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**Mehanske vibracije - Laboratorijska metoda za ovrednotenje vibracij sedežev vozil  
- 1. del: Osnovne zahteve (ISO 10326-1:1992)**

Mechanical vibration - Laboratory method for evaluating vehicle seat vibration - Part 1:  
Basic requirements (ISO 10326-1:1992)

Mechanische Schwingungen - Laborverfahren zur Bewertung der Schwingungen von  
Fahrzeugsitzen - Grundlegende Anforderungen (ISO 10326-1:1992)

Vibrations mécaniques - Méthode en laboratoire pour l'évaluation des vibrations du siege  
de véhicule - Partie 1: Exigences de base (ISO 10326-1:1992)

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**Ta slovenski standard je istoveten z: EN 30326-1:1994**

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**ICS:**

13.160	Vpliv vibracij in udarcev na ljudi	Vibration and shock with respect to human beings
43.020	Cestna vozila na splošno	Road vehicles in general
45.020	Železniška tehnika na splošno	Railway engineering in general

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EUROPEAN STANDARD

EN 30326-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1994

UDC 534.1:614.872.5:629.1.042.2

Descriptors: Road vehicles, motor vehicles, mobile equipment, vibration, seats, tests, laboratory tests, vibration tests, damping tests, human body

English version

**Mechanical vibration - Laboratory method for  
evaluating vehicle seat vibration - Part 1: Basic  
requirements (ISO 10326-1:1992)**

Vibrations mécaniques - Méthode en laboratoire pour l'évaluation des vibrations du siège de véhicule - Partie 1: Exigences de base (ISO 10326-1:1992)

Mechanische Schwingungen - Laborverfahren zur Bewertung der Schwingungen von Fahrzeugsitzen - Grundlegende Anforderungen (ISO 10326-1:1992)

This European Standard was approved by CEN on 1994-05-12. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

## Foreword

This European Standard was taken over by the Technical Committee CEN/TC 231 "Mechanical vibration and shock" from the work of ISO/TC 108 "Mechanical vibration and shock" of the International Standards Organization (ISO).

CEN/TC 231 had decided to submit the final draft for Unique Acceptance Procedure. The result was positive.

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 November 1994, and conflicting national standards shall be withdrawn at the latest by November 1994.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

## Endorsement notice

The text of the International Standard ISO 10326-1:1992 was approved by CEN as a European Standard without any modification.

**NOTE: Normative references to international publications are listed in annex ZA (normative).**

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**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8041	1990	Human response to vibration	ENV 28041	1993

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# INTERNATIONAL STANDARD

**ISO**  
**10326-1**

First edition  
1992-11-15

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## **Mechanical vibration — Laboratory method for evaluating vehicle seat vibration —**

### **Part 1:**

**Basic requirements**  
**(standards.iteh.ai)**

*Vibrations mécaniques — Méthode en laboratoire pour l'évaluation des  
vibrations du siège de véhicule —  
Partie 1: Exigences de base*

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Reference number  
ISO 10326-1:1992(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 10326-1 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*, Sub-Committee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

ISO 10326 consists of the following parts, under the general title *Mechanical vibration — Laboratory method for evaluating vehicle seat vibration*:

- *Part 1: Basic requirements*
- *Part 2: Application to railway vehicles*

Annex A of this part of ISO 10326 is for information only.

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## Introduction

Drivers, staff and passengers of vehicles (land, air or water) and mobile off-road machinery are exposed to mechanical vibration which interferes with their comfort, working efficiency and, in some circumstances, safety and health. The following basic requirements have therefore been developed for the laboratory testing of vibration transmission through a vehicle seat to the occupant.

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