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English Version

Collection, logistics & treatment requirements for WEEE - Part 3-1: Specification for de-pollution - General

Exigences de collecte, logistique et traitement pour les DEEE - Partie 3-1: Spécifications relatives à la dépollution - Généralités

Anforderungen an die Behandlung von Elektro- und Elektronik-Altgeräten (WEEE) - Teil 3-1: Spezifikation zur Schadstoffentfrachtung - Allgemeines

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (CLC/TS 50625-3-1:2015) has been prepared by CLC/TC 111X "Environmental aspects for electrical and electronic products and systems".

EN 50625 is currently composed of the following parts:

- EN 50625-1, *Collection, logistics & Treatment requirements for WEEE — Part 1: General treatment requirements*;
- EN 50625-2-1, *Collection, logistics & Treatment requirements for WEEE — Part 2-1: Treatment requirements for lamps*;
- CLC/TS 50625-3-1, *Collection, logistics & treatment requirements for WEEE — Part 3-1: Specification for de-pollution — General* [the present document].

This document has been prepared under the mandate M/518 given to CENELEC by the European Commission and the European Free Trade Association.

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Introduction

In order to support the European Standard EN 50625-1 which covers treatment of WEEE and thereby fulfils the requirement of the European Commission's Mandate, it is necessary to include normative requirements, such as target and limit values for the analysis, into a document that may be revised to take into account both practical experience and changes in treatment technologies.

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1 Scope

This Technical Specification is intended to be used in conjunction with the WEEE Treatment Standard EN 50625-1 for most types of WEEE (other documents will be developed to define requirements for specific WEEE requiring more specialised treatment).

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 13656, *Characterization of waste — Microwave assisted digestion with hydrofluoric (HF), nitric (HNO₃) and hydrochloric (HCl) acid mixture for subsequent determination of elements*

EN 14582, *Characterization of waste — Halogen and sulphur content — Oxygen combustion in closed systems and determination methods*

EN 15002, *Characterization of waste — Preparation of test portions from the laboratory sample*

EN 15308, *Characterization of waste — Determination of selected polychlorinated biphenyls (PCB) in solid waste by using capillary gas chromatography with electron capture or mass spectrometric detection*

EN 50574, *Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons*

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

EN 62321-5, *Determination of certain substances in electrotechnical products — Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (IEC 62321-5)*

EN ISO 11885, *Water quality — Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES) (ISO 11885)*

EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025)*

EN ISO 17294 (all parts), *Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of 62 elements (ISO 17294, all parts)*

US EPA 8082A/2007, *Polychlorinated biphenyls (PCBs) by gas chromatography*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 50625-1 and the following apply.

3.1

limit value

maximum allowable value for a parameter

Note 1 to entry: A measured or calculated value which exceeds the limit value is considered to be non-compliant.

3.2

population

totality of items under consideration