

# **Proposal for Legal Inspection of Calcium Silicate Board (type c), Fiber Reinforced Cement sidings and regenerated fiber cement boards**

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

## **Background:**

In order to protect the safety of people, BSMI has implemented an inspection regime for fire-retardant building materials since 1995. The inspection items include incombustibility and so on. In consideration of the amendment of Chinese National Standards and the integrity of inspection commodities, BSMI intends to regulate the safety and physical performance of the calcium silicate board (type c), fiber reinforced cement sidings, 0.8 and 1.0 regenerated fiber cement boards.

## **Proposed date of implementation:**

- 1 Jan 2014

## **Products (HS/CCCN codes) covered:**

- HS/CCCN 6811.82.00.00.8B      Other sheets, panels, tiles and similar articles of cellulose fibre-cement or the like (inspection scope: 0.2 and 0.5 calcium silicate board 【type c】 whose thickness is over than 12mm; 0.8 calcium silicate board 【type a】 whose thickness is over than 5mm; 1.0 calcium silicate board 【type a】 whose thickness is over than 4mm).
- HS/CCCN 6811.82.00.00.8G      Other sheets, panels, tiles and similar articles of cellulose fibre-cement or the like (inspection scope: D type of fiber reinforced cement sidings whose thickness is over than 14mm)
- HS/CCCN 6811.82.00.00.8F      Other sheets, panels, tiles and similar articles of cellulose fibre-cement or the like (inspection scope: regenerated fiber cement boards whose thickness is over than 4mm)

## **Inspection standards:**

- CNS 13777 , CNS 11699 or CNS 14890

## **Inspection items:**

- calcium silicate board : incombustibility, bending strength and labeling
- fiber reinforced cement sidings, 0.8 and 1.0 regenerated fiber cement boards : incombustibility, breaking load at bending, impact resistance and labeling.

## **Conformity assessment procedures:**

Monitoring Inspection or Registration of Product Certification (RPC) Scheme (Module II + IV, V or VII)

- **Monitoring Inspection**

Further information on the procedure is available on the BSMI web site at <http://www.bsmi.gov.tw/wSite/ct?xItem=4460&ctNode=811&mp=2>

- **Registration of Product Certification (RPC) Scheme**

Under this procedure, manufacturers must have their products type-tested by designated testing laboratories recognized by the BSMI (Module II) before applying for registration of their products. Manufacturers or importers will also be required to ensure by declaration that all products made at their manufacturing facilities are in conformity with the prototypes submitted for type testing in Module II.

For Module IV or V, manufacturers may establish a quality system complying with the requirements of ISO 9001 and obtain ISO 9001 certificates from the BSMI or certification bodies recognized by the BSMI.

For Modules VII, manufacturers may establish a quality system that complies with the requirements stipulated by the BSMI and obtain a factory inspection report issued by the BSMI or inspection bodies recognized by the BSMI.

Products will be allowed to use the Commodity Inspection Mark, 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. The application fee and annual fee for RPC is NT\$5,000 for each type of product, and a RPC certificate is valid for three years.

Further information on this procedure is also available on the BSMI web site at <http://www.bsmi.gov.tw/wSite/ct?xItem=4452&ctNode=811&mp=2>

**Locations to apply for Monitoring Inspection or Registration of Product Certification:**

- The BSMI or its branches.

**Locations to apply for Type Testing:**

- The BSMI or its branches or designated testing laboratories recognized by the BSMI

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

- Fourteen working days. (This does not include the time for corrective actions by the applicant due to deficiencies in the documents or samples; another 7 days may be required if additional tests are required)

**Rate for Monitoring Inspection:**

- 3‰ of CIF