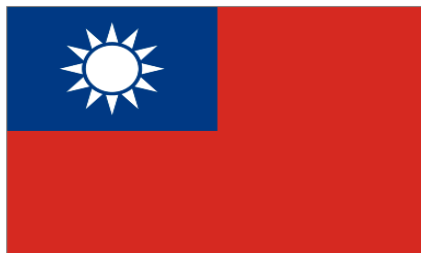


Market Access To Taiwan

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- Taiwan BSMI mark
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General Introduction

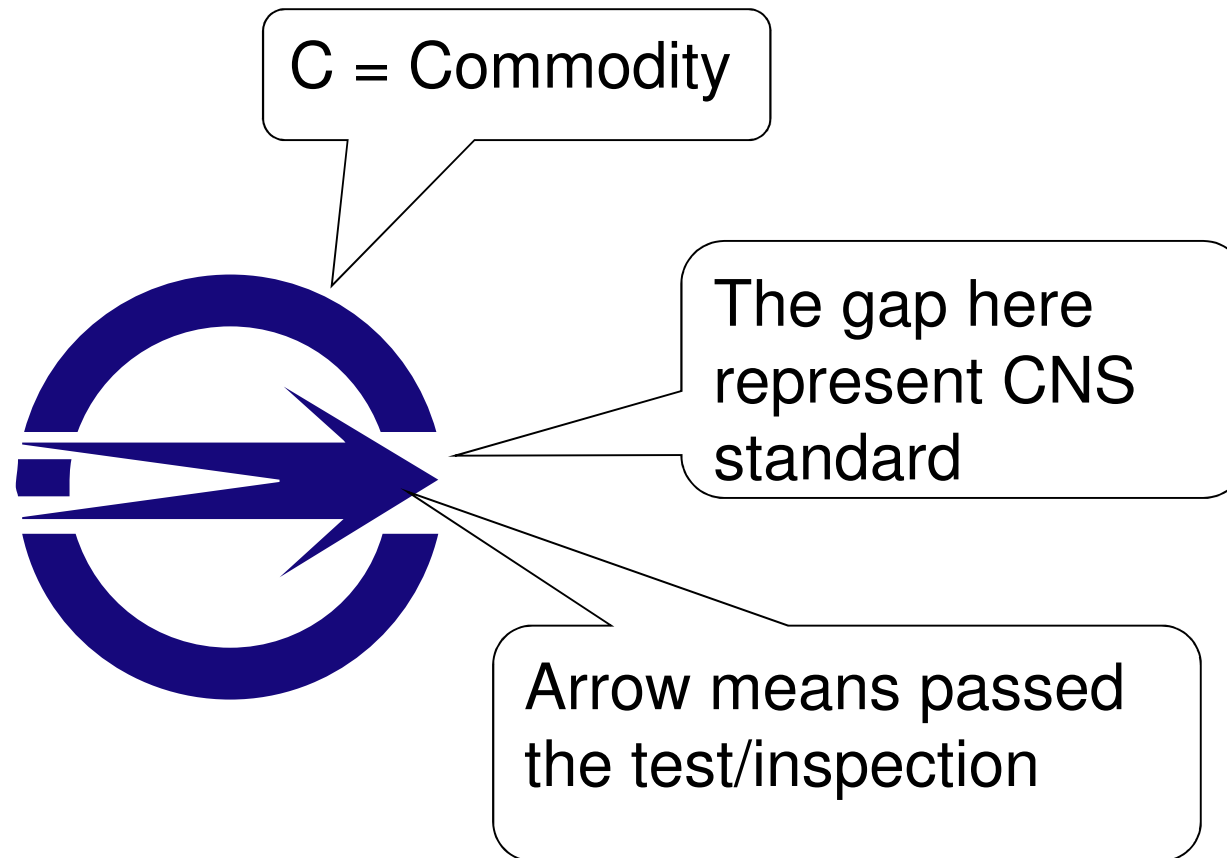


The Bureau of Standards, Metrology and Inspection (BSMI) under the Ministry of Economic Affairs is the authority responsible for standardization, metrology and product inspection in Taiwan.

Inspection of Electrical and Electronic (EE) commodities is conducted according to three Schemes, namely: batch-by-batch inspection, registration of product certification (RPC), and declaration of conformity (DoC).



