

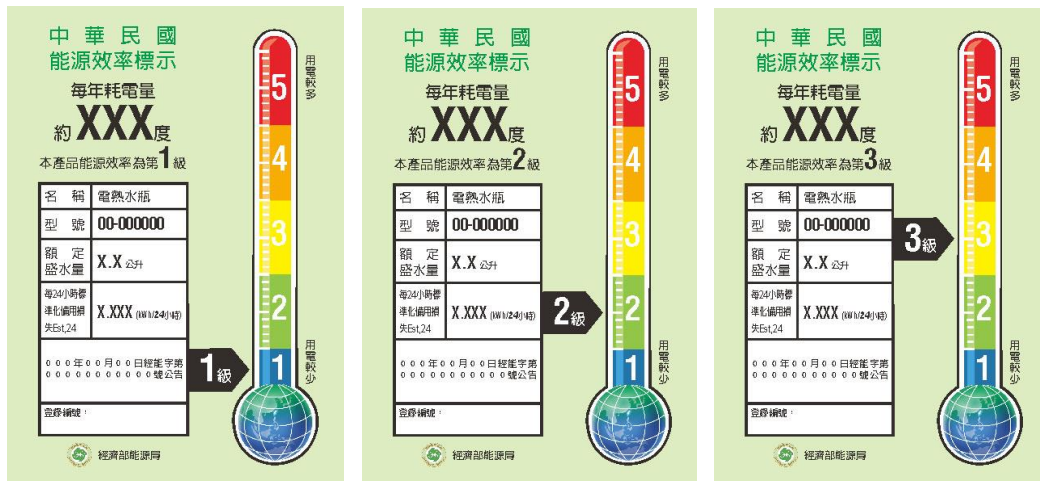
# Requirements on Minimum Energy Performance Standard and Energy Efficiency Rating Labelling and Inspection for Electric Pots (Amendment Draft)

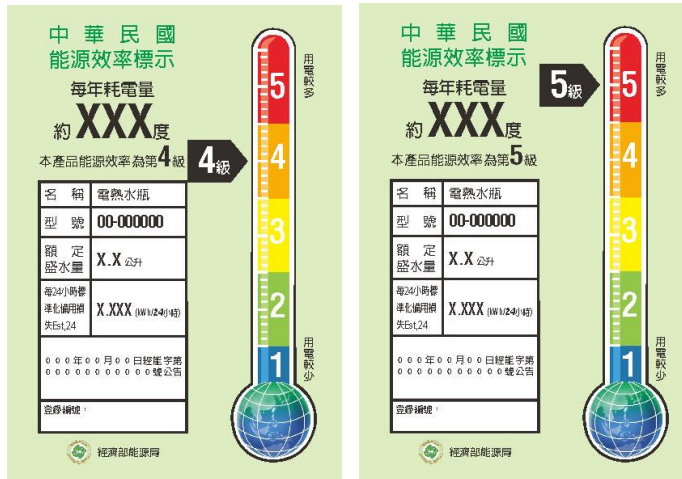
**Subject: Amendment to the Requirements on Minimum Energy Performance Standard and Energy Efficiency Rating Labelling and Inspection for Electric Pots**

**Basis: Paragraph 4, Article 14 of the Energy Management Act**

**Announcement :**

1. Application Scope : The Electric Pots stated in this Announcement refer to those meeting the definition of Electric Pots as defined in CNS 12625, and promulgated by the Bureau of Standards, Metrology and Inspection (BSMI) of the Ministry of Economic Affairs (MOEA) as products requiring inspection before marketing.
2. Test Method : In accordance with CNS 12625.
3. The testing and calculation of Electric Pots shall comply with the following requirements :
  - (1) The Water Capacity of Electric Pots shall be tested in accordance with CNS 12625. The measured value of Water Capacity rounded off to the first decimal place and shall be greater than or equal to 95% of the declared value of products.
  - (2) The Normalized Standing Loss per 24 h value ( $E_{st,24}$ ) of Electric Pots shall be tested in accordance with CNS 12625. The measured value of  $E_{st,24}$  rounded off to the third decimal place shall not be lower than the Minimum Energy Performance Standard (MEPS) of Electric Pots (see Table 1), and shall be less than or equal to 105% of the declared value of products.
4. Labelling Scheme for Energy Performance and Energy Efficiency Rating
  - (1) The minimum size of displayed label shall be: 90mm (height)×60mm (width). The samples and specifications are provided as follow:





(2) The Energy Efficiency Rating Label shall include the information listed as below:

- (i) Name of the product (Electric Pots)
- (ii) Model number of the product;
- (iii) Rated water capacity (Liters);
- (iv) Normalized standing loss per 24 h value (kWh/24 h);
- (v) Energy Efficiency Rating classified in accordance with the “Energy Efficiency Rating Standards for Electric Pots” of Table 2;
- (vi) Annual electricity consumption (kWh), which is calculated by the Normalized standing loss per 24 h value (kWh/24 h) × 365 days/year;
- (vii) The year and the number of announcement of the applied Energy Efficiency Rating Standards for Electric Pots;
- (viii) Registration number of the product; and
- (ix) Other texts designated by the Central Competent Authority.

(3) The display or post of the label

While displaying or marketing Electric Pots, the firms shall display, post or disclose the Energy Efficiency Rating Label on the front of the products, and shall not hide, destroy or adopt other means to render the labelling not recognizable by the consumers.

While manufacturing or importing the products, the firms shall display or attach the Energy Efficiency Rating Label in/on the product instruction/manual or the smallest sales package of the product, or place the label in a prominent area on the front of the products.

(4) Energy efficiency rating

The products shall be classified for Energy Efficiency Rating based on the labeled  $E_{st,24}$ , and shall be labeled on the Energy Efficiency Rating Label.

(5) Market Inspection

The Central Competent Authority may apply random inspection per annum while applying the inspection of the Energy Efficiency Rating Labelling. The samples for random inspection shall be designated by the Central Competent Authority, and shall be delivered by the firms to the designated inspection laboratories for testing within the required term. The amount of samples for random inspection shall be decided based on the total amount of products marketed by the manufacturers or the importers of the previous year. In principle, one unit shall be sampled for inspection for 6,000 units. If the total amount is less than 6,000 units, one unit shall still be sampled for inspection. Nonetheless, the Central Competent Authority may adjust the amount of samples and the sampling ratio for random inspection according to actual needs.

Table 1 MEPS for Electric Pots

Rated Water Capacity, V (Liters, L)	Normalized Standing Loss per 24 h $E_{st,24}$ (kWh/24 h)
All models	$0.140V + 0.641$

Table 2 Energy Efficiency Rating Standards for Electric Pots

Rated Water Capacity, V (Liters, L)	Energy Efficiency Rating	Normalized Standing Loss per 24 h $E_{st,24}$ (kWh/24 h)
All models	Class 1	$E_{st,24} \leq 0.067V + 0.308$
	Class 2	$0.067V + 0.308 < E_{st,24} \leq 0.085V + 0.391$
	Class 3	$0.085V + 0.391 < E_{st,24} \leq 0.104V + 0.474$
	Class 4	$0.104V + 0.474 < E_{st,24} \leq 0.122V + 0.558$
	Class 5	$0.122V + 0.558 < E_{st,24} \leq 0.140V + 0.641$