Teepiirdesüsteemid. Osa 5: Sõidukipiirdesüsteemidele esitatavad tootenõuded ja vastavushindamine

Road restraint systems - Part 5: Product requirements and y for evaluation of conformity for vehicle restraint systems



FESTI STANDARDI FESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1317-5:2007+A2:2012 sisaldab Euroopa standardi EN 1317-5:2007+A2:2012+AC:2012 ingliskeelset teksti.

This Estonian standard EVS-EN 1317-5:2007+A2:2012 consists of the English text of the European standard EN 1317-5:2007+A2:2012+AC:2012.

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EUROPEAN STANDARD

EN 1317-5:2007+A2

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English Version

Road restraint systems - Part 5: Product requirements and evaluation of conformity for vehicle restraint systems

Dispositifs de retenue routiers - Partie 5: Exigences relatives aux produits et évaluation de la conformité pour les dispositifs de retenue pour véhicules

Rückhaltesysteme an Straßen - Teil 5: Anforderungen an die Produkte, Konformitätsverfahren und -bewertung für Fahrzeugrückhaltesysteme

This European Standard was approved by CEN on 28 September 2006 and includes Amendment 1 approved by CEN on 30 May 2008 and Amendment 2 approved by CEN on 23 January 2012.

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EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 1317-5:2007+A2:2012) has been prepared by Technical Committee CEN/TC 226 "Road equipment", the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by September 2012 and conflicting national standards shall be withdrawn at the latest by September 2012.

This document includes Amendment 1, approved by CEN on 2008-05-30 and Amendment 2, approved by CEN on 2012-01-23.

This document supersedes \triangle EN 1317-5:2007+A1:2008 \triangle .

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{\mathbb{A}_1}$ $\boxed{\mathbb{A}_2}$ $\boxed{\mathbb{A}_2}$.

This document 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).

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

This European Standard consists of this document and the following parts under the general title: *Road restraint systems*.

- Part 1: Terminology and general criteria for test methods
- Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers
- Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions
- Part 4: Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safety barriers
- Part 6: Pedestrian restraint system

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, Croatia, 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, Turkey and United Kingdom.

Introduction

This document is a product standard for vehicle restraint systems placed on the market.

This document is designed for use in conjunction with Parts 1, 2, 3, ENV 1317 part 4 (to be replaced with prEN 1317 part 4 and 7).

To ensure the full performance of road restraint systems in use, their production and installation is intended to be controlled in accordance with this document. (A2)

1 Scope

This European Standard specifies requirements for evaluation of conformity of the following vehicle restraint systems:

- a) safety barriers;
- b) crash cushions;
- terminals (will be effective when ENV 1317-4 becomes an EN);
- d) transitions (will be effective when ENV 1317-4 becomes an EN);
- e) vehicle / pedestrian parapets (only for the vehicle restraint function).

Pedestrian parapet requirements are not covered in this document.

Requirements for the evaluation of durability with respect to weathering are included in this document.

Requirements for other forms of durability (e.g. marine environment, sand abrasion) are not included.

Temporary barriers are not within the scope of this document.

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 206-1, Concrete - Part 1: Specification, performance, production and conformity

A EN 335-1, Durability of wood and wood-based products – Definition of use classes – Part 1: General

EN 335-2, Durability of wood and wood-based products – Definition of use classes – Part 2: Application to solid wood [A]

EN 1317-1, Road restraint systems - Part 1: Terminology and general criteria for test methods

EN 1317-2:2010, Road restraint systems – Part 2: Performance classes, impact test acceptance criteria and test methods for safety barriers including vehicle parapets [42]

♠ EN 1317-3:2010 ♠ Road restraint systems – Part 3: Performance classes, impact test acceptance criteria and test methods for crash cushions

ENV 1317-4:2001 (2), Road restraint systems – Part 4: Performance classes, impact test acceptance criteria and test methods for terminals and transitions of safety barriers

prEN 1317-6, Road restraint systems – Pedestrian restraint systems, pedestrian parapet

[A] EN 10346, Continuously hot-dip coated steel flat products – Technical delivery conditions (A)

EN 13369, Common rules for precast concrete products

EN ISO 1461, Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods (ISO 1461:1999)

🖎 EN ISO 9001:2008, Quality management systems – Requirements (ISO 9001:2008) 🔄