

საქართველოს სტანდარტი

ნარჩენების მოსაგროვებელი ტრანსპორტი- ზოგადი და უსაფრთხოების მოთხოვნები-ნაწილი 2: ნარჩენების მოსაგროვებელი ტრანსპორტი გვედითი დატვირთვით

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ეროვნული სააგენტო
თბილისი

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English Version

Refuse collection vehicles and associated lifting devices -
General requirements and safety requirements - Part 2: Side
loaded refuse collection vehicles

Bennes de collecte des déchets et leurs lève-conteneurs
associés - Exigences générales et exigences de sécurité -
Partie 2: Bennes à chargement latéral

Abfallsammelfahrzeuge und die dazugehörigen
Schüttungen - Allgemeine Anforderungen und
Sicherheitsanforderungen - Teil 2: Seitenlader

This European Standard was approved by CEN on 25 March 2005 and includes Amendment 1 approved by CEN on 10 October 2009.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Management Centre: Avenue Marnix 17, B-1000 Brussels

საინფორმაციო ნაწილი. სრული ტექსტის სახსრავად შეიძინეთ სტანდარტი.

Contents

Page

Foreword.....4

Introduction5

1 Scope5

2 Normative references6

3 Terms and definitions8

4 Modes and controls of side loaded RCVs 11

5 List of significant hazards 13

6 Safety requirements 18

7 Information for use 33

8 Verification 37

Annex A (normative) Working stations, functional and visible areas/spaces..... 42

Annex B (informative) Types and examples of data sheet..... 46

Annex ZA (informative) Relationship between this Standard and the Essential Requirements of EU Directive 98/37/EC..... 55

Annex ZB (informative) A1 Relationship between this Standard and the Essential Requirements of EU Directive 2006/42/EC A1 56

Bibliography 57

Figures

Figure A.1b — Functional, visible and working areas for lifting — Front view..... 43

Figure A.1c — Outside working stations..... 44

Figure A.2 — Open and closed systems 45

Figure A.3 — Warning sign : extending arm..... 45

Tables

Table 1 — List of significant hazards..... 14

Table 2 — Graphical symbols..... 23

Table 3 — Verification..... 38

Figure A.1a — Functional, visible and working areas for lifting — Top view..... 42

Table B.1 — Side loaded RCV 46

Table B.2 — Types 48

Table B.3 — Dimensions, volumes and centre of gravity calculation..... 50

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

Table B.4 — Axle load calculation (Example of a data sheet)51

Table B.5a — Calculation of side stability on fully tipped body/bodywork52

Table B.5b — Calculation of stability on RCV with extending arm.....53

Table B.5c — Calculation of stability on RCV without extending arm with lifting device for designated waste containers larger than 1,1 m³54

Foreword

This document (EN 1501-2:2005+A1:2009) 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 May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1, approved by CEN on 2009-10-10.

This document supersedes EN 1501-2:2005.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

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

A1 For relationship with EU Directive(s), see informative Annexes ZA and ZB, which are integral parts of this document. **A1**

The minimum essential criteria are considered to be of primary importance in providing safe, serviceable, economical, and practical side loaded refuse collection vehicles.

This European Standard is the second one of the series of co-ordinated standards of EN 1501 about "Refuse collection vehicles and their associated lifting devices" comprising the following parts:

- Part 1: Rear-end loaded refuse collection vehicles
- Part 2: Side loaded refuse collection vehicles
- Part 3: Front loaded refuse collection vehicles
- Part 4: Noise measurement protocol for refuse collection vehicles
- Part 5: Lifting devices for refuse collection vehicles (in preparation)
- Part 6: Electromagnetic compatibility (EMC) (in preparation)
- Amendment EN 1501-1/A1: Footboards

This European Standard is the second one of a series of standards dealing with specification, design, safety and testing of side loaded refuse collection vehicles (side loaded RCVs) and associated lifting devices.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, 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 the United Kingdom.

საინფორმაციო ნაწილი. სრული ტექსტის სახსრავად შეიძინეთ სტანდარტი.

Introduction

This European Standard is a type C standard as stated in EN ISO 12100-1.

The machinery concerned and the extent to which hazards, hazardous situations and events are covered are indicated in the scope of this European Standard.

When provisions of this type C standard are different from those which are stated in type A or B standards, the provisions of this type C standard take precedence over the provisions of the other standards, for machines that have been designed and built according to the provisions of this type C standard.

The series of standards should be read in conjunction with the documents developed by CEN/TC 183/WG 1 for mobile waste containers (series of standards EN 840), for stationary waste containers (series of standards EN 12574) and for selective collection containers emptied by the top (Type B of EN 13071) that are compatible with the lifting devices specified in these standards.

While producing this European Standard it was assumed that:

- only persons who have been appropriately trained will operate the side loaded RCV;
- components without specific requirements are designed in accordance with the usual engineering practice and calculation codes, including all failure modes, of sound mechanical and electrical construction and made of materials with adequate strength and of suitable quality;
- harmful materials, such as asbestos, are not used as part of the machine;
- components are kept in good repair and working order, so that the required characteristics remain despite wear within the specified limits as stated in the maintenance manual;
- by design of the load bearing elements, a safe operation of the machine is assured for loading ranging from zero to 100 % of the rated capacities and during the tests;
- the equipment shall be designed for operation with an ambient temperature between -10 °C and +40 °C;
- negotiation occurs between the manufacturer and the user concerning the specific uses and places of use of the machinery;
- the locations for use of the side loaded RCV are safe (e.g. tarmac road).

The standard is designed for careful consideration by designers, manufacturers, suppliers and users of side loaded RCVs.

1 Scope

This European Standard specifies the technical requirements to minimise the hazards listed in Clause 5 which can arise during the operation and the maintenance of side loaded refuse collection vehicles (side loaded RCVs) used for the collection, transportation and unloading of solid wastes and as intended by the manufacturer or his authorised representative.

This European Standard deals with:

- side loaded refuse collection vehicles as defined in Clauses 3 and 4;