix 2-1.1))	Seven (7) years
	2) Rigid cables (limited to those having conductors of nominal cross-sectional areas of 22 mm ² or less, having cores composed of seven strands or less, and having sheaths of rubber [including synthetic rubber] or synthetic resin)	Seven (7) years
	3) Cords	Seven (7) years
2	4) Sheathed flexible cables (limited to those having conductors of nominal cross-sectional areas of 100 mm ² or less and having cores composed of seven strands or less)	Seven (7) years
	Fuses as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V, for use in alternating current circuits):	
	1) Thermal links	Seven (7) years
	2) Other fuses (limited to those with a rated current of not less than 1 A but not more than 200 A [fuses for electrical motors are limited to those used with motors rated 12 kW or less], and fuses specified in Appendix 2-3 and quick-acting fuses for semiconductor protection are excluded)	Seven (7) years
3	Wiring devices as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V [in the case of lampholders for fluorescent lamps, a rated voltage is not less than 100 V but not more than 1,000 V], for use in alternating current circuit. Explosion proof and oil-filled types are excluded.):	

	1) Tumbler switches, cord switches, time switches and other switches (limited to those with a rated current of 30A or less. Switches specified in Appendix 2-4.1) and those specially designed switches incorporated in electrical appliances are excluded.)	Seven (7) years
	2) Switching devices as noted below (limited to those with a rated current of 100 A or less [switching devices for electric motors are limited to those for motors rated 12 kW or less], and those specially designed devices incorporated in appliances are excluded.):	
	(1) Box type switches (including covered switches)	Seven (7) years
	(2) Float switches	Seven (7) years
	(3) Pressure switches (limited to those with rated operating pressure of 294 kPa or less)	Seven (7) years
	(4) Controllers for a sewing machine	Seven (7) years
	(5) Breakers used for wiring	Seven (7) years
	(6) Earth leakage circuit breakers	Seven (7) years
	3) Cutouts (limited to those with a rated current of 100 A or less and which are equipped with link fuses or plug fuses)	Seven (7) years
	4) Connecting devices and their fittings as noted below (limited to those with a rated current of 50 A or less, having five or fewer terminals, and including devices having switching mechanisms other than a time switch mechanism):	
	(1) Push-in plugs and receptacles (excluding those specified in Appendix 2-4.3), and those specially designed to be incorporated in appliances)	Seven (7) years
	(2) Screw plugs and receptacles (excluding specially designed ones to be incorporated in appliances)	Seven (7) years
	(3) Sockets (excluding those specially designed to be incorporated in appliances other than lighting fixtures)	Seven (7) years
	(4) Rosettes	Seven (7) years
	(5) Joint boxes	Seven (7) years
4	Current limiters (limited to those having a rated voltage of not less than 100 V but not more than 300 V, and	Seven (7) years

	having a rated current of 100 A or less, and in any case to be used in alternating current circuits)	
5	Single-phase small power transformers and discharge lamp ballasts as noted below (limited to those with a rated primary voltage [a rated voltage in the case of discharge lamp ballasts other than voltage transformers] of not less than 100 V but not more than 300 V, and with a rated frequency ratings [in the case of those with double frequency ratings, either one of these frequencies in appliances. Hereinafter the same] of 50 Hz or 60 Hz, and in any case to be used in alternating current circuits):	
	1) Single-phase small power transformers as noted below (limited to those with rated capacities of 500 VA or less)	
	(1) Transformers for household appliances (excluding those specified in (2) below, those specified in Appendix 2-5.1) (1) and (5), and those specially designed to be incorporated in appliances)	Seven (7) years
	(2) Transformers for use in electronic appliances (limited to power voltage transformers with rated capacity exceeding 10 VA, but excluding those specially designed to be incorporated in appliances)	Seven (7) years
	2) Discharge lamp ballasts as noted below (limited to those used with discharge lamps having a total rated power consumption of 500 W or less):	
	(1) Fluorescent lamp ballasts (excluding those specially designed to be incorporated in appliances other than electrical lighting fixtures)	Seven (7) years
	(2) Mercury vapor lamp ballasts and other high voltage discharge lamp ballasts (excluding those specially designed to be incorporated in appliances other than electrical lighting fixtures)	Seven (7) years
(3) Transformers for ozone generators	Seven (7) years	
6	Heating appliances as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V and a rated power consumption of 10 kW or less for use in alternating current circuits):	
	1) Electric heated toilet seats.	Five (5) years
	2) Electric heating hot cupboards	Five (5) years
	3) Electric water pipe freeze-prevention heaters, glass dew-prevention heaters and other electric heating appliances for prevention of freezing or condensation	Seven (7) years
	4) Electric storage water heaters	Five (5) years

