

Proposal for Safety Inspection Regulations of Information Technology Equipment

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

Background:

Most Information Technology (IT) equipment has already been subject to EMC requirements since 1998 in Taiwan to protect consumers from hazards that may result from EMC problems. Along with the prevalence of IT equipment in day-to-day uses for various purposes in recent years, demands for IT equipment to meet safety requirements were presented to ensure adequate protection of consumers. The BSMI, after having consulted with interested parties, intends to regulate the safety requirements for IT equipment.

The notice covers a total of 45 items of IT equipment, 18 items will be subject to Declaration of Conformity scheme and 25 will be subject to a dual-track approach to conformity assessment procedures, namely Registration of Product Certification or Type-approved Batch Inspection. The rest 2 items, being static converters for automatic data processing machine and switching power supplies, are subject to Registration of Product Certification (a change of the EMC conformity assessment procedure for these two items from currently Declaration of Conformity to Registration of Product Certification is also proposed as a result of a review of the effectiveness the conformity assessment procedure applied).

The conformity assessment procedures for the inspection schemes are as follows:

1. Registration of Product Certification (RPC) Scheme

Under this procedure, manufacturers must have their products type-tested by the BSMI or 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 (Module III).

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 an RPC certificate is valid for three years.

2. Type Approved Batch Inspection (TABI) Scheme

Under this procedure, the manufacturer or importer shall have their products type-tested by the BSMI or designated testing laboratories recognized by the BSMI, and then file an application for Type Approval with the BSMI, in Taipei or at branch offices, depending on where the manufacturer or importer is located.

After manufacturers or importers obtain type-approval certificates, they are required to file an application for inspection with the BSMI before their products are to be released from the production premises or arrive at the port of entry. The BSMI will then review the application and accompanying documents according to simplified procedures, and additional samples may be required for further testing. The fees for type testing vary by product and depend on the testing laboratory. The fee for a Type Approval is NT\$3,500, and a Type Approval certificate is valid for three years.

3. Declaration of Conformity (DoC) Scheme

The manufacturer or importer has first to register with the BSMI and obtain an identification number before applying the DoC procedure. The manufacturer must sign a declaration based on results of tests carried out by designated testing laboratories recognized by the BSMI and declare that the products comply with the relevant inspection standards. In addition, the manufacturer needs to prepare a technical file containing information about the product and the test reports. The product must be labeled with the Commodity Inspection Mark, the letter "D" and the identification number given by the BSMI. The declaration and technical file should be retained by the manufacturer for at least five years after the product is no longer produced or imported.

Proposed date of implementation:

- July 1, 2005

Products (related inspection scheme, related codes and inspection standards) covered:

- Please see the Appendix and Remarks for details.

Locations to apply for Type Testing:

- The BSMI or designated testing laboratories recognized by the BSMI

Locations to apply for Type Approval or Registration of Product Certification:

- The BSMI or its branches with jurisdiction over the applicant.

Time required for Type Approval or Registration of Product Certification:

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

Locations to apply for Type-approved Batch Inspection:

- The BSMI or its branch of jurisdiction over the applicant.

Rate for Type-approved Batch Inspection:

- 1‰ of CIF according to the Regulations Governing Fees for Commodity Inspection.

Appendix

Part I: Table of Inspection Standards for IT Equipment Subject to Registration of Product Certification Scheme or Type-approved Batch Inspection Scheme (25 items)

C.C.C. Code (the first 6 digits are the same as HS Code)	Description of Goods	EMC Inspection Standards (existing requirements)	Safety Inspection Standards (proposed additional requirements)
8470.40.00.00.7	Accounting machines	CNS 13438	CNS 14336
8470.50.00.00.4	Cash registers	CNS 13438	CNS 14336
8471.10.00.00.2	Analogue or hybrid automatic data processing machines	CNS 13438	CNS 14336
8471.30.00.00.8	Portable digital automatic data processing machines, weighing not more than 10Kg, consisting of at least a keyboard and a display	CNS 13438	CNS 14336
8471.41.00.00.5	Other digital automatic data processing machines, comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	CNS 13438	CNS 14336
8471.49.00.00.7	Other digital automatic data processing machines, presented in the form of system	CNS 13438	CNS 14336
8471.50.00.00.3	Digital processing units other than those of subheadings 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit; storage units, input units, output units	CNS 13438	CNS 14336
8471.60.10.00.9	Terminals	CNS 13438	CNS 14336
8471.60.20.10.5	Dot matrix printer	CNS 13438	CNS 14336
8471.60.20.20.3	Laser printer	CNS 13438	CNS 14336
8471.60.20.30.1	Daisy printer	CNS 13438	CNS 14336
8471.60.20.90.8	Other printer	CNS 13438	CNS 14336
8471.60.30.00.5	Keyboard	CNS 13438	CNS 14336
8471.60.90.10.0	Image scanners	CNS 13438	CNS 14336

