

Proposal for Amendments to the Legal Inspection Requirements for Audio and Video Equipment

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

Introduction:

The BSMI proposes to adopt CNS 15598-1:2020 and CNS15936:2016 as the inspection standards for audio and video equipment to ensure the safety of consumers.

For the video recording or reproducing apparatus, the standard to be adopted contains volume limits requirements to protect consumers from hearing loss.

Proposed date of implementation: 1 January 2025

Scope of covered products:

Item	Description of Goods	Inspection Standards (proposed revisions underlined)	C.C.C. Code (the first 6 digits are the same as HS Code)(For reference)	Conformity Assessment Procedures
1	Single loudspeakers, mounted in their enclosures (With built-in amplifier, exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1 ∙ <u>CNS 15936 (2016)</u> 2 ∙ <u>CNS 15598-1 (2020)</u> 3 ∙ CNS 15663 (2013) Section 5“Marking of Presence”	8518.21.00.00.4	RPC Scheme (Modules II+III) or TABI Scheme
2	Multiple loudspeakers, mounted in their enclosures (With built-in amplifier, exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1 ∙ <u>CNS 15936 (2016)</u> 2 ∙ <u>CNS 15598-1 (2020)</u> 3 ∙ CNS 15663 (2013) Section 5“Marking of Presence”	8518.22.00.00.3	RPC Scheme (Modules II+III) or TABI Scheme
3	Other audio-frequency electric amplifiers (exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1 ∙ <u>CNS 15936 (2016)</u> 2 ∙ <u>CNS 15598-1 (2020)</u> 3 ∙ CNS 15663 (2013) Section 5“Marking of Presence”	8518.40.90.00.2	RPC Scheme (Modules II+III) or TABI Scheme
4	Other electric sound amplifier sets(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1 ∙ <u>CNS 15936 (2016)</u> 2 ∙ <u>CNS 15598-1 (2020)</u> 3 ∙ CNS 15663 (2013) Section 5“Marking of Presence”	8518.50.90.00.9	RPC Scheme (Modules II+III) or TABI Scheme
5	Record-players operated by coins, banknotes, bank cards, tokens or by other means of payment(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”	8519.20.10.00.2	RPC Scheme (Modules II+III) or TABI Scheme

6	Magnetic audio disc player operated by coins, banknotes, bank cards, tokens or by other means of payment(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8519.20.20.00.0	RPC Scheme (Modules II+III) or TABI Scheme
7	Other sound recording or reproducing apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8519.20.90.00.5	RPC Scheme (Modules II+III) or TABI Scheme
8	Sound recording or reproducing apparatus for using magnetic, optical or semiconductor media(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8519.81.00.00.0	RPC Scheme (Modules II+III) or TABI Scheme
9	Other sound recording or reproducing apparatus(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、CNS 15936 (2016) 2、CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8519.89.00.00.2	RPC Scheme (Modules II+III) or TABI Scheme
10	Other radio-broadcast receivers capable of operating without an external source of power, combines with sound recording or reproducing apparatus(exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.13.00.00.3	RPC Scheme (Modules II+III) or TABI Scheme
11	Other video recording or reproducing apparatus (exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.19.00.00.7	RPC Scheme (Modules II+III) or TABI Scheme

12	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, combined with sound recording or reproducing apparatus capable of receiving and decoding digital radio data system signals(exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.21.10.00.1	RPC Scheme (Modules II+III) or TABI Scheme
13	Other radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, combined with sound recording or reproducing apparatus(exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.21.90.00.4	RPC Scheme (Modules II+III) or TABI Scheme
14	Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, not combined with sound recording or reproducing apparatus(exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.29.00.00.5	RPC Scheme (Modules II+III) or TABI Scheme
15	Other radio-broadcast receivers combined with sound recording or reproducing apparatus(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.91.00.00.8	RPC Scheme (Modules II+III) or TABI Scheme
16	Other radio-broadcast receivers, not combined with sound recording or reproducing apparatus but combined with a clock(exclusive of those medical devices , telecommunications terminal equipment)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.92.00.00.7	RPC Scheme (Modules II+III) or TABI Scheme
17	Other radio-broadcast receivers(exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 CNS 15936 (2016) 2、 CNS 15598-1 (2020) 3、CNS 15663 (2013) Section 5“Marking of Presence”	8527.99.00.00.0	RPC Scheme (Modules II+III) or TABI Scheme

