

Identification and/or determination of the quantity of waste

Identification and/or determination of the quantity of waste

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14803:2006 sisaldab Euroopa standardi EN 14803:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 28.04.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14803:2006 consists of the English text of the European standard EN 14803:2006.</p> <p>This document is endorsed on 28.04.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard specifies general requirements and verifications for methods of identification of waste containers and/or determination of the quantity of waste including:- safety requirements;- interface requirements and performances;- data to be treated and their integrity.</p>	<p>Scope:</p> <p>This European Standard specifies general requirements and verifications for methods of identification of waste containers and/or determination of the quantity of waste including:- safety requirements;- interface requirements and performances;- data to be treated and their integrity.</p>
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ICS 13.030.01

Võtmesõnad:

ICS 13.030.01

English Version

Identification and/or determination of the quantity of waste

Identification et/ou détermination de la quantité de déchets

Identifikation und /oder Mengenbestimmung von Abfall

This European Standard was approved by CEN on 28 December 2005.

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Foreword

This European Standard (EN 14803:2006) has been prepared by Technical Committee CEN/TC 183 "Waste management", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

CEN and CENELEC draw attention to the fact that it is claimed that compliance with this European Standard may involve the use of a patent concerning systems for identification and/or determination of the quantity of waste described within this European Standard.

CEN and CENELEC take no position concerning the evidence, validity and scope of this patent right.

The holder of this patent right has assured CEN and CENELEC that he/she is willing to negotiate licences under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with CEN and CENELEC. Information may be obtained from:

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Germany

Attention is drawn to the possibility that some of the elements of this European Standard may be the subject of patent rights other than those identified above. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

1 Scope

This European Standard specifies general requirements and verifications for methods of identification of waste containers and/or determination of the quantity of waste including:

- safety requirements;
- interface requirements and performances;
- data to be treated and their integrity.

This European Standard is applicable to systems for handling containers conforming to EN 840.

NOTE Although this European Standard does not cover systems for handling containers not conforming to EN 840, it is recommended to apply the requirements of this document to these systems as far as possible.

This European Standard is applicable to systems both for billing and not for billing.

2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 840-1, *Mobile waste containers — Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices — Dimensions and design*

EN 840-2, *Mobile waste containers — Part 2: Containers with 4 wheels, with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices — Dimensions and design*

EN 840-3, *Mobile waste containers — Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices — Dimensions and design*

EN 840-4, *Mobile waste containers — Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting devices — Dimensions and design*

EN 840-5, *Mobile waste containers — Part 5: Performance requirements and test methods*

EN 840-6, *Mobile waste containers — Part 6: Safety and health requirements*

EN 1501 (all parts), *Refuse collection vehicles and their associated lifting devices — General requirements and safety requirements*

EN 45501:1992, *Metrological aspects of non-automatic weighing instruments*

EN 60068-2-1, *Environmental testing — Part 2: Tests; tests A: Cold (IEC 60068-2-1:1990)*

EN 60068-2-2, *Basic environmental testing procedures — Part 2: Tests — Tests B: Dry heat (IEC 60068 2-2:1974 + IEC 60068-2-2A:1976)*

EN 60068-2-6, *Environmental testing — Part 2: Tests — Test Fc: Vibration (sinusoidal) (IEC 60068-2-6:1995 + Corrigendum 1995)*

EN 60068-2-27, *Basic environmental testing procedures — Part 2: Tests — Test Ea and guidance: Shock (IEC 60068-2-27:1987)*

EN 60068-2-38, *Environmental testing — Part 2: Tests — Test Z/AD: Composite temperature/humidity cyclic test* (IEC 60068-38:1974)

EN 60204-1, *Safety of machinery — Electrical equipment of machines — Part 1: General requirements* (IEC 60204-1:1997)

EN ISO 7250, *Basic human body measurements for technological design* (ISO 7250:1996)

OIML R 51, *Automatic catchweighing instruments*

3 Terms and definitions

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

3.1

identification (ID)

process which consists in accurately recognising and verifying a waste container by reading a data carrier

3.2

determination of the quantity of waste (DQW)

determination of the waste volume stored within the receptacle and/or weighing of the waste mass and/or counting of emptying operations

3.3

data carrier

device carrying data which can be recognised by an electro-magnetic, optical or other reading device

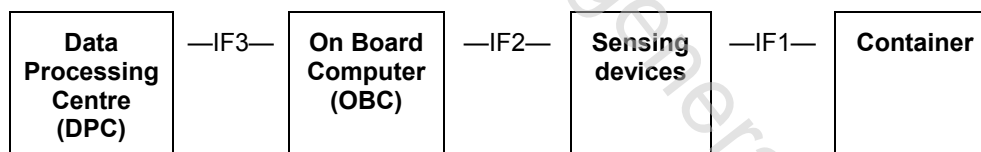
3.4

interface (IF)

boundary linking two systems

NOTE The interface could be a mechanical interface, a data interface, an electrical interface etc.

For the purposes of this document interfaces (IF) are numbered as follows:



3.5

manipulation

deliberate and unauthorized modification, addition, omission or suppression of signals or data or procedures or components

3.6

malfunction

non-deliberate modification, addition, omission or suppression of signals or data

3.7

data processing

3.7.1

storage

recording of data relating to the collection of waste