

# Amendments to the Legal Inspection Requirements for Printing or Copying Machines and 30 Other Commodities

By the Bureau of Standards, Metrology and Inspection (BSMI), Ministry of Economic Affairs (MOEA)

## Introduction:

BSMI will adopt the newest version of the electrical safety specifications, electromagnetic compatibility and related inspection standards, CNS 15598-1: 2020 and CNS 15936: 2016 to bring our regulations into line with the international standards to ensure consumers' safety.

In addition, CNS 15598-1:2020 was also revised to meet the ratification requirements of the Minamata Convention on Mercury to address the threat to human health and the environment.

**Date of implementation:** 1 January 2024

## Scope of covered products:

Item	Description of Goods	Inspection Standards (Revisions underlined)	C.C.C. Code (the first 6 digits are the same as HS Code)(Reference)	Conformity Assessment Procedures
1	Printing or copying machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence”	8443.31.00.00.2A 8443.31.00.00.2B 8443.32.00.00.1A 8443.32.00.00.1B 8443.39.00.90.5	RPC Scheme (Modules II+III) or TABI Scheme
2	Automatic data processing machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence” 4、The directions to note the warning for information, communication and consuming electronic products	8471.30.00.00.8 8471.41.00.00.5 8471.49.00.00.7 8471.50.00.00.3 8471.60.10.00.9 8471.90.10.00.3 8471.90.90.00.6	RPC Scheme (Modules II+III) or TABI Scheme
3	Radio keyboard (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.60.30.10.3	RPC Scheme (Modules II+III) or TABI Scheme
4	Image scanners (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.60.90.10.0	RPC Scheme (Modules II+III) or TABI Scheme
5	Radio mouse (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.60.90.20.8	RPC Scheme (Modules II+III) or TABI Scheme
6	Other input or output units, whether or not presented with the rest of a system and whether or not containing storage units in the same housing (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <u>CNS 15936:2016</u> 2、 <u>CNS 15598-1:2020</u> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.60.90.90.3	RPC Scheme (Modules II+III) or TABI Scheme

7	Automatic teller machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8472.90.50.00.3	RPC Scheme (Modules II+III) or TABI Scheme
8	Static converters for automatic data processing machines and units thereof, and telecommunication apparatus (inspection scope: only adapters convertible from AC to DC, excluding those designed for HI-END audio, medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8504.40.20.00.3A	RPC Scheme (Modules II+III)
9	Other power supply, exchangeable type (inspection scope: only adapters convertible from AC to DC, excluding those designed for HI-END audio, medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8504.40.91.00.7A	RPC Scheme (Modules II+III)
10	Automotive video camera (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8525.80.90.10.2B 8525.80.90.90.5B	RPC Scheme (Modules II+III) or TABI Scheme
11	Monitors used in an automatic data processing (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence” 4、The directions to note the warning for information, communication and consuming electronic products	8528.42.00.00.7 8528.52.00.00.4	RPC Scheme (Modules II+III) or TABI Scheme
12	Head-mounted monitors used in an automatic data processing (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence” 4、The directions to note the warning for information, communication and consuming electronic products	8528.42.00.00.7A 8528.52.00.00.4A 9504.50.00.10.0B 9504.50.00.19.1B 9504.50.00.90.3B	RPC Scheme (Modules II+III) or TABI Scheme
13	Drafting tables and machines fitted with data processing system, whether or not automatic (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	9017.10.10.00.9	RPC Scheme (Modules II+III) or TABI Scheme
14	Drafting machines for data processing system (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	9017.20.10.00.7	RPC Scheme (Modules II+III) or TABI Scheme

15	Electronic calculators (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8470.10.10.00.1 8470.10.20.00.9 8470.21.00.00.0 8470.29.00.00.2 8470.30.00.00.9 8470.90.00.00.6	Declaration of Conformity
16	Cash registers (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8470.50.00.00.4	Declaration of Conformity
17	Wired keyboard (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.60.30.90.6	Declaration of Conformity
18	Hard disc devices (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.70.10.10.5	Declaration of Conformity
19	Soft disc devices (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.70.10.20.3	Declaration of Conformity
20	Optical disc devices (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.70.10.30.1	Declaration of Conformity
21	Other magnetic disc devices (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.70.10.90.8	Declaration of Conformity
22	Other storage units (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.70.90.00.0	Declaration of Conformity
23	Other units of automatic data processing machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.80.00.00.7	Declaration of Conformity
24	Magnetic or optical readers (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.90.30.00.9	Declaration of Conformity

