

ELEKTRI- JA ELEKTROONIKASEADMETE JÄÄTMETE  
KOGUMISE, LOGISTIKA JA KÄSITSEMISE NÕUDED. OSA  
2-1: LAMPIDE KÄSITSEMISE NÕUDED

Collection, logistics and treatment requirements for  
WEEE - Part 2-1: Treatment requirements for lamps

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 50625-2-1:2015 sisaldab Euroopa standardi EN 50625-2-1:2014 ingliskeelset teksti.	This Estonian standard EVS-EN 50625-2-1:2015 consists of the English text of the European standard EN 50625-2-1:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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ICS 13.030.99; 29.100.01; 31.220.01

English Version

## Collection, logistics and treatment requirements for WEEE - Part 2-1: Treatment requirements for lamps

Exigences de collecte, logistique et traitement pour les  
déchets d'équipements électriques et électroniques (DEEE)  
- Partie 2-1: Exigences de traitement des lampes

Anforderungen an die Behandlung von Elektro- und  
Elektronik-Altgeräten (WEEE) - Teil 2-1: Anforderungen an  
die Behandlung von Lampen

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## Foreword

This document (EN 50625-2-1:2014) has been prepared by CLC/TC 111X "Environment".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-10-13
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2017-10-13

This part 2 is to be used in conjunction with the latest edition of EN 50625-1.

NOTE 1 When "Part 1" is mentioned in this standard, it refers to EN 50625-1.

This Part 2 supplements or modifies the corresponding clauses in EN 50625-1, so as to convert that publication into the European Standard: *Treatment requirements for lamps*.

When a particular subclause of Part 1 is not mentioned in this Part 2, that subclause applies as far as is reasonable. When this standard states "addition", "modification" or "replacement", the relevant text in Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- *changes compared to part 1: in italic type.*

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.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

## Introduction

*This clause of Part 1 is replaced by the following:*

This European Standard aims to assist organisations in:

- achieving effective and efficient treatment and disposal of waste lamps in order to prevent pollution and minimise emissions;
- promoting increased material recycling;
- promoting high quality recovery operations;
- preventing inappropriate disposal of lamps and fractions thereof;
- assuring protection of human health and safety, and the environment;
- preventing shipments of lamps to operators whose operations fail to comply with this normative document or a comparable set of requirements.

This European Standard supports the objectives of the Community's environment policy. These aim to preserve, protect and improve the quality of the environment, protect human health and utilise natural resources prudently and rationally. That policy is based on the precautionary principle and the maxims that preventive action to minimise environmental damage should, where possible, be rectified at source and the polluter should pay.

This European Standard contains requirements applicable to the treatment of lamps and is a Part 2 of EN 50625-1, *Collection, logistics & Treatment requirements for WEEE - Part 1: General treatment requirements*. Additionally, this standard will be supported by a technical report that will provide a more detailed comparison between normative treatment requirements derived directly from the legal text of Directive 2012/19/EC, especially Annex VII, and between informative treatment requirements going beyond the strict requirements of Directive 2012/19/EC.

This European Standard has been prepared in order to support European legislation and so uses some of the terms defined in European law. In order to ensure that the definitions used in this standard are identical to those defined by law these terms are identified as 'void', indicating that this standard does not contain a definition, and a 'Note to entry' that identifies which law contains the legal definition and the term as defined in that law.

## 1 Scope

*This clause of Part 1 is replaced by the following:*

This European standard is applicable to the treatment of lamps.

This European Standard applies to the treatment of lamps until end-of-waste status is fulfilled, or lamp fractions are recycled, recovered, or disposed of.

This European Standard addresses all operators involved in the treatment including related handling, sorting, and storage of lamps. This European Standard applies to all facilities including those whose treatment operations use mobile equipment.

## 2 Normative references

This clause of Part 1 is applicable.

## 3 Terms & definitions

This clause of Part 1 is applicable.

## 4 Administrative and organisational requirements

This clause of Part 1 is applicable except as follows.

*Sub-clause 4.2 is replaced with the following:*

### 4.2 Technical and infrastructural pre-conditions

The lamp treatment operator shall possess infrastructure, in terms of size, technologies installed and characteristics of the operations, that is suitable for the activities performed on site. A risk management process shall be in operation at the site. This shall monitor and control all tasks performed on site and include the identification of hazards, the assessment of risk and, where appropriate, the elimination or reduction of the risk and documentation of the process.

The risk assessment shall consider emissions to the environment (i.e. water, air and soil) and occupational health. It shall include normal storage, treatment, plant maintenance and servicing, as well as cases of emergencies including accidental fire events. The treatment operator shall implement measures to prevent emissions into the environment, reflecting all relevant risks identified in the risk assessment. Used carbon filters shall be treated appropriately. If water is used in processing it shall be appropriately stored and treated / disposed of. The effectiveness of the risk assessment shall be verified by regular monitoring, according to Annex AA.

NOTE 1 Examples of measures to prevent hazardous emissions: environmental management system, carbon filters, a closed water sewer system or a firewater retention reservoir.

Treatment operators shall perform regular monitoring of emissions of hazardous substances to the environment so as to ensure levels that none are at a level which is considered to present an unacceptable risk.

NOTE 2 The fulfilment of limit values that define unacceptable risks for various substances and associated requirements for the frequency of monitoring are often described in national regulations or site permitting requirements.