

ICS 01.040.13

CCS Z 04



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

GB/T 29770-2013

**End of life information exchange for electrical and electronic
equipment between manufacturers and recyclers**

电子电气产品制造商与回收处理企业间回收信息交换格式

(English Translation)

Issued on: October 10, 2013

Implemented on: February 1, 2014

Issued by: Standardization Administration of China

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard uses redrafted law revision using IEC TR62635DC. Room 2011, "electrical and electronic products manufacturers and recycling companies Terms of the end of life and the utilization of renewable Computing Guide

"(Guidelinesforendoflifeinformationprovisionfrom manufacturersandrecyclers, andforrecyclabilityratecalculation ofelectricaland electronic equipment) recovering the exchange of information on the format of the content between manufacturers and recycling companies.

This standard and IEC TR62635DC.2011 technical differences are as follows.

--- Deleted international standards in computing and the utilization of renewable-related content, including the entire contents of Chapter 1, Chapter 4 of the inner part Content, as well as the entire contents of Part 3.

--- On normative references, this standard has been adjusted with a technical difference, adjust the focus reflected in Chapter 2, "Regulation Normative references ", delete the references of this standard is not 3 Normative references" ISO 22628-2002RoadVe-hicles-Recyclability and recoverability-Calculation method "," IEC PT 62542 Standardizationofenvironmentalaspects-Glossaryofterms "," IEC 62430 (2009-02) Ed.1.0 Environmentallyconsciousdesignforelectricalandelectronicproducts ".

--- Modified "3.2 Waste" is defined as "discard owner, intends to discard or must discard any substance or object." By the modification as "owner no longer used and has been discarded or abandoned any substance or object" to keep up with our existing regulations and standards Association Transfer agreement.

Any line --- modify the definition of "end of life treatment 3.4" by "will be transported to the waste for disposal or recycling facility after to include disassembly, materials separation and disposal "to" transport the waste to recycling facilities after any action, including demolition Unloading, material separation and recycling "in order to maintain harmony with our existing regulations and standards.

--- Modified "3.6 re-use" is defined by the "use phase has ended for a product or a zero/member, was re their original purpose Use of new activities "to" Without prejudice to the relevant laws, regulations or standards under the premise of their original purpose to continue to use waste products or zero/member yuan/device or by cleaning, maintenance after its original purpose to continue to use the act "to keep up with China's existing laws and regulations Harmonization and standards.

--- Modified "3.7 recycling" is defined by the "processing of waste materials to make for initial or other purposes too Cheng, excluding energy recovery. "Was changed to" recycling of waste products, making it part of a raw material for reuse with the process, excluding energy recovery and re-use "in order to maintain harmony with our existing regulations and standards.

--- Modified "3.9 renewable utilization" is defined by the "percentage of total product quality recyclable product quality accounted for." Modify as "the product can be expected to re-use and recycling part of the quality of parts and (does not include energy recovery section) and products Percentage of the total mass "in order to maintain harmony with our existing regulations and standards.

--- Modify the "3.10 recycling" is defined by the "waste products and their constituent materials for re-use and recycling (material recycling) or energy recovery process. "To" processing of waste products, so as to meet the requirements of its original use or for its He use to form a re-use, and any acts of exploitation of renewable energy recovery "in order to maintain coordination with our existing regulations and standards Consistent.

--- Amend the definition of "recoverability rate 3.12" by "recyclable product quality as a percentage of total product quality." Repair to "products is expected to be partially recycled (including re-use of parts, recycling and energy recovery portion) of the substance the amount and percentage of the total mass of the product ", in order to maintain harmony with our existing regulations and standards.

--- Amend the definition of "3.13 disposal" by "recycling than any of the processing activities, such as incineration, landfill or other permanent Storage "to" incineration, landfill or other changes in the physical, chemical and biological properties of waste methods to achieve reduction or to eliminate the dangers of their activities, or to the waste disposed in line with the final requirements for environmental protection facilities or places to live Action "in order to maintain harmony with our existing regulations and standards.

--- Amend the definition of "3.15 recycling enterprise" from "waste treatment facility owned organizations" to "engage in electronic waste Electrical products recycling activities natural and legal persons, companies need to have the process in which the qualification process and have provided appropriate treatment Facilities and venues, "in order to maintain harmony with our existing regulations and standards.

--- Deleted international standards "critical Glossary 1 end of life treatment" in order to

maintain coordination with our existing regulations and standards Consistent.

--- Increased in 6.2.2 "attach documents to prove the recovery processing enterprises qualified" to keep up with our existing regulations and standards Coordinated.

This standard and IEC TR62635DC. editorial differences 2011 are as follows.

--- Deleted the introductory part of the original;

--- Modify the informative appendix A, an increase of "relays, sensors, switches and other electrical contacts containing cadmium", will be "greater than 10cm² in India Printed circuit board "to" printed circuit board ", the" gas discharge lamp "to" rear gas discharge lamps and other light sources ";

--- Modify the informative Appendix B, in the third table to the right to increase a "Comments (Removal procedures and tools)", the first column of the third row "Selective treatment" to increase prompt information "(including the environment and hazardous to your health information)";

--- Remove the informative Appendix C "C.1 NOTE. At the end of life process in some countries, 100% of zero/component quality should make for the recycling of reporting rather than an actual re-use part of the ";

--- Remove the informative Appendix D and Appendix E.

This standard by the National Standardization Technical Committee Environmental electrical and electronic products and systems (SAC/TC297) and focal points.

This standard was drafted. China Quality Certification Center, Shenzhen Quality Inspection Institute of Metrology, Haier Group, Qingdao Xintiandi waste electrical and Electronic Product Recycling Ltd., China National Institute of Standardization.

1 Scope

This standard specifies the inter-enterprise exchange of information on recycling electronic format manufacturer of electrical products and recycling.

This standard applies to all electrical and electronic products. Other related products are also available for reference.

The main criteria include.

--- End of the principle of the process of life;

Guidelines and other relevant information before the material provided by the manufacturer

--- separation requires disassembly of zero/components (location and material);

--- Information about the end of life process and the end of life treatment effect provided by the recycling companies.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

IEC 62474:2012 Electrical products industry materials declaration
(Materialdeclarationforproductsofthe electrotechnicalindustry)

3 Terms and Definitions

The following terms and definitions apply to this document.

End of life (EoL) After the end of the intended use of the product life cycle stages beginning stage.

Waste waste

The owner is no longer used and has been discarded or abandoned any substance or object.

Total product quality totalproductmass Into the end of life treatment process waste product quality.

NOTE: The product is used to calculate the total mass of the utilization of renewable/recyclable utilization.

End of life treatment the waste is transported to recycling facilities after any acts of exploitation, including demolition, material separation and recycling.

Separating materialseparation in addition to dismantling the separation material other outside activities, including mechanical, chemical or thermal processing (such as chopped, melted and sorting, etc.).

Reuse reuse

Without prejudice to the relevant laws, regulations or standards premise, according to their original purpose to continue to use waste products or zero/member, Yuan/or devices via