

# Requirements for Labelling and Inspection of Energy Consumption and Energy Efficiency Rating for Gas Stoves

(Draft)

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

**Content:**

## I. Scope of applicability:

The Gas Stoves denoted in this Announcement are those meeting the definition of Gas Stoves as defined in CNS 13604, and promulgated by the Bureau of Standards, Metrology and Inspection (BSMI) of the Ministry of Economic Affairs (MOEA) as products requiring inspection before marketing.

## II. Method of test:

The thermal efficiency value of Gas Stoves should be tested under the terms and in the method which must satisfy the requirements set forth in the Chinese National Standards “CNS 13604 : Gas burning cooking appliances for domestic use”.

## III. Energy consumption rate and efficiency labelling:

(I) Dimension of labelling

80mm long, 50mm wide.

(II) Specimen and specifications of labelling



(III) The labelling should include the following items:

1. Product names(Gas Stoves)
2. Product model number(Fuel Type)
3. Total gas consumption(kW)

4. Thermal efficiency value
5. Energy efficiency rating
6. The year and announcement number of the Announcement containing the Criteria for Energy Efficiency Rating of Gas Stoves used for this rating determination
7. Registration number for this rating
8. Other text as designated by the Central Competent Authority

(IV) Labelling printing and posting:

The labels shall be used without being deformed or remarked with other wording. When the label is to be used onto the product advertising, it may be printed in grey grade or single hue, and may be enlarged or lessened pro rata. The labels must be expressly legible in all cases.

(V) Energy efficiency rating:

The products shall be classified for energy efficiency rating based on the indicated values shown in the following table and shall be remarked onto the energy efficiency labelling.

<b>Fuel Type</b>	<b>Energy efficiency rating</b>	<b>Thermal efficiency value (%)</b>
Liquefied Petroleum Gas (LPG), Natural Gas (NG)	Class 1	52.0
	Class 2	49.0
	Class 3	46.0
	Class 4	43.0
	Class 5	40.0

(VI) Post-market surveillance actions:

While monitoring the implementation of the energy efficiency rating scheme, the Central Competent Authority may conduct annual product sampling and testing; the Central Competent Authority may designate the sampled products and the dealer shall send the product samples to designated testing laboratory within the allowed time. In principle, the number of products first sampled and tested shall be decided based on the sales number of the designated products of the previous year, and one sample shall be tested out of 10,000 units of such products sold. If less than 10,000 units were sold for that product in the prior year, one sample shall be tested. Nonetheless, the Central Competent Authority may change the sampling ratio based on actual needs.