	5) Electric inhalators and other household electric heating therapeutic appliances (excluding those noted Appendix 2-7.57)	Five (5) years
	6) Electric steam baths and electric heaters for steam baths	Five (5) years
	7) Electric sauna baths and electric heaters for sauna baths	Five (5) years
	8) Electric aquarium heaters	Five (5) years
	9) Electric terrarium heaters	Five (5) years
	10) Electric heated toys	Five (5) years
7	Electric motor-operated appliances as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V and rated frequency of 50 Hz or 60 Hz, for use in alternating current circuits):	
	1) Electric pumps (limited to those with rated power consumption of 1.5 kW or less, but excluding the item noted in Appendix 2-8. 65), vacuum pumps, oil pumps, sand pumps or other pumps specially designed to be incorporated in appliances)	Five (5) years
	2) Electric refrigerating or freezing showcases (limited to those incorporating cooling units with a rated power consumption of 300 W or less)	Five (5) years
	3) Ice-cream freezers (limited to those using electric motors with a rated power consumption of 500 kW or less)	Five (5) years
	4) Electric food waste disposers (limited to those with a rated power consumption of 1 kW or less)	Five (5) years
	5) Electric massagers	Five (5) years
	6) Electric washing and drying toilets	Five (5) years
	7) Vending machines (limited to those incorporating heating units, cooling units, discharge lamps, or liquid containers, but excluding those used for dispensing tickets)	Five (5) years
	8) Electric bubble-generating machines (limited to those with a rated power consumption of 100 W or less if used outside bathtubs)	Three (3) years
9) Electric motor-operated toys and other electric motor-operated recreational apparatus (excluding those noted in Appendix 2-8.69))	Five (5) years	

8	High-frequency depilators (limited to those having a rated voltage of not less than 100 V but not more than 300 V, a rated high-frequency output of 50 W or less and a rated frequency of 50 Hz or 60Hz, for use in alternating current circuits)	Three (3) years
9	Electric appliances using AC power supply other than those listed in the foregoing items 2 through 8 inclusive as noted below (limited to those having a rated voltage of not less than 100 V but not more than 300 V and a rated frequency of 50 Hz or 60 Hz)	
	1) Magnetic therapeutic apparatus	Three (3) years
	2) Electric insect killers	Five (5) years
	3) Electric therapeutic bath controllers	Five (5) years
	4) DC power supplies (including those for concurrent use with AC power and limited to those with rated capacity of 1 kVA or less, but excluding those for test use with wireless transmitters or having other special construction)	Five (5) years
10	Portable generators having a rated voltage of not less than 30 V but not more than 300 V	Five (5) years

APPENDIX-2: List of Other Electrical Appliances and Materials (341 items)