BSMI Conformity Logo



Approval Scheme

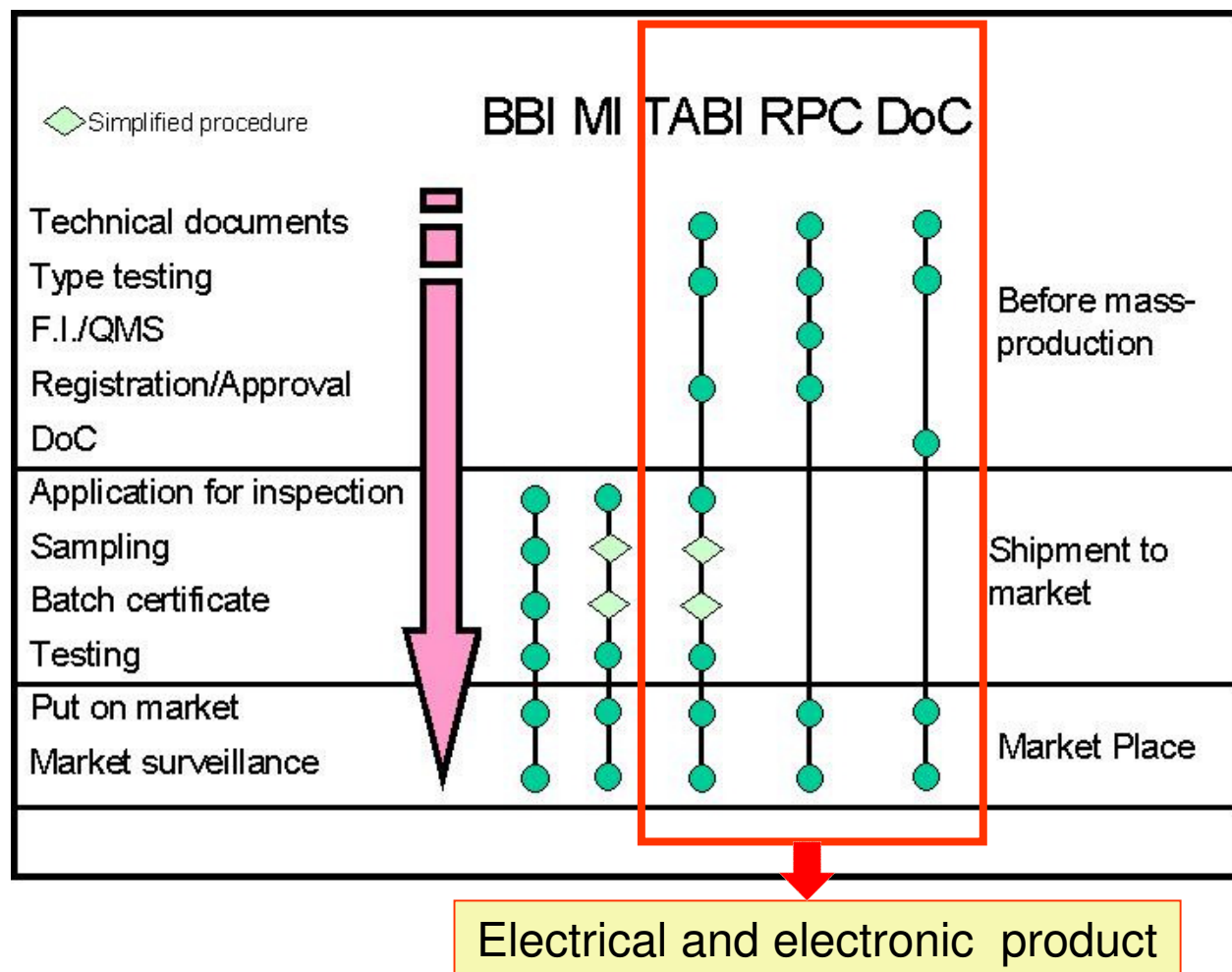
There are 5 different types of schemes covering a range of products in the BSMI certification system.

- BBI** **Batch-by-Batch Inspection**
- RPC** **Registration of Product certification**
- DoC** **Declaration of Conformity**
- TABI** **Type-approved Batch Inspection**
- MI** **Monitoring Inspection**

The voltage used in Taiwan is AC 110V or 220V/60Hz. The license holder must be a Taiwanese local importer. The model no. must be fixed, BSMI don't accept model name as ABCXXX, XXX=0-9...etc.)

The certificate is valid for 3 years and one certificate can re-new once.

