

Requirements on Minimum Energy Performance Standard, Energy Efficiency Indication, and Inspection for Self-Ballasted Fluorescent Lamps (Amendment Draft)

Subject: Amendment to the Requirements on Minimum Energy Performance Standard, Energy Efficiency Indication, and Inspection of Self-Ballasted Fluorescent Lamps (Draft)

Legal Basis: Paragraph 4, Article 14 of the Energy Administration Act

Announcement:

1. The Self-Ballasted Fluorescent Lamps (for general lighting services) stated in this Announcement refer to those meeting the definition of self-ballasted fluorescent lamps in CNS 14125 and promulgated by the Bureau of Standards, Metrology and Inspection (BSMI) of the Ministry of Economic Affairs (MOEA) as products requiring inspections.
2. The testing of Self-Ballasted Fluorescent Lamps and the calculation thereof shall comply with the following requirements:

The luminous efficacy of Self-Ballasted Fluorescent Lamps shall be tested in accordance with CNS 14125. The measured value shall be rounded off to the first decimal place. The rated and measured value shall not be lower than the value specified in Table 1. The measured value shall be greater than or equal to 95% of the rated value of products.
3. The rated luminous efficacy shall be marked on each individual unit or the smallest packages of Self-Ballasted Fluorescent Lamps.
4. The Central Competent Authority may conduct annual product sampling in accordance with the Guidelines for Energy Efficiency Labeling Inspection and Energy Efficiency Sampling of Designated Energy Using Equipment and Devices while conducting the energy efficiency inspection. The model and the quantity of the testing samples shall be designated by the Central Competent Authority, and the manufacturers shall deliver product samples to the designated testing laboratories within the period designated by the Central Competent Authority.

For products fail to meet the requirements in Item 2 in the testing under the preceding paragraph, the Central Competent Authority shall request the related manufacturers to re-submit the samples for re-testing. The quantity of the re-tested samples shall be twice the sampling quantity of the products of the same model under the preceding paragraph. All the incurred costs associated with the re-testing shall be borne by the manufacturers.

If manufacturer fails to conduct the sampling or the re-testing per the preceding two paragraphs, or fails to meet the energy efficiency requirements completely in the re-testing, Articles 21 and 24 of the Energy Administration Act shall apply.

Table 1 MEPS for Self-Ballasted Fluorescent Lamps (for General Lighting Services)

Rated power input (W)	Luminous efficacy (lm/W)
Lower than 10W	72.0
Greater than 10W, lower than 15W	74.0
Greater than 15W, lower than 25W	79.0
Greater than 25W	81.0