No.	Items
1	<p>Cables, cords and heating cables as noted below:</p> <ul style="list-style-type: none"> • 1) Non-sheathed rigid cables as noted below (limited to those having conductors of nominal cross-sectional area of 100 mm² or less): <ul style="list-style-type: none"> ○ (1) Fluorescent lamp cables ○ (2) Neon tube cables • 2) Rigid cables (limited to those with a rated voltage of not less than 100 V but not more than 600V, having conductors of nominal cross-sectional area of exceeding 22 mm² but not more than 100 mm² or less, having cores composed of seven strands or less, and having sheaths of rubber [including synthetic rubber], or of synthetic resin) • 3) Floor heating cables
2	<p>Wireways, fittings, and cable wiring switch boxes as noted below (excluding those constructed of copper or bronze, or explosion-proof types):</p> <ul style="list-style-type: none"> • 1) Conduits (limited to those with inner diameter of 120 mm or less including flexible conduits) • 2) Underfloor ducts (limited to those with a width of 100 mm or less) • 3) Raceways (limited to those with a width of 50 mm or less) • 4) Fittings of conduits (limited to those connected to the conduits noted in 1) above, the underfloor ducts noted in 2) above, and the raceways noted in 3) above, or those connected to the ends of said conduits, underfloor ducts, or raceways, but excluding reducers) • 5) Cable wiring switch boxes
3	<p>Fuses as noted below (limited to those having a rated voltage of not less than 100 V but not more than 300 V and those having a rated current of not less than 1 A but not more than 200 A [in the case of fuses for electrical motors, limited to those used with motors rated 12 kW or less], for use in alternating current circuits)</p> <ul style="list-style-type: none"> • 1) Cartridge fuses • 2) End contact plug fuses
4	<p>Wiring devices as noted below (limited to those having a rated voltage of not less than 100 V but not more than 300 V for use in alternating current circuits, but excluding explosion proof and oil-filled types):</p> <ul style="list-style-type: none"> • 1) Remote control relays (limited to those having a rated current of 30 A or less, and excluding those specially designed to be incorporated in appliances) • 2) Switching devices as noted below (limited to those having a rated current of 100 A or less [in the case of switches for

	<p>electrical motors, limited to those used with motors rated 12 kW], but excluding those specially designed to be incorporated in appliances):</p> <ul style="list-style-type: none"> ○ (1) Cutout switches ○ (2) Covered knife switches ○ (3) Panelboard unit switches ○ (4) Electromagnetic switches (limited to those contained in enclosures which either have overcurrent disconnection mechanisms, or include fuses) ● 3) Lighting tracks and their fittings (limited to those used for connecting said lighting tracks, or connected to their terminal ends), and lighting track connectors (limited to those having a rated current of 50 A or less, having 5 or fewer terminals, and including a switching mechanism other than a time switch mechanism)
5	<p>Single-phase small power transformer voltage regulators, and discharge lamp ballasts as noted below (limited to those with a rated primary voltage [or in the case of discharge lamp ballasts other than voltage transformers, a rated voltage] of not less than 100 V but not more than 300 V and a rated frequency of 50 Hz or 60 Hz, and intended for use in alternating current circuits):</p> <ul style="list-style-type: none"> ● 1) Single-phase small power transformers, as noted below (limited to those with rated capacities of 500 VA or less): <ul style="list-style-type: none"> ○ (1) Transformers for bells (excluding those specially designed to be incorporated in appliances) ○ (2) Transformers for indicators (excluding those specially designed to be incorporated in appliances) ○ (3) Transformers for remote control relays (excluding those specially designed to be incorporated in appliances) ○ (4) Transformers for neon tubes (excluding those specially designed to be incorporated in appliances) ○ (5) Transformers for lighters (limited to those for use in lighters, and excluding pulse types) ● 2) Voltage regulators (limited to those having a rated capacity of 500 VA or less, but excluding those specially constructed as part of a machine or other tool) ● 3) Discharge lamp ballasts as noted below (limited to those for use with applicable discharge tubes having a total rated power consumption of 500 W or less): <ul style="list-style-type: none"> ○ (1) Sodium vapor lamp ballasts (excluding those specially designed to be incorporated in appliances other than electrical lighting fixtures) ○ (2) Germicidal lamp ballasts
6	<p>Small A.C. motors as noted below (limited to those with a rated frequency of 50 Hz or 60 Hz, but excluding those of pole-transforming type or explosion-proof type, those of special construction for use in spinning machines, in metal rolling machines, or in medical therapeutic apparatuses, and those specially designed to be incorporated in appliances other than sewing machines)</p>