8471.60.90.90.3	Other input or output units, whether or not presented with the rest of a system and whether or not containing storage units in the same housing	CNS 13438	CNS 14336
8471.90.10.00.3	Computers controlled by special programs and word processing machines with memory storages	CNS 13438	CNS 14336
8471.90.30.00.9	Magnetic or optical readers	CNS 13438	CNS 14336
8471.90.40.00.7	Data transcribing machines for inputting into data processing machines, such as card punch machines, verifying machines, magnetic tape encoders, etc.	CNS 13438	CNS 14336
8471.90.90.00.6	Other automatic data processing machines of heading No. 8471	CNS 13438	CNS 14336
8472.90.50.00.3	Automatic teller machines	CNS 13438	CNS 14336
8504.40.92.00.6	Other uninterruptible power supply, having a power handling capacity not exceeding 10KVA	CNS 13438 or CNS 14757-2	CNS 14336 or CNS 14843-1 or CNS 14843-2
8504.40.93.00.5	Other uninterruptible power supply	CNS 13438 or CNS 14757-2	CNS 14336 or CNS 14843-1 or CNS 14843-2
8543.89.91.00.2	Electric machines with translation or dictionary functions	CNS 13438	CNS 14336
9017.10.10.00.9	Drafting tables and machines fitted with data processing system, whether or not automatic	CNS 13438	CNS 14336
9017.20.10.00.7	Drafting machines for data processing system	CNS 13438	CNS14336

(Additional remarks are provided at the end of this Appendix.)

Part II: Table of Inspection Standards for IT Equipment Subject to Registration of Product Certification Scheme (2 items)

C.C.C. Code (the first 6 digits are the same as HS Code)	Description of Goods	EMC Inspection Standards (existing requirements)	Safety Inspection Standards (proposed additional requirements)
8504.40.20.00.3	Static converters for automatic data processing machines and units thereof, and telecommunication apparatus	CNS 13438	CNS 14336
8504.40.91.00.7	Other power supply, switching type	CNS 13438	CNS 14336

(Additional remarks are provided at the end of this Appendix.)

Part III: Table of Inspection Standards for IT Equipment Subject to Declaration of Conformity (18 items)

C.C.C. Code (the first 6 digits are the same as HS Code)	Description of Goods	EMC Inspection Standards (existing requirements)	Safety Inspection Standards (proposed additional requirements)
8470.10.10.00.1	Pocket-size data recording, reproducing and displaying machines with calculating functions	CNS 13438	CNS 14336
8470.21.00.00.0	Electronic calculating machines, incorporating a printing device	CNS 13438	CNS 14336
8470.29.00.00.2	Other electronic calculating machines	CNS 13438	CNS 14336
8470.30.00.00.9	Other calculating machines	CNS 13438	CNS 14336
8471.70.10.10.5.A	Hard disc devices (external type)	CNS 13438	CNS 14336
8471.70.10.20.3.A	Soft disc devices (external type)	CNS 13438	CNS 14336
8471.70.10.30.1.A	Optical disc devices (external type)	CNS 13438	CNS 14336
8471.70.10.90.8.A	Other magnetic disc devices (external type)	CNS 13438	CNS 14336
8471.70.90.00.0.A	Other storage units (external type)	CNS 13438	CNS 14336
8471.80.00.00.7	Other units of automatic data processing machines	CNS 13438	CNS 14336
8469.11.00.00.5	Word-processing machines (electronic type)	CNS 13438	CNS 14336
8469.12.00.00.4	Automatic typewriters (electronic type)	CNS 13438	CNS 14336
8469.20.10.00.2	Typewriters, electric (electronic type)	CNS 13438	CNS 14336
8469.20.90.00.5	Other typewriters, electric (electronic type)	CNS 13438	CNS 14336
8469.30.11.00.9	Braille typewriters, weighing not more than 12Kg, excluding case (electronic type)	CNS 13438	CNS 14336
8469.30.19.00.1	Braille typewriters, of a weighing exceeding 12Kg, excluding case (electronic type)	CNS 13438	CNS 14336
8469.30.20.00.8	Typewriters, non-electric, weighing not more than 12Kg, excluding case (electronic type)	CNS 13438	CNS 14336
8469.30.90.00.3	Other typewriters, non-electric	CNS 13438	CNS 14336

(Additional remarks are provided at the end of this Appendix.)

Remarks:

1. The conformity assessment modules for products listed in Part I and II are Module II in combination with Module III, both being carried out in accordance with Article 3 of the Regulations Governing Registration of Product Certification.
2. The term of validity of an RPC certificate or a Type Approval certificate is 3 years. For certificates that are issued prior to the implementation date of this public notice, the term of validity shall be until June 30, 2008.
3. The inspection standards shall be the latest version of standards as of the date this public notice is adopted, except where the applicable version is otherwise designated. When the applicable standard is revised or amended, the date of applying the revised or amended standard shall be decided and announced separately by the BSMI.
4. The Electromagnetic Susceptibility (EMS) requirements of CNS 14757-2 are not applicable with this notice.
5. Products that are granted Type Approval shall bear the Commodity Inspection Mark, the letter "T" and the identification number given to the applicant by the BSMI, after the required inspection procedures are completed.
6. If the product is not designed to use AC electric power and is not accompanied with an AC power adapter, the safety requirements may be exempted.
7. The technical documents required for type testing shall be prescribed by the BSMI.
8. Products having combined functions or multi-functions shall comply with relevant standards.
9. The relevant inspection fees shall be charged in accordance with the Regulations Governing Fees for Commodity Inspection.
10. The fee for type testing shall be charged in accordance with the applicable fee schedule of the testing laboratory.
11. For products having accessories that are subject to inspection, the accessories shall comply with relevant requirements.
12. For safety requirements of the products listed in this notice, the National Certification Body (NCB) under the IECEE CB Scheme may apply to the BSMI for registration for purpose of transferring their CB test certificates or CB test reports to ones that may be accepted by the BSMI.