18	Turntables (record-decks) (exclusive of those medical devices , telecommunications terminal equipment or HI-END audio)	1、 <u>CNS 15936 (2016)</u> 2、 <u>CNS 15598-1 (2020)</u> 3、CNS 15663 (2013) Section 5“Marking of Presence”	8519.30.00.00.2	Declaration of Conformity
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Description of the three 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 testing report from the BSMI-designated laboratories, 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 2025.

2. The column of import regulation codes 8519.20.10.00.2、8527.13.00.00.3、8527.19.00.00.7、8527.21.10.00.1、8527.21.90.00.4、8527.29.00.00.5、8527.92.00.00.7 will be changed to C02 since the announcement date.
3. The inspection standard CNS 15598-1:2020 is applicable for the product with AC power, rechargeable lithium batteries, or additional power conversion devices.
4. For the listed products use button-type batteries to provide power, they shall comply with the relevant provisions of the CNS 15598-1:2020 standard for button-type batteries.
5. The listed products with personal myuusic players features must comply with section 10.6 of CNS 15598-1:2020.
6. The listed products with electronic displays features must comply with the provisions of section 7.2 of CNS 15598-1:2020.
7. For the requirement of Section 5 “Marking of presence” of CNS 15663:2013, 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.
8. The Commodity Inspection Mark:

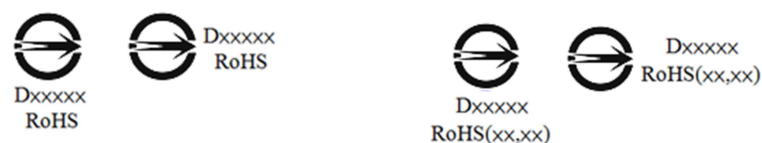
- (1) The Commodity Inspection Mark shall be printed by the certificate holders. The identification number of the Commodity Inspection Mark consists of “Letter (R or T),” “Designated Code (five digits)” and the presence conditions of the restricted substance (e.g., RoHS or RoHS (XX,XX)).
- (2) The identification 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) For TABI scheme, the examples of the Commodity Inspection Mark are listed below:



- (7) “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⁺⁶, 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⁺⁶, PBB): indicates that the Cd, Cr⁺⁶, and PBB percentage content in certain parts of the commodity exceed the reference percentage value of presence condition respectively.
9. 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.
 10. 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.
 11. Commodities with combined features or multifunctional products shall comply with the respective inspection standards.
 12. The medical equipment described in the table indicates the medical equipment regulated under the Medical Devices Act.
 13. The telecommunications terminal equipment mentioned in the table is the telecommunications terminal equipment regulated under in the Telecommunications Management Act.
 14. 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: Electric pencil sharpener, Model : XXX(*)						
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr ⁺⁶)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Circuit board	Exceeding 0.1 wt %	○	○	○	○	○
Control panel	○	○	○	○	○	○
Power switch	—	Exceeding 0.1 wt %	○	○	○	○
Power cord	○	○	○	○	○	○
Shell	○	○	Exceeding 0.01 wt %	○	○	Exceeding 0.1 wt %
<p>Note 1: “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>Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>Note 3: 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: Electric pencil sharpener, Model : YYY(*)						
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr ⁺⁶)	Polybrominate d biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Electric board	○	○	○	○	○	○
Control panel	○	○	○	○	○	○
Power switch	—	○	○	○	○	○
Power cable	○	○	○	○	○	○
Shell	○	○	○	○	○	○
<p>Note 1: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>Note 2: 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.