



BSI Standards Publication

Collection, logistics & treatment requirements for WEEE

Part 3-4: Specification for de-pollution - Temperature exchange equipment

National foreword

This Published Document is the UK implementation of CLC/TS 50625-3-4:2017.

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.

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Collection, logistics & treatment requirements for WEEE - Part 3-4: Specification for de-pollution - temperature exchange equipment

Exigences de collecte, logistique et traitement pour les déchets d'équipements électriques et électroniques (DEEE)
- Partie 3-4: Spécifications relatives à la dépollution - équipements d'échange thermique

Sammlung, Logistik und Behandlung von Elektro- und Elektronik-Altgeräten (WEEE) - Teil 3-4: Spezifikation der Schadstoffentfrachtung - Wärmeüberträger

This Technical Specification was approved by CENELEC on 2017-06-06.

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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 50625-3-4:2017) has been prepared by CLC/TC 111X "Environmental aspects for electrical and electronic products and systems".

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

This Technical Specification part 3-4 is to be used in conjunction with the latest edition of EN 50625-2-3 and CLC/TS 50625-3-1.

This Technical Specification part 3-4 supplements or modifies the corresponding clauses in CLC/TS 50625-3-1, so as to convert that publication into the TS: *Treatment specification for temperature exchange equipment*.

When a particular subclause of part 3-1 is not mentioned in this part 3-4, 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:

- Sub-clauses, tables and figures that are numbered starting from 101 are additional to those in Part 3-1;
- unless notes are in a new sub-clause or involve notes in Part 3-1, they are numbered starting from 101, including those in a replaced clause or sub-clause;
- additional annexes are lettered AA, BB, etc.

Introduction

In order to support EN 50625-2-3, *Collection, logistics & Treatment requirements for WEEE - Part 2-3: Treatment requirements for temperature exchange equipment* 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

This clause of Part 3-1 is replaced with the following:

This Technical Specification is intended to be used in conjunction with the WEEE Treatment Standard for temperature exchange equipment, EN 50625-2-3, and the Technical Specification for de-pollution, CLC/TS 50625-3-1.

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.

This clause of Part 3-1 is replaced with the following:

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

EN 50625-2-3:2017, *Collection, logistics & treatment requirements for WEEE - Part 2-3: Treatment requirements for temperature exchange equipment and other WEEE containing VFC and/or VHC*

EN 15002:2015, *Characterization of waste - Preparation of test portions from the laboratory sample*

ISO/IEC 17025:2005, *General requirements for the competence of testing and calibration laboratories*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

This clause of CLC/TS 50625-3-1 and EN 50625-2-3 is applicable with the following addition:

3.108

characteristic number

value of parameter (except target values and limit values) used to determine VFC and VHC removal and capturing performance for step 1 (e.g. $q_{Mtot,}$, S_k), step 2 (e.g. f_{VFC} , f_{VHC}) and step 3 treatment, and value of parameter used to assess certain results of the plant performance test (e.g. t_{max} in step 1 and $w_{i,VFC}$ and $w_{i,VHC}$ in step 2 treatment)

4 De-pollution monitoring

This clause of Part 3-1 is replaced by the following:

4.101 Introduction

The following paragraphs cover de-pollution monitoring and refer to EN 50625-2-3:2017, 5.6. The target values and limit values set in this Technical Specification apply to the three elements stated EN 50625-2-3:2017, 5.6.101.

All target values and limit values stipulated in this Technical Specification take measurement uncertainty in weighing, sampling and analysis procedures into account. Therefore, all actual measured and calculated values are deemed to be final irrespective their variances.

4.102 Monitoring and evaluation system and regular reporting

4.102.1 General

According to EN 50625-2-3, 5.6.102, the treatment operator shall monitor the input and output information of step 1, step 2 and step 3 treatment of the plant on a day-to-day basis.