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Regulatory Update

Taiwan BSMI (Bureau of Standards, Metrology and Inspection) – update to inspection requirements in accordance with standard CNS 15663 - *Guide to reduction of restricted chemical substances in electrical and electronic equipment*

The Taiwanese Bureau of Standards, Metrology and Inspection (BSMI) have introduced updated inspection requirements in accordance with standard CNS 15633 Section 5 (Marking of presence), and in relation to restricted chemical substances in electrical and electronic equipment.

These new inspection requirements have come into effect on 29th December 2015 and will affect the marking requirements of already-Approved devices and new devices of the below product categories:

Description of Goods	C.C.C. Code		Applicable BSMI Conformity Assessment scheme
Automatic data processing machines	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 (Module II+III) or TABI Scheme
Printers	8443.31.00.00-2A 8443.32.00.00-1A	8443.39.00.90-5	RPC Scheme (Module II+III) or TABI Scheme
Photo-copying machines	8443.31.00.00-2B 8443.32.00.00-1B	8443.39.00.90-5	RPC Scheme (Module II+III) or TABI Scheme
Televisions	8528.72.00.00-0	8528.73.00.00-9	RPC Scheme (Module II + IV or II+V or II+VII) or TABI Scheme
Monitors	8528.59.10.00-5 8528.49.10.00-8 8528.49.20.00-6	8528.59.20.00-3	RPC Scheme (Module II + IV or II+V or II+VII) or TABI Scheme
Monitors used in an automatic data processing	8528.51.00.00-5	8528.41.00.00-8	RPC Scheme (Module II+III) or TABI Scheme

Network Multimedia Player	8528.71.20.00-7A 8528.71.20.00-7C	8528.71.91.00-1	RPC Scheme (Module II + IV or II+V or II+VII) or TABI Scheme
Projecting Camera	8528.61.00.00-3 8528.69.10.00-3A	8528.69.10.00-3B 8528.69.20.00-1	RPC Scheme (Module II+III) or TABI Scheme

Applicable standards and inspection requirements for all of the above product categories remain unchanged, but as of 29th December 2015 also include Section 5 (Marking of presence) of standard CNS 15663 (2013.7).

Please see below a summary of changes as a result of this change:

1. The presence of restricted chemical substances must be clearly marked on the body, package, sticker, or the instruction book of product
2. If the presence of restricted chemical substances is indicated online, the relevant link must be located on the body, package, sticker, or the instruction book of product
3. The compliance standards listed in BSMI certificates shall now include CNS 15663 Section 5.
4. Updated labelling requirements have been introduced (please refer to next page)

BSMI have, advised that there *will* be a transition period until 30th June 2017 whereby the former inspection requirements in place before 29th December 2015 will remain valid, i.e. Section 5 (Marking of presence) requirements can be omitted.

Moving forward, manufacturers must ensure that all certificates issued in accordance with the original inspection standards (i.e. without Section 5 “Marking of presence” of CNS 15663) are updated in accordance with the new requirements by 30th June 2017. This can be done through a paperwork only process, and expiry dates for existing certificates which are updated will remain unchanged.

Changes to the Commodity Inspection Mark:

The current Commodity Mark consists of the BSMI logo, the letter R or T to determine the conformity scheme followed, and a 5 digit designation code. E.g.:



R3A001

The new marking requirements will follow the same guidelines as above, but with the below additions:

- a) The Commodity Inspection Mark shall also contain “RoHS” or “RoHS(XX,XX)” which will refer to the presence conditions of the restricted substance.
 - “RoHS” indicates 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)” indicates 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 indicated by XX are Pb, Cd, Hg, Cr+6, PBB, PBDE.

- b) The identification number shall still 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.

Example marking for products Approved under RPC scheme:



Example marking for products Approved under TABI (Type Approval Batch Inspection) scheme



The size requirements of the Mark remain the same, and can be applied proportionally on a prominent location of the commodities.

Please see attached a detailed explanation regarding the Commodity Inspection Mark and example tables on how the marking for presence conditions of the restricted substance is derived.

The applicable Inspection Schemes, applicable conformity assessment modules of Registration of Product Certification (RPC), the term of validity of certificates, and Approval fees remain unchanged.

For additional information on this article please contact

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Product Label

商品名稱：32吋LED液晶平面電視
商品型號：XD-58588
額定電壓及額定頻率：240V~100Hz
總額定消耗電功率：270W
製造年份：101年製
製造號碼：○○○
生產國別：台灣



於商品
本體上標示

Depends on the merchandise case

Commodity Inspection Mark



R30001

RoHS (Pb, Cd, Cr⁺⁺, PBDE)

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

Equipment name: Television receiver, Type designation: XXX						
Restricted substances and its chemical symbols						
Unit	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 0.1 wt %	○	○	Exceeding 0.1 wt %
Glass 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: Television receiver, Type designation: YYY						
Restricted substances and its chemical symbols						
Unit	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr+6)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Unit	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr+6)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed circuit board	○	○	○	○	○	○
Cabinet	○	○	○	○	○	○
Glass panel	-	○	○	○	○	○
Speaker	○	○	○	○	○	○
Accessory (example: remote controller)	-	○	○	○	○	○
<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>						