

Securing of cargo on road vehicles - Body structure of commercial vehicles - Minimum requirements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12642:2006 sisaldab Euroopa standardi EN 12642:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 24.11.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12642:2006 consists of the English text of the European standard EN 12642:2006.</p> <p>This document is endorsed on 24.11.2006 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 applies to body structures on commercial vehicles and on trailers with a maximum total weight of more than 3 500 kg. This European Standard sets out basic minimum requirements for standard vehicle bodies (side walls, front and rear walls) and for reinforced vehicle bodies and specifies appropriate tests.</p>	<p>Scope:</p> <p>This European Standard applies to body structures on commercial vehicles and on trailers with a maximum total weight of more than 3 500 kg. This European Standard sets out basic minimum requirements for standard vehicle bodies (side walls, front and rear walls) and for reinforced vehicle bodies and specifies appropriate tests.</p>
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ICS 43.080.10

Võtmesõnad:

English Version

Securing of cargo on road vehicles - Body structure of commercial vehicles - Minimum requirements

Arrimage des charges à bord des véhicules routiers -
Structure de la carrosserie des véhicules utilitaires -
Exigences minimales

Ladungssicherung auf Straßenfahrzeugen - Aufbauten an
Nutzfahrzeugen - Mindestanforderungen

This European Standard was approved by CEN on 11 September 2006.

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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 Central Secretariat has the same status as the official versions.

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Foreword

This document (EN 12642:2006) has been prepared by Technical Committee CEN/TC 119 “Swap bodies for combined transport”, 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 April 2007, and conflicting national standards shall be withdrawn at the latest by April 2007.

This document supersedes EN 12642:2001.

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.

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Introduction

The aim of this revision is to introduce the definition of: Reinforced vehicle body structures able to take up a part of the forces to secure the cargo, an additional securing of cargo using lashing materials can be necessary and has to be determined by the consignor, the operator or the driver.

1 Scope

This European Standard applies to body structures on commercial vehicles and on trailers with a maximum total weight of more than 3 500 kg.

This European Standard sets out basic minimum requirements for standard vehicle bodies (side walls, front and rear walls) and for reinforced vehicle bodies and specifies appropriate tests.

This European Standard does not apply to swap bodies, nor to box type vans, i.e. vehicles where the driver cabin and the cargo space form one unit.

2 Normative references

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

EN 12640, *Securing of cargo on road vehicles — Lashing points on commercial vehicles for goods transportation — Minimum requirements and testing*

EN 12641-2, *Swap bodies and commercial vehicles — Tarpaulins — Part 2: Minimum requirements for curtainsiders*

ISO 15037-2, *Road vehicles — Vehicle dynamics test methods — Part 2: General conditions for heavy vehicles and buses*

3 Terms and definitions

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

3.1

standard vehicle body

vehicle body complying with the minimum requirements of 5.2 (performance code L according to Table 1) which, depending on cargo weight and friction, requires additional securing of cargo using lashing equipment

3.2

reinforced vehicle body

vehicle body, having a reinforced structure, and complying with the minimum requirements of 5.3 (performance code XL according to Table 1)

4 General requirements

Verification of conformity to this standard shall be provided either by static testing or by dynamic driving tests or by calculation.

Where the verification is carried out by testing and where body structures are produced in series (structures of the same design), type testing on one lorry or trailer, for which the structure has been designed is sufficient.

Where body structures are produced individually a calculation or test of the complete structure is required.

A calculation or test for the complete system consisting of front, rear and side walls, roof and floor is necessary for the entire structure even if individual components have been taken from sample structures