25	Data transcribing machines for inputting into data processing machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8471.90.40.00.7	Declaration of Conformity
26	Typewriters (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8472.90.70.10.7	Declaration of Conformity
27	Word-processing machines (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8472.90.70.20.5	Declaration of Conformity
28	Class B main board of computers and add-on cards with I/O port; except for fax card, modem card, fax/modem card and other add-on card with communication function(inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8473.30.00.00.6	Declaration of Conformity
29	Machines for the reception, conversion and transmission or regeneration of voice, images or other data. ( including router, bridge, switch, hub, gateway, exclusive of those medical devices or telecommunications terminal equipment))	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8517.62.00.00.5	Declaration of Conformity
30	Digital still image video cameras and digital cameras (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8525.80.21.10.6 8525.80.21.90.9	Declaration of Conformity
31	Electrical machines with translation or dictionary functions (inspection scope: exclusive of those medical devices or telecommunications terminal equipment)	1、 <a href="#">CNS 15936:2016</a> 2、 <a href="#">CNS 15598-1:2020</a> 3、CNS 15663:2013 Section 5“Marking of Presence”	8543.70.91.00.3	Declaration of Conformity

### Description of the two kinds of conformity assessment procedures

#### 1. Registration of Product Certification (RPC) Scheme: Modules II+III

Under the II+III combination of modules used in this scheme, domestic manufacturers or importers must have their products type-tested in advance (Module II) by the BSMI or BSMI-designated testing laboratories before applying for registration of their products. Manufacturers or importers will also be required to ensure by declaration (Module III, conformity-to-type declaration) that all products made at

their manufacturing facilities or imported are in conformity with the prototypes submitted for type-test at Module II stage.

## **2. Type-Approved Batch Inspection (TABI) Scheme**

Under this procedure, manufacturers or importers shall have their products type-tested by the BSMI or BSMI-designated testing laboratories, and file an application for Type Approval to the BSMI or its branches.

After manufacturers or importers obtain a Type Approval certificate, they are required to file an application for batch inspection to the BSMI each time before their products are released from the production premises or arrive at the port of entry. The BSMI will then review the application and the related documents while additional samples may be required for further testing if it is deemed necessary.

After the products have passed the inspection, they will be allowed to use the Commodity Inspection Mark with the letter 'T' and the identification number given by the BSMI. The application fee for the Type Approval is NT\$3,500, and a Type Approval certificate is valid for three years. The fees for type testing vary by products and depend on the fee policies of the testing laboratories.

## **3. Declaration of Conformity (DoC) Scheme**

The manufacturer or importer shall obtain test report from a BSMI-designated laboratory, prepare relevant technical documents, and shall draw up a Declaration of Conformity. Both the technical documents and Declaration of Conformity shall be kept by the manufacturer or importer for an applicable period.

The manufacturer or importer shall apply to the BSMI or its branch for registration and a registration number for the DoC marking.

The DoC marking printed by the manufacturer or importer must be affixed to the body of the products.

## **4. Further information about the three schemes is also available on the BSMI website at**

<https://www.bsmi.gov.tw/wSite/lp?ctNode=9768&CtUnit=4132&BaseDSD=7&mp=2>

### **Locations to apply for Registration of Product Certification or Type-Approved Batch Inspection:**

The BSMI or its branches.

### **Time required for Registration of Product Certification:**

14 working days. (This period does not include the time for corrective actions by the applicant due to deficiencies in the documents or samples. Extra seven working days may be required if additional tests are required.)

### **Related requirements:**

1. The revised inspection standards listed in the table will come into force on the date of announcement and the current inspection standards will become invalid from 1 January 2024. The applicable inspection schemes, conformity assessment modules of RPC and duration of certificates for the commodities above will remain unchanged. For a commodity described in a declaration of conformity declaration of conformity will be invalid from 1 January 2025 if declaration of conformity are not updated according to the revised inspection standards before 31 December 2024.
2. The gateway of item 29 will be subject to mandatory inspection from 1 January 2024.
3. The column of import regulation codes 8471.90.90.00.6, 8472.90.50.00.3, 9017.10.10.00.9 and 9017.20.10.00.7 will be changed to C02 since the announcement date.
4. The National Certification Bodies (NCBs) and their associated CB Testing Laboratories (CBTLs) under IECEE CB Scheme are allowed to apply for registration to the BSMI. Testing report(s) and certificate(s) issued by the registered NCBs and CBTLs may be transferred to the BSMI required test report(s) by the

BSMI-designated domestic laboratories according to the related procedures.