Approval Scheme



Approval Scheme – For electrical and electronic product

Registration of Product Certification (RPC) (驗證登錄)	Type Approval (TA) (型式認可)	DoC (自我宣告)
 RXXXXX	 TXXXXX	 DXXXXX

Application modules of RPC

Measures governing registration of product certification: 7 conformity assessment procedures, including:

- Module I (internal control module)
- Module II (type test module)
- Module III (declaration of conformity to type module)
- Module IV (full quality management system module)
- Module V (production quality management module)
- Module VI (product quality management module)
- Module VII (factory inspection module)

Regulatory product list

	C.C.C. CODE	品 名	Description of Goods	EMC and SAFETY (Inspection Standards)	Date of effect
1	8471.30.00.00-8	攜帶式自動資料處理機，其重量不超過10公斤並至少包含有一中央處理單元，一鍵盤及一顯示器者	Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	CNS 13438 (95年完整版) CNS 14336-1 (限檢驗使用交流電源及附加電源轉換裝置提供電源者)	1998/1/1 2005/7/1 2009/1/1

- **Safety testing**: can be performed by BSMI or designated testing lab, limited to ROC government organization, **domestic** college/university or higher level, **domestic** non-profit juristic person. Categorized as electrical/electronic, mechanical and chemical lab. Currently 47 ITE/UPS and 5 AV product safety testing opened to **domestic** third party lab. Our Taichung Office has been accredited as one of them.
- **EMC testing**: can be performed by BSMI or designated EMC test lab which opened to any lab in **domestic or overseas**

Testing location

	ITE	AV	HOU
Safety			
Designated non profit lab with CNLA accreditation in Taiwan	➡	➡ 1)	➡
Designated 3rd party lab with CNLA accreditation in Taiwan	➡	➡ 2)	
Recognized NCB/CBTL through local designated lab 3)	➡	➡	
Non recognized NCB / CBTL	New testing required		
EMC			
Designated lab with CNLA accreditation in Taiwan	➡	➡	➡
Designated Lab with national accreditation in countries where an MoU with TWN exists (like USA, JPN, CAN, AUS)	➡		

- 1) Only applicable for switching power supplies and linear adapter
- 2) Only applicable for new special items as SPS, linear adapter, HDTV, DVD player and recorder, digital camera, digital video camera
- 3) BSMI registered NCB/CBTL : TRJ (CBTL: TRJ Osaka, TRJ Yokohama, TR Taiwan, TR Korea, TRHK), TRNA (TRNA Newtown, TRNA Pleasanton). Domestic designated ITE/UPS safety lab could accept IEC 60950 (ed. 3) or IEC 60950-1 (ed. 1) before 2006-6-30 for generating CNS 14336 Chinese report. After 2006-7-1, IEC 60950 (ed. 3) is no longer accepted.

Requirement of BSMI test report

- **Safety**

1. The Safety report should be issued by BSMI designated lab. Please check the safety lab list in BSMI website.
2. If the application is base on CB report, the NCB & CBTL shall be designated by BSMI, check the NCB/CBTL list in BSMI website.

- **EMC**

1. The EM report should be issued by BSMI designated EMI lab. Please check the EMI lab list on BSMI website.
2. Designated Lab with national accreditation in countries where an MoU with TWN exists (like USA, JPN, CAN, AUS)

<http://www.bsmi.gov.tw/wSite/ct?xItem=8673&ctNode=811&mp=2>

(**note: the BSMI accredited lab list will update by time**)

Products based on CB

1. I.T.E equipment (IEC60950-1)

Most of the I.T.E equipment can prepare BSMI report based on CB, except for **GPS** or LCD Monitor with following I/O ports : DVI or HDMI or Display port.

2. Audio/Video equipment (IEC60065)

Applicable for power supply only.

3. UPS IEC 62040-1-1/ IEC 62040-1-2

Note : Above products do not need factory inspection.

Document Requirement

- Application letter
- Taiwan local importer information (Company name/Address/Contact person/Telephone no./Email address...etc.)
- CB certificate + CB report
- Product photo: Outsides (top / bottom / sides), Inside, both side of PCB, close-up pictures of Input/Output ports of EUT (if applicable) (The photo shall be including the ruler)
- Circuit diagram, PCB layout, block diagram (drawing to show product's each connected functional block with working frequency)
- Critical component list in word file
- Licenses / Specification of critical component list
- Traditional Chinese user's manual (including all models)
- Traditional Chinese rating label (with BSMI mark and applicant ID)
- BSM certificate for Power supply cord set
- BSMI certificate for Power supply
- BSMI Application form (filled in Chinese) (will be prepared by TÜVR Taiwan)

