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JJF

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JJF 1261.3-2017

Replacing JJF 1261.3-2015

**Rules of Metrology Testing for Energy Efficiency of Household
Induction Cookers
(English Translation)**

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Introduction

In order to standardize the energy efficiency measurement and testing of household electromagnetic cookers that implement energy efficiency label management, JJF 1261.1-2017 The requirements of the Energy Efficiency Measurement and Measurement Rules for Energy Products are formulated.

This specification replaces JJF 1261.3-2015. Compared with JJF 1261.3-2015, in addition to editorial changes, this the main changes in the specification are as follows.

--- The name of this code is changed from "Household electromagnetic cooker energy efficiency labeling measurement and testing rules" to "home electromagnetic stoves" Source efficiency measurement and detection rules";

--- "5.1 Energy Efficiency Labeling" to increase "energy efficiency information code" and "energy efficiency 'leader' information", etc.

Claim;

--- "7.4 Data Processing" in the standby state power decimal reserved digits have been modified;

--- The original record format and test report format are modified accordingly (Appendix D and Appendix E).

The previous versions of this specification were released as follows.

---JJF 1261.3-2010;

---JJF 1261.3-2015.

Household induction cooker energy efficiency Metrology inspection rules

1 Scope

This specification specifies one or more heating units, each of which has a rated power of 700W to 3500W.

Household electromagnetic cooker (hereinafter referred to as "induction cooker") energy efficiency measurement requirements, measurement test procedures, measurement and detection methods, Measurement criteria and test reports.

This code is applicable to the monitoring and testing of energy efficiency measurement of electromagnetic stoves. The commissioned test can be carried out with reference to this specification. Production and Units that sell electromagnetic cookers can also be tested with reference to this specification.

This specification does not apply to commercial induction cooktops, power frequency induction cooktops and recessed cookers.

The electromagnetic cooker to be tested shall be the product that the producer self-tests, or the goods that the seller imports or sells.

2 reference files

This specification refers to the following documents.

JJF 1261.1-2017 energy efficiency measurement and testing rules for energy products
GB/T 2829-2002 Periodic inspection count sampling procedures and tables (applicable to the inspection of process stability)
GB 21456-2014 Household electromagnetic cooker energy efficiency limit value and energy efficiency rating
GB/T 23128-2008 Induction cooker for dated references, only dated versions apply to this specification; undated quotations the latest version (including all amendments) applies to this specification.

3 terms and units of measure the following terms and units of measurement apply to this specification.

3.1 heating unit on the surface of the induction cooktop, the part of the vessel with independent heating function can be placed.

3.2 induction cooker standby state inductioncookerstandbymode the induction cooktop is connected to the power supply, but does not generate a heating magnetic field. Users can use direct or indirect letters Number, convert it to the "work/heat" state.

3.3 induction cooker energy efficiency limit value

minimumallowablevaluesofenergyefficiencyforinduction Cookers Minimum allowable value (%) of thermal efficiency and maximum standby power of the induction cooker under rated conditions and specified conditions (W).

3.4 Energy efficiency rating energyefficiencygrade A grading method that indicates the level of energy efficiency of an electromagnetic cooker.

Note: Level 1 has the highest energy efficiency rating and Level 3 has the lowest energy efficiency rating.