

PD CLC/TS 50625-3-1:2015



BSI Standards Publication

# Collection, logistics & treatment requirements for WEEE

Part 3-1: Specification for  
de-pollution — General

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### **National foreword**

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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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Published by BSI Standards Limited 2015

ISBN 978 0 580 85186 5  
ICS 13.030.99; 29.100.01; 31.220.01

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This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 January 2015.

### **Amendments/corrigenda issued since publication**

<b>Date</b>	<b>Text affected</b>
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TECHNICAL SPECIFICATION  
SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CLC/TS 50625-3-1**

January 2015

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ICS 29.100.01; 13.030.99; 31.220.01

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

This Technical Specification was approved by CENELEC on 2014-10-20.

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European Committee for Electrotechnical Standardization  
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Europäisches Komitee für Elektrotechnische Normung

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

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>4</b>
<b>1 Scope</b> .....	<b>6</b>
<b>2 Normative references</b> .....	<b>6</b>
<b>3 Terms and definitions</b> .....	<b>6</b>
<b>4 De-pollution monitoring</b> .....	<b>7</b>
<b>4.1 Introduction</b> .....	<b>7</b>
<b>4.2 Target value methodology</b> .....	<b>7</b>
<b>4.3 Mass Balance methodology</b> .....	<b>8</b>
<b>4.4 Analysis methodology</b> .....	<b>8</b>
<b>5 Overview of the applicable methodologies — Applicable methodologies</b> .....	<b>10</b>
<b>6 Large appliances</b> .....	<b>11</b>
<b>6.1 Introduction</b> .....	<b>11</b>
<b>6.2 Target value methodology</b> .....	<b>11</b>
<b>6.3 Analysis methodology</b> .....	<b>11</b>
<b>7 Cooling and freezing appliances</b> .....	<b>12</b>
<b>7.1 Introduction</b> .....	<b>12</b>
<b>7.2 Target values methodology</b> .....	<b>12</b>
<b>7.3 Mass balance methodology</b> .....	<b>12</b>
<b>7.4 Analysis methodology</b> .....	<b>12</b>
<b>8 CRT display /FPD appliances</b> .....	<b>13</b>
<b>8.1 Introduction</b> .....	<b>13</b>
<b>8.2 CRT display appliances - Target value methodology</b> .....	<b>13</b>
<b>8.3 CRT display appliances – Analysis methodology</b> .....	<b>13</b>
<b>8.4 FPD appliances – Mass balance methodology</b> .....	<b>14</b>
<b>8.5 FPD appliances - Analysis methodology</b> .....	<b>14</b>
<b>9 Lamps — Introduction and analysis methodology</b> .....	<b>14</b>
<b>10 Small appliances</b> .....	<b>14</b>
<b>10.1 Introduction</b> .....	<b>14</b>
<b>10.2 Target value methodology</b> .....	<b>15</b>
<b>10.3 Analysis methodology</b> .....	<b>15</b>
<b>11 Protocol for components removed during a batch process</b> .....	<b>16</b>
<b>11.1 General procedure</b> .....	<b>16</b>
<b>11.2 Capacitors</b> .....	<b>16</b>
<b>11.3 Batteries</b> .....	<b>17</b>
<b>Annex A (normative) Sampling protocol for the physically smallest non-metallic mechanical treatment fraction</b> .....	<b>18</b>
<b>A.1 Introduction</b> .....	<b>18</b>
<b>A.2 Sampling</b> .....	<b>18</b>
<b>A.2.1 Identification of the physically smallest non-metallic mechanical treatment fraction</b> .....	<b>18</b>
<b>A.2.2 Population</b> .....	<b>18</b>
<b>A.2.3 Number of samples</b> .....	<b>18</b>

<b>A.2.4</b>	<b>Size of samples .....</b>	<b>18</b>
<b>A.2.5</b>	<b>Principles of sampling .....</b>	<b>19</b>
<b>A.2.5.1</b>	<b>Sampling during a treatment process .....</b>	<b>19</b>
<b>A.2.5.2</b>	<b>Sampling after the treatment process .....</b>	<b>19</b>
<b>A.2.6</b>	<b>Mixed sample preparation .....</b>	<b>20</b>
<b>A.2.7</b>	<b>Mixed sample reduction .....</b>	<b>20</b>
<b>A.2.8</b>	<b>Sample sieving .....</b>	<b>20</b>
<b>A.2.9</b>	<b>Packaging of samples .....</b>	<b>21</b>
<b>Annex B (normative)</b>	<b>Sampling protocol for plastics .....</b>	<b>22</b>
<b>B.1</b>	<b>Introduction .....</b>	<b>22</b>
<b>B.2</b>	<b>Sampling .....</b>	<b>22</b>
<b>B.2.1</b>	<b>Population .....</b>	<b>22</b>
<b>B.2.2</b>	<b>Number of samples .....</b>	<b>22</b>
<b>B.2.3</b>	<b>Size of samples .....</b>	<b>22</b>
<b>B.2.4</b>	<b>Principle of sampling .....</b>	<b>22</b>
<b>B.2.4.1</b>	<b>Sampling during a treatment process .....</b>	<b>22</b>
<b>B.2.4.2</b>	<b>Sampling after the treatment process .....</b>	<b>23</b>
<b>B.2.5</b>	<b>Mixed sample preparation .....</b>	<b>24</b>
<b>B.2.6</b>	<b>Mixed sample reduction .....</b>	<b>24</b>
<b>B.2.7</b>	<b>Packaging and sending of samples .....</b>	<b>24</b>
<b>Annex C (normative)</b>	<b>Targets .....</b>	<b>25</b>
<b>Annex D (informative)</b>	<b>Target calculation example — Calculation example for large appliance .....</b>	<b>26</b>
<b>Bibliography</b>	<b>.....</b>	<b>27</b>

## 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.

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 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.

## 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 (HNO<sub>3</sub>) 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