

Proposal for extension of inspection scope of network media players and projectors and requiring marking of presence conditions of restricted substances

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

Introduction:

Wired network media players and internal projectors are subject to mandatory inspection before they are allowed to be placed on TPKM market. Nowadays, wireless network media players and external projectors are widely used. In order to enhance consumer protection, the BSMI intends to regulate the EMC and safety requirements for wireless network media players and external projectors. These products will be subject to a dual-track approach of conformity assessment procedures, namely Registration of Product Certification (RPC) or Type-approved Batch Inspection (TABI).

In addition, in order to encourage industries to reduce the using of restricted chemical substances in electrical and electronic equipments and to control the restricted chemical substances in each stage of the supply chain and life cycle, also to promote the awareness of consumers on effective utilization of resources and reduction of environmental burden, the BSMI proposes the requirement for manufacturers or importers mark "the presence conditions of restricted substances" (i.e. Marking of Presence) on the body, packages, stickers, or the instruction books of network media players and projectors in accordance with Section 5 "Marking of Presence" of CNS 15663.

Proposed date of implementation:

1 May 2017.

Table of the commodities (HS/CCCN codes) covered and their applicable inspection standards:

Description of Goods	Inspection Standards	C.C.C. Code (the first 6 digits are the same as HS Code) (for reference)	Conformity Assessment Procedures
Network media players	● CNS 13439 (2004.9) CNS 14408 (2004.10) or CNS 13438 (2006.6) CNS 14336-1 (2010.10)	8528.71.20.00-7A 8528.71.20.00-7C 8528.71.91.00-1	RPC Scheme ¹ (Module II + IV or II+V or II+VII) or TABI Scheme ²
Projectors	● Section 5 "Marking of presence" of CNS 15663 (2013.7)	8528.61.00.00-3 8528.69.10.00-3A 8528.69.10.00-3B 8528.69.20.00-1	

Note:

1. Registration of Product Certification (RPC) Scheme (Module II+IV or II+V or II+VII)

Under this scheme, domestic manufacturers or importers must have their products type-tested in advance (Module II) by the BSMI or BSMI-recognized testing laboratories before applying for registration of their products. In addition, the quality management systems of the production premises must be in conformity with Module IV (full quality assurance), Module V (production quality assurance) or Module VII (factory inspection). For Module IV and Module V, they are required to get certification in accordance with the CNS 12680 (ISO 9000) series of standards. As for Module VII, it is required to obtain a factory inspection report issued by the BSMI or BSMI-recognized factory inspection bodies. A declaration of conformity is also required to ensure the quality of the mass-produced commodities are in conformity with that shown in the type-test report.

Products will be allowed to use the Commodity Inspection Mark with the letter 'R' and the identification number given by the BSMI, after they are certified and registered with the BSMI. These products can then pass through customs directly without any further inspection if they are not sampled by RPC border check procedure. The application fee and annual fee for RPC are both NT\$5,000 (about US\$170) for each certification, and the RPC certificates are valid for three years. If there are any serial products, an extra NT\$3,000 (about US\$102) of application fee is needed for every application in each certification.

The fees for type testing vary by products and depend on the fee schedule of the testing laboratories.



2. Type-Approved Batch Inspection (TABI) Scheme

Under this scheme, manufacturers or importers shall have their products type-tested by the BSMI or BSMI-recognized testing laboratories, and then file an application for type approval with the BSMI or its branches.

After manufacturers or importers have obtained a type-approval certificate, they are still required to file an application for batch inspection with the BSMI each time before their products arrive at the port of entry. The BSMI will then perform inspection with simplified procedures. Additional samples may be required for further testing if it is deemed necessary. Products will be allowed to use the Commodity Inspection Mark with the letter 'T' and the identification number given by the BSMI, after they have passed the inspection. The application fee for a type approval is NT\$3,500, and a type approval certificate is generally valid for three years.

The fees for type testing vary by products and depend on the fee schedule of the testing laboratories.

3. Further information about the two schemes is also available on the BSMI web site at <http://www.bsmi.gov.tw/wSite/ct?xItem=8673&ctNode=811&mp=2>.

Related requirements:

1. Starting from May 1, 2017, wireless network media players and external projectors are required to be subject to mandatory inspection.
2. In addition to the requirements for EMC and safety, all network media players and projectors shall mark the presence conditions of restricted substances on the body, packages, stickers or the instruction books of the product in accordance with Section 5 of CNS 15663. For those who utilize website as a means to announce "the presence conditions of the restricted substance," the website address shall be clearly stated on the body, packages, stickers or the instruction books of the product.
3. Certificates:
 - (1) Although the proposed date of entry into force of this measure is 1 May 2017, applications can be made against the new requirements upon publication of this measure before its effective date. The validity period of certificate is 3 years, except for the following situations for wired network media players and internal projectors:
 - a. Where a new application is made before 1 May 2017 without referring to Section 5 "Marking of presence" of CNS 15663, the expiry date will be 30 April 2017;
 - b. Where an application is made for extension of the certificate without referring to Section 5 "Marking of presence" of CNS 15663, the expiry date will be 30 April 2017;
 - c. Where an application is made for replacement of the certificate by referring to Section 5 "Marking of presence" of CNS 15663, the expiry date of the replaced certificate will be the same as that of the original certificate and the following documents shall be presented:
 - location of the marking of presence;
 - sample of the marking of presence (see Tables 1 and 2);;
 - "Declaration of the Presence Condition of the Restricted Substances Marking" and the inspection scheme documents to apply for certificate(s).
 - (2) For wireless network media players and external projectors, where the application is made and the certificate issued prior to entry into force of this measure, the validity period of the certificate will be from 1 May 2017 to 30 April 2020.
 - (3) The certificates will be rescinded if the scope does not cover the amended requirements after 1 May 2017.
4. The applicable Inspection Schemes, applicable conformity assessment modules of Registration of Product Certification (RPC), the term of validity of certificates, inspection fees of the commodities remain unchanged.
5. 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 "The Letter(R or T)", "Designated Code (5 digits)" and "the presence conditions of the restricted substance" (e.g., RoHS or RoHS(XX,XX)).
 - (2) The identification number shall be placed to the below or 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.

(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” of the identification number: indicating that “the content of restricted substance(s) other than exemption” of the commodities does not exceed the reference percentage value of presence condition.

“RoHS(XX,XX)” of the identification number: indicating that “the content of restricted substance(s) (element XX, element XX, ...) other than exemption” of the commodities exceeds the reference percentage value of presence condition.

The restricted substances: indicating Pb, Cd, Hg, Cr⁺⁶, PBB, PBDE.

Examples:

- RoHS (Pb): indicating that the Pb percentage content in certain parts of the commodity exceeds the reference percentage value of presence condition.
- RoHS (Cd,Cr⁺⁶,PBB): indicating that the Cd, Cr⁺⁶, and PBB percentage content in certain parts of the commodity exceed the reference percentage value of presence condition respectively.

Table 1. Example of marking for the presence conditions of the restricted substance exceeds the reference percentage value of presence conditions

Equipment name: Network media player, Type designation: 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)
Printed circuit board	Exceeding 0.1 wt %	○	○	○	○	○
Cabinet	○	○	Exceeding 0.01 wt %	○	○	Exceeding 0.1 wt %
Control panel	-	○	○	○	○	○
Speaker	○	○	○	Exceeding 0.1 wt %	○	○
Accessory (example: remote controller)	-	○	○	○	○	○
<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 marking for the content of restricted substance other than exemption does not exceed the reference percentage value of presence condition

Equipment name: Network media player, Type designation: YYY						
Unit	Restricted substances and its chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr ⁺⁶)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed circuit board	○	○	○	○	○	○
Cabinet	○	○	○	○	○	○
Control panel	-	○	○	○	○	○
Speaker	○	○	○	○	○	○
Accessory (example: remote controller)	-	○	○	○	○	○
Note 1: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence. Note 2: The “-” indicates that the restricted substance corresponds to the exemption.						

限用物質含有情況標示聲明書

Declaration of the Presence Condition of the Restricted Substances Marking

證書號碼／受理編號：(No.)

Certificate No./Application No.

商品標籤及商品檢驗標識：(Picture)

Product Label and Commodity Inspection Mark.

樣張及其標示位置：(Description and Picture)

Sample and its location

設備名稱： Equipment name		，型號（型式）： Type designation (Type)				
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)

備考1. “超出0.1 wt %”及“超出0.01 wt %”係指限用物質之百分比含量超出百分比含量基準值。
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.

備考2. “○”係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. “—”係指該項限用物質為排除項目。
Note 3: The “—” indicates that the restricted substance corresponds to the exemption.

茲切結保證所提供之商品限用物質含有情況標示內容係經執行測試

作業或採適當之品質管理措施，並備置前述相關文件，確認正確無誤

後提供貴局。並同意配合貴局執行後市場管理作業所需，依商品檢驗

法第49條之規定，於限期28個工作天內提供相關證明文件以供審查。

I hereby ensure that “the presence conditions of the restricted substance” provided above have been proved by testing or appropriate quality control measures, and make sure the relevant documents provided are correct and ready. Also, I agree to cooperate with BSMI, as the Article 49 of the Commodity Inspection Act stipulates, to provide the relevant documents, if needed, for verification within 28 working days when BSMI carries out the market surveillance activities.

此致 to

經濟部標準檢驗局 The Bureau of Standards, Metrology and Inspection

申請人：

Applicant

負責人：

Person in charge

(簽章)

(Signature)

中 華 民 國

年

月

日

DATE

(year)

(month)

(day)

10450025011-2_313150000GU300000_0.pdf第7頁，共11頁



商品標籤
Product Label

視各廠牌商品而定
Depends on the merchandise case



商品檢驗標識
Commodity Inspection Mark



樣張標示位置

The location of sample of the marking

圖示 1

Picture 1

圖示 2

Picture 2

