

Proposal for amendment to the legal inspection requirements for battery chargers for computer, communication and consumer electronics

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

Background:

Up to the present time, battery chargers for computer, communication and consumer electronics are subject to mandatory inspection, and the inspection standards are CNS 14336-1 (2010) or CNS 14408 (2004) for safety, and CNS 13438 (2006) for EMC.

For battery chargers for hand-held motor-operated electric tools under inspection scope of battery chargers for computer, communication and consumer electronics, CNS 3765(2005) and IEC 60335-2-29(2010) for safety and CNS 13738-1(2004) for EMC will be especially introduced and adopted as applicable inspection standards, and this amendment will be effective from the date of publication.

Proposed date of implementation: The date of publication

Products (HS/CCCN codes) covered:

- HS/CCCN 8504.40.20.00.3 Static converters for automatic data processing machine and units thereof, and telecommunication apparatus
- HS/CCCN 8504.40.91.00.7 Other power supply, switching type
- HS/CCCN 8504.40.94.00.4 Other power supply
- HS/CCCN 8504.40.99.90.0 Other static converter

Inspection standards:

1. Battery chargers for hand-held motor-operated electric tools (inspection scope: only for those AC to DC convertible commodities):
 - (1) for safety testing:
 - CNS 3765 (2005): Household and similar electrical appliances - Safety - Part 1: General requirements.
 - IEC 60335-2-29 (2010): Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers.
 - (2) for EMC testing:
 - CNS 13783-1 (2004): Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission.
2. Battery chargers for computer, communication and consumer electronics (inspection scope: only for those AC to DC convertible commodities except battery chargers for hand-held motor-operated electric tools):
 - (1) for safety testing:

CNS 14336-1 (2010): Information technology equipment - Safety - Part 1: General requirements.

CNS 14408 (2004): Audio, video and similar electronic apparatus - Safety requirements.

(2) for EMC testing:

CNS 13438 (2006): Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.

Conformity assessment procedures:

Registration of Product Certification (RPC) Scheme (Module II + III)

• **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 (Module III) that all products made at their manufacturing facilities are in conformity with the prototypes submitted for type testing in Module II.

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 Registration of Product Certification:

- The BSMI or its branches.

Time required for Registration of Product Certification:

- Fifteen working days. (This period 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)

Related requirements:

1. From the date of publication, all such battery chargers for hand-held motor-operated electric tools products that conform to the revised inspection standards are eligible to apply for Registration of Product Certification (RPC) from BSMI after this announcement.
2. The inspection standards shall be the latest version of standards as of the date this public notice to be adopted. When the applicable standards are revised or amended, the date of applying the revised or amended standards shall be decided and announced by the BSMI.