5. From the date of announcement, the BSMI can accept applications for registration of product certification and type approval of listed products. BSMI will issue RPC or type approval certificates to the applicants whose products meet all the requirements. For products included in the inspection scope for the first time, the certificate is valid for three years from the date of issuance (if the date of issuance is before 31 December 2023, it will be counted from 1 January 2024).
6. Those commodities using AC power source, rechargeable lithium batteries or affixed power altering devices shall be conformed to safety testing requirements CNS 15598-1.
7. The listed products use button-type batteries to provide power shall comply with the relevant provisions of the CNS 15598-1 standard for button-type batteries.
8. The listed products with personal music players features must comply with section 10.6 of CNS 15598-1.
9. The listed products with electronic displays features must comply with the provisions of section 7.2 of CNS 15598-1: 2020.
10. For the requirement of Section 5 “Marking of presence” of CNS 15663, the certificate holders of the commodities shall clearly mark the presence condition of the restricted substances on the body, packages, stickers, or the instruction books of the commodities. Those who utilize website as a means to announce the presence condition of the restricted substances of the commodities shall clearly mark the website address on the body, packages, stickers, or the instruction books of the commodities, instead.
11. The Commodity Inspection Mark:
  - (1) The Commodity Inspection Mark shall be printed by the certificate holders. The identification number of the Commodity Inspection Mark consists of “Letter (R or T),” “Designated Code (five digits)” and the presence conditions of the restricted substance (e.g., RoHS or RoHS (XX,XX)).
  - (2) The identification number shall be placed below or to the right of the graphic symbol and the presence conditions of the restricted substance shall be indicated in the second row.
  - (3) The size of the Mark can be applied proportionally on a prominent location of the commodities. The Mark shall use materials that are not easily altered, and the content shall be in a clearly identifiable and indelible form affixed permanently to the commodity.
  - (4) For RPC scheme, the examples of the Commodity Inspection Mark are listed below:



- (5) For TABI scheme, the examples of the Commodity Inspection Mark are listed below:



- (6) “RoHS” indicates the content of restricted substance(s), other than exemptions stated in CNS 15663, does not exceed the reference percentage value of presence condition.

“RoHS (XX,XX)” indicates the content of restricted substance(s) (element XX, element XX, ...), other than exemptions stated in CNS 15663, exceeds the reference percentage value of presence condition.

The restricted substances: indicates Pb, Cd, Hg, Cr<sup>+6</sup>, PBB, and PBDE.

Example:

- RoHS (Pb): indicates that the Pb percentage content in certain parts of the commodity exceeds the reference percentage value of presence condition.
  - RoHS (Cd, Cr<sup>+6</sup>, PBB): indicates that the Cd, Cr<sup>+6</sup>, and PBB percentage content in certain parts of the commodity exceed the reference percentage value of presence condition respectively.
12. The C.C.C. Code listed in the table are used for reference only. The commodity shall still comply with the requirements before entering into the market, even though its C.C.C. Code is identified differently by the Customs Administration, Ministry of Finance or Bureau of Foreign Trade, Ministry of Economic Affairs.
  13. The inspection standards of the commodities listed in the table shall be the version published in this announcement. If any updated version is available, the BSMI shall publish the implementation date of the updated version in further announcements.
  14. Commodities with combined features or multifunctional products shall comply with the respective inspection standards.
  15. The medical equipment described in the table indicates the medical equipment regulated under the Pharmaceutical Affairs Act.
  16. The telecommunications terminal equipment mentioned in the table is the telecommunications terminal equipment regulated under in the Telecommunications Act.
  17. The listed commodities that have obtained the vehicle safety testing report issued by the certification institutions authorized by the Ministry of Transportation and Communications are not within the scope of the inspection items required by the BSMI.

Table 1. Example of markings for the presence conditions of the restricted substances exceeds the reference percentage value of presence conditions

Equipment name: Printing or copying machines, Model : XXX(*)						
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr <sup>+6</sup> )	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Circuit board	Exceeding 0.1 wt %	○	○	○	○	○
Cabinet	○	○	○	○	○	○
Power switch	—	Exceeding 0.1 wt %	○	○	○	○
Power cord	○	○	○	○	○	○
Control panel	○	○	Exceeding 0.01 wt %	○	○	Exceeding 0.1 wt %
<p><b>Note 1:</b> “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p><b>Note 2:</b> “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p><b>Note 3:</b> The “—” indicates that the restricted substance corresponds to the exemption.</p>						

Table 2 Example of markings for the content of the restricted substances other than exemption do not exceed the reference percentage value of presence condition

Equipment name: Printing or copying machines, Model : YYY(*)						
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr <sup>+6</sup> )	Polybrominate d biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Electric board	○	○	○	○	○	○
Cabinet	○	○	○	○	○	○
Power switch	—	○	○	○	○	○
Power cable	○	○	○	○	○	○
Control panel	○	○	○	○	○	○
<p><b>Note 1:</b> “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p><b>Note 2:</b> The “—” indicates that the restricted substance corresponds to the exemption.</p>						

(\*) The “name and model” row can be omitted if the position of “the markings for the presence conditions” shows clearly to specify the corresponding commodity. Multiple models could be shown together in the same field if “the markings for the presence conditions” can be applied to contemporarily.