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JJF

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

JJF 1261.17-2017

Replacing JJF 1261.13-2014; JJF 1261.17-2015

**Rules of Metrology Testing for Energy Efficiency of Copy
Machines, Printers and Fax Machines
(English Translation)**

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Energy efficiency index (energy consumption) measurement criteria for acceptance test results (14)

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Appendix A Example of Energy Efficiency Measurement Uncertainty Evaluation for Copiers, Printers, and Faxes (17)

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Appendix C Original Record Format for Energy Efficiency Measurement of Copiers, Printers and Faxes (27)

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Introduction

In order to standardize the energy efficiency measurement and inspection of copiers, printers and fax machines that implement energy efficiency label management this standard is formulated in accordance with the requirements of JJF 1261.1-2017 "Energy Efficiency Measurement and Measurement Rules".

This specification replaces JJF 1261.13-2014 and JJF 1261.17-2015, and JJF 1261.13-2014 and Compared with JJF 1261.17-2015, except for editorial changes, the main changes are as follows.

---Specification name by "copier energy efficiency labeling measurement rules" and "copiers, printers and faxes "Energy efficiency labeling and measurement rules" was changed to "copier, printer and fax machine energy efficiency measurement and inspection regulations" then";

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

Claim;

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

The previous versions of this specification were released as follows.

---JJF 1261.13-2014;

---JJF 1261.17-2015.

Copiers, printers and fax machines Energy efficiency measurement and inspection rules

1 Scope

This specification is applicable to normal work, standard format, general purpose copying under 220V, 50Hz power supply.

Machine, printer, fax machine, multifunction machine (hereinafter referred to as product) energy efficiency measurement requirements, test strip Parts, measurement methods, measurement results evaluation criteria and test reports.

This specification does not apply to the following products.

- a) products powered only by data interfaces (such as USB, IEEE1394, etc.);
- b) products with a digital receiving front end (DFE);
- c) products with an output speed of 70 pages/min or more;
- d) A dot matrix printer with a number of print heads greater than 48.

This specification is applicable to the supervision and inspection of energy efficiency measurement of products. The commissioned inspection can be carried out with reference to this specification. Production and sales Units that sell products can also be tested according to this specification.

Copiers, printers, fax machines, and all-in-ones that are tested shall be products that are self-tested by the manufacturer.

Or it is a product 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/T 16685-2008 Information technology Office equipment printing equipment throughput measurement method 1 and type 2 printers GB 21521-2014 Energy efficiency limit values and energy efficiency grades for copiers, printers and fax machines GB/T 22372-2008 monochrome black and white laser printer test version JB/T 6872-2007 Developer (toner) consumption version A4 for electrostatic copying machine ISO/IEC 28360:2012 Determination of chemical emission rates in electronic equipment for office equipment
(Information technology-Office equipment-Determination of chemical emission rates from electronic equipment) 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 MFP multifunction device; MFD A product with two or more functions in a multifunction such as printing, scanning, copying, or faxing.

Note: The simple copy function of the fax machine is not a multifunctional one.