	<ul style="list-style-type: none"> • 1) Single-phase A.C. motors (limited to those with a rated voltage of not less than 100 V but not more than 300 V) • 2) Squirrel-cage three-phase induction motors (limited to those with a rated voltage of not less than 150 V but not more than 300 V and with a rated output of 3 kW or less, but excluding those with short-time ratings)
7	<p>Heating appliances as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V, and a rated power consumption of 10 kW or less, for use in alternating-current circuits):</p> <ul style="list-style-type: none"> • 1) Electric footwarmers and electric slippers • 2) Electric knee rugs • 3) Electric floor cushions • 4) Electric carpets • 5) Electric underblankets, electric blankets and electric comforters (Futon) • 6) Electric ‘anka’ • 7) Electric seat chair covers and electric heated chairs • 8) Electric ‘kotatsu’ • 9) Electric room heaters • 10) Japanese electric heaters (Hibachi) and other electric heating appliances for body heating purposes (excluding the items noted in Appendix 1-6.1) and incubating appliances with electric heating apparatuses) • 11) Electric toasters • 12) Electric ovens • 13) Electric fish roasters • 14) Electric roasters • 15) Electric ranges • 16) Electric buffet ranges • 17) Electric sausage roasters • 18) Electric waffle irons • 19) Electric ‘takoyaki’ griddles • 20) Electric cooking hot plates and electric frying pans • 21) Electric rice cookers and electric jars • 22) Electric deep frying pans • 23) Electric fryers • 24) Electric boiled egg makers • 25) Electric warming boards

- 26) Electric warm serving trays
- 27) Electric milk warmers, electric kettles, electric coffee makers and electric tea servers
- 28) Electric 'sake' warmers
- 29) Electric bains marie
- 30) Electric steamers
- 31) Induction cooking appliances and other electric heating appliances for cooking purpose (Excluding the items noted in Appendix 1-6.2))
- 32) Electric hot water heaters for shaving
- 33) Electric curling irons and electric hair curlers
- 34) Electric hair steamers and other electric heating appliances for skin or hair care
- 35) Electric heated knives
- 36) Electric melters
- 37) Electric pottery kilns
- 38) Electric soldering irons, electric heaters for irons and other electric heating tools for handwork or handicraft
- 39) Electric hot hand towel steamers
- 40) Electric sterilizers (limited to those with electric heating elements)
- 41) Electric humidifiers
- 42) Electric clothes steamers
- 43) Electric immersion heaters
- 44) Electric instantaneous water heaters
- 45) Thermostatic developing trays
- 46) Electric heating boards, electric heating floor sheets and electric heating floor mats
- 47) Electric dryers
- 48) Electric clothes pressers (limited to those used for textile products)
- 49) Electric plant nurseries
- 50) Electric egg incubators
- 51) Electric brooders
- 52) Electric irons
- 53) Electric flatirons
- 54) Electric plastic welders (excluding high-frequency welders)
- 55) Electric incense burners
- 56) Electric insecticide vaporizers

	<ul style="list-style-type: none"> • 57) Electric moxibustion appliances
8	<p>Electric motor-operated appliances as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V and a rated frequency of 50 Hz or 60 Hz, for use in alternating current circuits):</p> <ul style="list-style-type: none"> • 1) Belt conveyors (limited to portable types) • 2) Electric refrigerators and electric freezers (limited to those incorporating cooling units with a rated power consumption of 500 W or less) • 3) Electric ice makers (limited to those incorporating cooling units with a rated power consumption of 500 W or less) • 4) Electric water coolers (limited to those incorporating cooling units with a rated power consumption of 500 W or less) • 5) Electric air compressors (limited to those with a rated power consumption of 500 W or less, but excluding those specially designed to be incorporated in appliances) • 6) Electric sewing machines • 7) Electric pottery wheels • 8) Electric pencil sharpeners • 9) Electric stirring machines (limited to those with a rated power consumption of 500 W or less) • 10) Electric scissors • 11) Electric insect traps • 12) Electric grass shears and electric hedge trimmers • 13) Electric lawn mowers • 14) Agricultural apparatuses as noted below: <ul style="list-style-type: none"> ◦ (1) Electric decorticators, electric rice hulling machines, electric straw dampers, and electric straw-rope making machines ◦ (2) Electric egg selectors and egg washers • 15) Electric garden cultivators • 16) Electric sea-tangle (Konbu) processors and dried squid processors (limited to those with a rated power consumption of 500 W or less) • 17) Electric juice squeezers, juice blenders, and food processors (limited to those using electric motors with a rated power consumption of 500 W or less) • 18) Electric noodle makers (limited to those using electric motors with a rated power consumption of 500 W or less) • 19) Electric rice cake (Mochi) makers (limited to those using electric motors with a rated power consumption of 500 watts or less) • 20) Electric coffee mills (limited to those with a rated power consumption of 500 W or less)

