

STN P	Požiadavky na zber, logistiku a spracovanie OEEZ Časť 5: Špecifikácia na konečné spracovanie frakcií OEEZ Med' a drahé kovy	STN P CLC/TS 50625-5 83 9062
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Collection, logistics & Treatment requirements for WEEE - Part 5: Specification for the final treatment of WEEE fractions - Copper and precious metals

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/17

Obsahuje: CLC/TS 50625-5:2017

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2018
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

ICS 13.030.99

English Version

**Collection, logistics & Treatment requirements for WEEE - Part
5: Specification for the final treatment of WEEE fractions -
Copper and precious metals**

Exigences de collecte, logistique et traitement pour les
déchets d'équipements électriques et électroniques (DEEE)
- Partie 5: Spécification pour le traitement final des fractions
de DEEE - Cuivre et métaux précieux

Anforderungen an die Sammlung, Logistik und Behandlung
von Elektro- und Elektronikaltgeräten (WEEE) - Teil 5:
Spezifikation für die Endbehandlung der Fraktionen von
Elektro- und Elektronik-Altgeräten - Kupfer und Edelmetalle

This Technical Specification was approved by CENELEC on 2017-05-29.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

This document (CLC/TS 50625-5:2017) has been prepared by CLC/TC 111X "Environment".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Introduction

In order to support EN 50625-1, *Collection, logistics & Treatment requirements for WEEE - Part 1: General treatment requirements*, covering treatment of WEEE, it is essential to include normative requirements, such as management and technical requirements and target and limit values, into a document that is able to be revised to take into account both practical experience and changes in treatment technologies.

1 Scope

This Technical Specification addresses the processes regarding the recycling of copper and/or precious metals contained in WEEE and fractions of WEEE.

NOTE 1 For the treatment of WEEE EN 50625-1 applies.

This Technical Specification relates to the chemical and metallurgical processes used for the recycling of copper and/or precious metals contained in WEEE and fractions of WEEE, thereby differentiating it from manual/mechanical processing (see Annex A).

All chemical and metallurgical processes are included up and until the output materials will be used for their original purpose or for other purposes or will be finally disposed of.

NOTE 2 The main precious metals concerned are gold, silver and palladium.

NOTE 3 The majority of the WEEE volumes that are processed by final treatment operators consists of fractions of WEEE (e.g. circuit boards) containing copper and/or precious metals, however there may be whole small WEEE that can be treated directly in final treatment (e.g. USB sticks).

NOTE 4 Chemical and metallurgical processes are processes in which a chemical reaction takes place for example: pyrolysis, smelting, refining, solvent extraction, ion exchange, leaching/dissolution in water acids or base, precipitation, cementation or pressure leaching. They differ from mechanical / physical processes such as sorting and separation based on physical properties (e.g. density, magnetism, colour) and size reduction processes such as shredding and grinding.

NOTE 5 In general, these final treatment facilities are covered by the IED 2010/75/EU, e.g. copper smelters or refiners.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50625-1:2014, *Collection, logistics & Treatment requirements for WEEE - Part 1: General treatment requirements*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN