PD CLC/TS 50625-3-5:2017

BSI Standards Publication

Collection, logistics & Treatment requirements for WEEE

Part 3-5: Technical specification for de-pollution - Photovoltaic panels

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National foreword

This Published Document is the UK implementation of CLC/TS 50625-3-5:2017.

The UK participation in its preparation was entrusted to Technical Committee GEL/111, Electrotechnical environment committee.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Collection, logistics & Treatment requirements for WEEE - Part 3-5: Technical specification for de-pollution - Photovoltaic panels

Exigences de collecte, logistique et traitement pour les DEEE - Partie 5: Spécification relative au traitement final des fractions de DEEE - Cuivre et métaux précieux

Sammlung, Logistik und Behandlung von Elektro- und Elektronik-Altgeräten (WEEE) - Teil 3-5: Spezifikation für die Endbehandlung der Fraktionen von Elektro- und Elektronik-Altgeräten - Kupfer und Edelmetalle

This Technical Specification was approved by CENELEC on 2017-09-18.

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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 50625-3-5:2017) 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 shall not be held responsible for identifying any or all such patent rights.

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

This document is to be used in conjunction with CLC/TS 50625-3-1:2015.

CLC/TS 50625-3-5 supplements or modifies the corresponding clauses in CLC/TS 50625-3-1:2015, so as to convert that publication into the Technical Specification: Treatment specification for photovoltaic panels.

When a particular subclause of part 3-1 is not mentioned in this part 3-5, that subclause applies as far as is reasonable. When this standard states “addition”, “modification” or “replacement”, the relevant text in part 3-1 is to be adapted accordingly.

NOTE The following numbering system is used:

– Subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;

– unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;

– additional annexes are lettered AA, BB, etc.

Introduction

In order to support EN 50625-2-4, Collection, logistics and Treatment requirements for WEEE - Part 2: Treatment requirements for photovoltaic panels, covering treatment of WEEE and thereby fulfil the requirement of the European Commission's Mandate M/518 it is necessary to include normative requirements, such as target values and limit values for the analysis, into a document that is able to be revised to take into account both practical experience and changes in treatment technologies.

1 Scope

Clause 1 is replaced with the following:

This European Technical Specification is intended to be used in conjunction with the WEEE Treatment Standard for photovoltaic panels, EN 50625-2-4 and Technical Specification for de-pollution – General CLC/TS 50625-3-1:2015.

2 Normative references

Clause 2 is replaced with the following:

EN 13650, *Soil improvers and growing media - Extraction of aqua regia soluble elements*

EN 14899, *Characterization of waste - Sampling of waste materials - Framework for the preparation and application of a Sampling Plan*

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

CEN/TR 15310-1, *Characterization of waste - Sampling of waste materials - Part 1: Guidance on selection and application of criteria for sampling under various conditions*

CEN/TR 15310-2, *Characterization of waste - Sampling of waste materials - Part 2: Guidance on sampling techniques*

CEN/TR 15310-3, *Characterization of waste - Sampling of waste materials - Part 3: Guidance on procedures for sub-sampling in the field*

CEN/TR 15310-4, *Characterization of waste - Sampling of waste materials - Part 4: Guidance on procedures for sample packaging, storage, preservation, transport and delivery*

CEN/TR 15310-5, *Characterization of waste - Sampling of waste materials - Part 5: Guidance on the process of defining the sampling plan*

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

EN 50625-2-4:2017, *Collection, logistics & treatment requirements for WEEE - Part 2-4: Treatment requirements for photovoltaic panels*

CLC/TS 50625-3-1:2015, *Collection, logistics & treatment requirements for WEEE - Part 3-1: Specification for de-pollution - General*

EN ISO 15587-1, *Water quality - Digestion for the determination of selected elements in water - Part 1: Aqua regia digestion (ISO 15587-1)*

EN ISO 15587-2, *Water quality - Digestion for the determination of selected elements in water - Part 2: Nitric acid digestion (ISO 15587-2)*

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

EN ISO 17294-2, *Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2)*

EN ISO 17852, *Water quality - Determination of mercury - Method using atomic fluorescence spectrometry (ISO 17852)*