- 21) Electric can openers
- 22) Electric mincers, electric meat choppers and electric bread slicers (limited to those with a rated power consumption of 1 kW or less)
- 23) Electric dried bonito planers (limited to those with a rated power consumption of 500 W or less)
- 24) Electric ice flakers (limited to those with a rated power consumption of 500 W or less)
- 25) Electric rice washers (limited to those with a rated power consumption of 1 kW or less)
- 26) Electric vegetable washers (limited to those with a rated power consumption of 1 kW or less)
- 27) Electric dishwashers (limited to those using electric motors with a rated power consumption of 500 W or less)
- 28) Electric rice polishers (limited to those with a rated power consumption of 500 W or less)
- 29) Electric tea leaf roasters (limited to those using electric motors with a rated power consumption of 500 W or less)
- 30) Electric wrapping machines and electric packaging machines (limited to those with a rated power consumption of 500 W or less)
- 31) Electric table clocks and electric wall clocks
- 32) Automatic print fixing baths and automatic print washers (limited to those with a rated power consumption of 500 W or less)
- 33) Electric office machines as noted below:
 - (1) Electric mimeograph machines, office printing machines (limited to those for printing materials of not more than 515 mm in width, and of not more than 364 mm in width), and addressing machines
 - (2) Time recorders and time stamps
 - (3) Electric typewriters
 - (4) Electric account selectors
 - (5) Electric shredders and paper cutters
 - (6) Electric collators
 - (7) Electric staplers, paper punchers, and numbering machines
 - (8) Electric check writers, coin counters and bill counters
 - (9) Electric label-tagging machines
- 34) Laminators
- 35) Electric laundry finishing machines and laundry folding machines
- 36) Electric hand towel rolling machines (limited to those using electric motors with a rated power consumption of 500 W or less)
- 37) Vending machines (excluding those noted in Appendix 1-7.7) and those for issuing tickets) and money changers
- 38) Electric barber chairs

- 39) Electric toothbrushes and electric brushes
- 40) Electric hair dryers, electric shavers, electric hair clippers, electric nail polishers, and other electric motor-operated appliances for skin or hair care
- 41) Electric room fans and circulation fans (limited to those with a rated power consumption of 300 W or less)
- 42) Ventilation fans (limited to those with a rated power consumption of 300 W or less)
- 43) Blowers (limited to those with a power consumption of 500 W or less, and excluding those specially designed to be incorporated in appliances)
- 44) Electric air conditioners (limited to those whose motors have a total rated power consumption of 7 kW or less, and in the case of the items having a heating device, limited to those whose heating elements have a rated power consumption of 5 kW or less)
- 45) Electric cooled air fans (limited to those with a rated power consumption of 300 W or less)
- 46) Electric dehumidifiers (limited to those incorporating cooling units having a rated power consumption of 500 W or less)
- 47) Electric fan coil units and fan convectors (limited to those with a rated power consumption of 30 W or less)
- 48) Electric hot-air heaters (limited to those with a rated power consumption of 500 W or less, and using gas or oil as a heat source)
- 49) Electric fan-forced air heaters (limited to those incorporating heating elements with a rated power consumption of 5 kW or less)
- 50) Electric humidifiers (limited to those incorporating motors with a rated power consumption of 500 W or less)
- 51) Electric air cleaners (limited to those with a rated power consumption of 500 W or less)
- 52) Electric deodorizers
- 53) Electric fragrance diffusers
- 54) Electric vacuum cleaners, electric record cleaners, electric blackboard eraser cleaners and other electric dust absorbers (limited to those with a rated power consumption of 1 kW or less)
- 55) Electric floor polishers (limited to those with a rated power consumption of 1 kW or less)
- 56) Electric shoe polishers
- 57) Electric washing machines for sports goods or recreational goods (limited to those using electric motors or electromagnetic vibrators with a rated power consumption of 1 kW or less)
- 58) Electric washing machines (limited to those using electric motors or electromagnetic vibrators with a rated power consumption of 1 kW or less)
- 59) Electric spin extractors (limited to centrifugal types using electric motors with a rated power consumption of 1 kW or less, and used for extracting water from textile products)

	<ul style="list-style-type: none"> • 60) Electric tumbler dryers (limited to those with a rated power consumption of 10 kW or less, but excluding hair dryers) • 61) Electric musical instruments • 62) Electric music boxes • 63) Electric bells, buzzers, chimes and sirens (excluding explosion-proof types and those specially designed to be incorporated in appliances) • 64) Electric grinders, electric drills, electric planes, electric saws, electric screwdrivers and other electric power tools (limited to those with a rated power consumption of 1 kW or less) • 65) Electric fountains • 66) Electric mist sprayers (limited to those with a rated power consumption of 1 kW or less) • 67) Electric inhalators • 68) Household electric motor-operated therapeutic apparatuses (excluding those noted in Appendix 1-7.5)) • 69) Electric game machines • 70) Electric warm-water circulating/cleaning equipment for a bath (so called 24-hour operation whirlpool bath, limited to those incorporating heating elements with a rated power consumption of 1.2 kW or less)
9	<p>Luminaires and optical appliances and machines as noted below (limited to those with a rated voltage of not less than 100 V but not more than 300 V, and a rated frequency of 50 Hz or 60 Hz, for use in alternating current circuits):</p> <ul style="list-style-type: none"> • 1) Photographic printers • 2) Microfilm readers (limited to those with a screen of 500 mm or less in length, and excluding those equipped with automatic search devices, or automatic continuous printing devices) • 3) Slide projectors and overhead projectors (excluding those for use with television or those using a xenon-arc lamphouse as the light source) • 4) Episcopes (limited to those with a rated power consumption of 2 kW or less, but excluding those for use with television, or those using a xenon-arc lamphouse as the light source) • 5) Viewers • 6) Electronic flash apparatuses (limited to portable types with a rated accumulated power capacity of 1.5 kW or less, and excluding those for use in microscopes or medical equipment, or those having other special construction) • 7) Photographic enlargers and photographic enlarger lamphouses (limited to those having openings for negative holders of 125 mm or less in length and 100 mm or less in width, and in the case of photographic enlargers, excluding those equipped with automatic exposure devices or automatic photographic paper feeders) • 8) Incandescent lamps (limited to those for general illumination use, with outer receptacle diameters of not less than 26.03 mm but not more than 26.34 mm)

	<ul style="list-style-type: none"> • 9) Fluorescent lamps (limited to those with a rated power consumption of 40 W or less) • 10) LED-lamps • 11) Pedestal lighting fixtures, household pendant fluorescent lamp lighting fixtures, hand lamps, garden lighting fixtures, decorative lighting fixtures (limited to those using capless lamps or having sockets with inner receptacle diameter of 15.5 mm or less) or other incandescent lamp lighting fixtures and discharge lamp lighting fixtures (excluding explosion-proof type) • 12) LED-luminaries and other light sources using LEDs • 13) Advertisement lamps • 14) Egg testers • 15) Electric sterilizers (limited to those equipped with sterilizing lamps) • 16) Household therapeutic ray apparatuses • 17) Rechargeable flashlights • 18) Copying machines (limited to those whose light source has a rated output of 1.2 kW or less)
10	<p>Electronic appliances, as noted below (limited to those having a rated voltage of not less than 100 V but not more than 300 V and a rated frequency of 50 Hz or 60 Hz for use in alternating current circuits):</p> <ul style="list-style-type: none"> • 1) Electronic clocks • 2) Electronic tabletop calculators and electronic cash registers • 3) Electronic refrigerators • 4) Interphones • 5) Electronic musical instruments • 6) Radio receivers, tape recorders, record players, juke boxes and other audio equipment • 7) Video tape recorders • 8) Demagnetizers • 9) Television receivers (excluding industrial-use television receivers) • 10) Television receiver boosters • 11) High frequency welders (limited to those with a rated high-frequency output of 2.5 kW or less) • 12) Microwave ovens • 13) Ultrasonic rat exterminators • 14) Ultrasonic humidifiers (limited to those with a rated high frequency output of 50 W or less) • 15) Ultrasonic cleaners (limited to those with a rated high frequency output of 50 W or less) • 16) Electronic recreational apparatuses (limited to those used by connection to a television receiver, or those equipped