Sample requirement

- **Safety:**
 1. No sample requirement for CB-based application
 2. Minimum 5 samples for new application with testing
 3. Minimum 1 sample for CNS 690 Plug dimension measurement (for direct plug-in equipment only)
- **EMI: 1 sample**
- **Power cord set testing: minimum 5 sets**

Label requirement

Below information shall be provided for BSMI approval

- Model name
- Product name
- Input / Output Rating
(Voltage / Frequency / Current)
- BSMI mark with ID
- Caution (if any)
- Class II symbol (for class II only)
- The word “輸入” / “輸出” (for power supply only)

Below information shall be provided before marketing

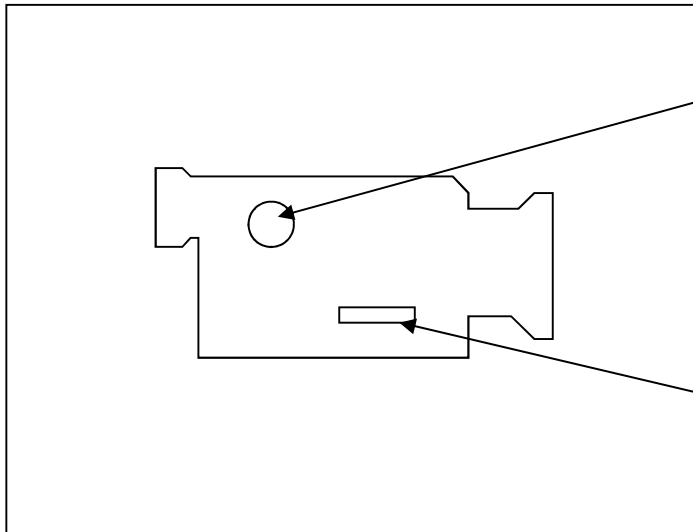
- The country of manufacture
- The date of manufacture date or code

The language on label shall be in Traditional Chinese

Label requirement

Identify the location of marketing label as well as the cautions (for Class A product)

Class A product
EUT Photo



DXXXXX

警告使用者
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Project turn-around time

- **Handling for CB-based application (ITE)**

Preparation, converting test report, reviewing documents, forwarding to BSMI
Total: 2 weeks (base on all document / open items was received / closed)

- **Testing**

Safety testing & report: 5-6 weeks (Home appliances), 4 weeks (ITE, A/V)
EMC testing & report: 2 weeks

For non-detachable/detachable power set tested with the unit : 4 weeks
Plug part testing: 7 working days

- **Certification process by BSMI**

BSMI Certification for RPC or TA: 15 working days for CB-base application, 28 working days for others

News Update

Form 2014-03-01, following product will be mandatory in Taiwan market.

Product Name	Testing standard	CCC code (Reference)
Secondary Li-ion battery cell / pack (other than button) used for 3C product	CNS 15364 (99 version)	8507.80.00.10.3 8507.80.00.90.6
Secondary Li-ion power bank used for 3C product	CNS 15364 (99 version) + CNS 14336-1 (99 version) + CNS 13438 (95 version)	8504.40.20.00.3 8504.40.91.00.7 8504.40.94.00.4 8504.40.99.90.9 8507.80.00.10.3 8507.80.00.90.6
Battery charger used for 3C product	CNS 14336-1 (99 version) + CNS 13438 (95 version)	8504.40.20.00.3 8504.40.91.00.7 8504.40.94.00.4 8504.40.99.90.0

One-Stop Services

TÜV Rheinland's accreditation

- Audited by Taiwan Accreditation Foundation (TAF), TÜV Rheinland Taiwan has received accreditation in scope of **factory-inspection** work. TÜV Rheinland Taiwan is the first private company able and permitted to conduct factory-inspection according to conformity-assessment procedure Module VII under Taiwan's Registration of Product Certification (RPC) scheme of the Commodity Inspection Act for information-technology equipment, audio and video products, and household appliances.
- TÜV Rheinland Taiwan is aiming to be testing, inspection and certification body under the Commodity Inspection Act. TÜV Rheinland Taiwan has been recognized by BSMI as a Designated ITE/UPS/AV Safety Testing Laboratory, Registered CBTL, Recognized Factory Inspection Body, and Recognized Quality Management Systems Certification Body (QMS CB). TÜV Rheinland's testing, inspection, and certification services is your best choice for domestic sales or exports to Taiwan.

Contact Info.

**Thank you for your
participating!!!**

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