	<p>with a cathode ray tube)</p> <ul style="list-style-type: none"> • 17) Household low frequency therapeutic apparatuses • 18) Household ultrasonic therapeutic apparatuses and household ultrashort wave therapeutic apparatuses (limited to those with a rated high-frequency output of 50 W or less)
11	<p>A.C. appliances and machines other than those listed in the foregoing items 3 to 10, inclusive, and using alternating current, as noted below (limited to those having a rated voltage of not less than 100 V but not more than 300 V, and a rated frequency of 50 Hz or 60 Hz):</p> <ul style="list-style-type: none"> • 1) Furniture with lamps, furniture with socket outlets, and furniture equipped with other electrical appliances • 2) Electric light dimmers (limited to those with a rated capacity of 1 kVA or less) • 3) Electric pencils • 4) Leakage current detectors • 5) Burglar alarms • 6) Arc welding machines (limited to those having a rated secondary current of 130 A or less if the rated voltage exceeds 150 V) • 7) Radio interference suppression devices (limited to those which prevent the transmission of a highfrequency current that causes noise in television receivers or radio receivers and consisting of capacitors or a combination of capacitors and coils as main components and excluding those with a rated current exceeding 5 A, and those specially designed to be incorporated in appliances) • 8) Producers of medical materials • 9) Household electric-potential therapeutic apparatuses • 10) Electric refrigerators (limited to absorption types) • 11) Electric fence energizers
12	<p>Lithium-ion batteries (limited to those consisting of secondary cell of which energy density is not less than 400Wh/L, but excluding those used for automobiles, motorcycles, medical appliances, industrial appliances)</p>

Description of the Regime

Testing Facilities

None

Approval (Certification) Agencies

1. List of Registered Conformity Assessment Bodies

Name of CABs and Main Location	Classification of Registration
Japan Electrical Safety & Environment Technology Laboratories (JET) 5-14-12 Yoyogi, Shibuya-Ku Tokyo	1. Cables and Cords 2. Fuses 3. Wiring Devices 4. Current Limiters 5. Single-phase Small Power Transformers 6. Electric Heating Appliances 7. Electric Motor-operated of Magnetically Driven Appliances 8. Electronic Appliances 9. Other AC Electrical Appliances 10. Potable Engine Generators
Japan Quality Assurance Organization (JQA) 1-25 Sudacho, Kanda, Chiyoda-Ku Tokyo	1. Single-phase Small Power Transformers 2. Electric Heating Appliances 3. Electrical Motor-operated of Magnetically Driven Appliances 4. Electronic Appliances 5. Other AC Electrical Appliances
Japan Electric Cable Technology Center Inc. (JECTEC) 1-4-4 Shinmiyakoda, Kita-Ku, Hamamatsu-Shi Shizuoka Prefecture	1. Cable and Cords

TÜV Rheinland Japan Ltd. 3-19-5 Shinyokohama, Kohoku-ku Yokohama-Shi Kanagawa Prefecture	<ol style="list-style-type: none"> 1. Single-phase Small Power Transformers 2. Electric Heating Appliances 3. Electric Motor-operated of Magnetically Driven Appliances 4. Electronic Appliances 5. Other AC Electrical Appliances
UL Japan Co., Ltd. 4383-326 Asama-Cho, Ise-Shi Mie Prefecture	<ol style="list-style-type: none"> 1. Other AC Electrical Appliances

2. List of Foreign Registered Conformity Assessment Bodies

TÜV Rheinland LGA Products GmbH Am Grauen Stein, D-51105 Cologne, Germany	<ol style="list-style-type: none"> 1. Cable and Cords 2. Fuses 3. Wiring Devices 4. Single-phase Small Power Transformers 5. Electric Heating Appliances 6. Electrical Motor-operated of Magnetically Driven Appliances 7. Other AC Electric Appliances 8. Portable Engine Generators
TÜV Rheinland Taiwan Ltd. 11F, No. 758, Bade Rd., Sec. 4, Songshan Dist., Taipei 105, Taiwan, R.O.C.	<ol style="list-style-type: none"> 1. Single-phase Small Power Transformers 2. Electric Heating Appliances 3. Electrical motor-operated of Magnetically Driven Appliances 4. Other AC Electric Appliances
TÜV Rheinland Hong Kong Ltd. 8-10/F Goldin Financial Global Square 7 Wang Tai Road Kowloon Bay, Kowloon, Hong Kong	<ol style="list-style-type: none"> 1. Single-phase Small Power Transformers 2. Electric Heating Appliances 3. Electrical Motor-operated of Magnetically Driven Appliances 4. Other AC Electric Appliances
China Quality Certification Centre Section 9, No.188, Nansihuan (the south fourth Ring Road) Xilu (West Road), Beijing 100070,	<ol style="list-style-type: none"> 1. Cable and Cords 2. Fuses 3. Wiring Devices

China	<ul style="list-style-type: none"> 4. Current Limiters 5. Single-phase Small Power Transformers 6. Electric Heating Appliances 7. Electrical motor-operated of Magnetically Driven Appliances 8. Electric Appliances 9. Other AC Electric Appliances 10. Portable Engine Generators
Electronics Testing Center, Taiwan No. 8, Lane 29, Wenming Rd., Leshan Tsuen, Guishan Shiang, Yaoyuan County, 33383, Taiwan, R.O.C.	<ul style="list-style-type: none"> 1. Cable and Cords 2. Other AC Electrical appliances
UL LLC 333 Pfingsten Road, Northbrook, Illinois, U.S.A.	<ul style="list-style-type: none"> 1. Fuses 2. Wiring Devices 3. Other AC Electrical appliances

The Singaporean agency offering testing and certification services in accordance with the Japan-Singapore Economic Agreement for a New Age Partnership (JSEPA)

TÜV SÜD PSB Pte Ltd 1 Science Park Drive, Singapore 118221	<ul style="list-style-type: none"> 1. Cable and Cords 2. Fuses 3. Wiring Devices 4. Heating Appliances 5. Electrical Motor-operated of Magnetically Driven Appliances 6. Single-phase Small Power Transformers 7. Other AC Electric Appliances
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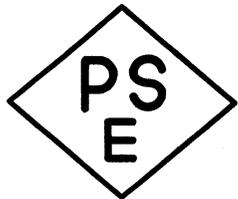
Labelling Requirements

Notifying Suppliers who have complied with the requirements are required to make a designated marking on the Electrical Appliances before their sale.

1. for “Specified Electrical Appliances”,

Example of Marking on Electric Storage Water Heater

①(Mandatory Marking for Specified Electrical Appliances and Materials)



②○○ Co. Ltd. (Name of Japanese supplier (manufacturer, importer, etc.))

③×××× (Name of Designated CAB which issued the certificate)

④Single phase, 200V, 2kW, indoor use (Rated voltage, etc.)

2. for “Other Electrical Appliances”,

Example of Marking on Electric Fan

①(Mandatory Marking for the Other Electrical Appliance and Materials)



②○○Co. Ltd. (Name of Japanese supplier (manufacturer, importer, etc.))

③100V, 42/48W, 50/60HZ (Rated voltage, etc.)