

**SLOVENSKI STANDARD**  
**SIST EN ISO 11201:2009**

**01-november-2009**

**BUXca Yý U**

**SIST EN ISO 11201:1997**

**SIST EN ISO 11201:1997/AC:1999**

5\_i gh\_U! '9a ]gj^U\ fi dU' bUdfUj ]b`cdfYa Y!' A Yf ^b^YfUj b]`nj c bY[ UñU\_UbU  
a Ygh`XY`cj Ub^U]b`bUXfi [ ] `cdfYXY ^b] `a Ygh`!`bYb]fg\_Ua YtcXUj `dfYH`ybc  
dfcghYa `nj c bYa `dc`f `bUX`cXVc`bc`fUj b]bc`fGC`%&\$%%- ) žj\_`f `bc`g  
dcdfUj\_`ca `7cf`%%- +L

Acoustics - Noise emitted by machinery and equipment - Measurement of emission sound pressure levels at a work station and at other specified positions - Engineering method in an essentially free field (over a reflecting plane) (ISO 11201:1995, including Cor 1:1997)

[SIST EN ISO 11201:2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-4330ca9248ca-iso-11201-2009)

[https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-4330ca9248ca-iso-11201-2009)

Akustik - Geräuschabstrahlung von Maschinen und Geräten - Messung von Emissions-Schalldruckpegeln am Arbeitsplatz und an anderen festgelegten Orten - Verfahren der Genauigkeitsklasse 2 für ein im wesentlichen freies Schallfeld über einer reflektierenden Ebene (ISO 11201:1995, einschließlich Cor 1:1997)

Acoustique - Bruit émis par les machines et équipements - Mesurage des niveaux de pression acoustique d'émission au poste de travail et en d'autres positions spécifiées - Méthode d'expertise dans des conditions approchant celles du champ libre sur plan réfléchissant (ISO 11201:1995, Cor 1:1997 inclus)

**Ta slovenski standard je istoveten z: EN ISO 11201:2009**

**ICS:**

17.140.20	Emisija hrupa naprav in opreme	Noise emitted by machines and equipment
-----------	--------------------------------	---

**SIST EN ISO 11201:2009**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 11201:2009

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>

EUROPEAN STANDARD

EN ISO 11201

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2009

ICS 17.140.20

Supersedes EN ISO 11201:1995

English Version

Acoustics - Noise emitted by machinery and equipment -  
Measurement of emission sound pressure levels at a work  
station and at other specified positions - Engineering method in  
an essentially free field over a reflecting plane (ISO 11201:1995,  
including Cor 1:1997)

Acoustique - Bruit émis par les machines et équipements -  
Mesurage des niveaux de pression acoustique d'émission  
au poste de travail et en d'autres positions spécifiées -  
Méthode d'expertise dans des conditions approchant celles  
du champ libre sur plan réfléchissant (ISO 11201:1995, Cor  
1:1997 inclus)

Akustik - Geräuschabstrahlung von Maschinen und  
Geräten - Messung von Emissions-Schalldruckpegeln am  
Arbeitsplatz und an anderen festgelegten Orten - Verfahren  
der Genauigkeitsklasse 2 für ein im wesentlichen freies  
Schallfeld über einer reflektierenden Ebene (ISO  
11201:1995, einschließlich Cor 1:1997)

iTech STANDARD PREVIEW

This European Standard was approved by CEN on 27 July 2009.

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 CEN Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>3</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC</b> .....	<b>4</b>
<b>Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC</b> .....	<b>5</b>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 11201:2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009)

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>

## Foreword

The text of ISO 11201:1995, including Cor 1:1997 has been prepared by Technical Committee ISO/TC 43 "Acoustics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11201:2009 by Technical Committee CEN/TC 211 "Acoustics" the secretariat of which is held by DS.

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 February 2010, and conflicting national standards shall be withdrawn at the latest by February 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 supersedes EN ISO 11201:1995.

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 EC Directives.

For relationship with EC Directives, see informative Annexes ZA and ZB, which are integral parts of this document.

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.

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>

### Endorsement notice

The text of ISO 11201:1995, including Cor 1:1997 has been approved by CEN as a EN ISO 11201:2009 without any modification.

## **Annex ZA** (informative)

### **Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 98/37/EC, amended by 98/79/EC on machinery.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations.

**WARNING** - Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 11201:2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009)

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>

## **Annex ZB** (informative)

### **Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2006/42/EC on machinery.

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations.

**WARNING** — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

## **iTeh STANDARD PREVIEW** (standards.iteh.ai)

[SIST EN ISO 11201:2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009)

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 11201:2009

<https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-843503eeca92/sist-en-iso-11201-2009>



INTERNATIONAL  
STANDARD

**ISO**  
**11201**

First edition  
1995-12-15

---

---

**Acoustics — Noise emitted by machinery  
and equipment — Measurement of  
emission sound pressure levels at a work  
station and at other specified positions —  
Engineering method in an essentially free  
field over a reflecting plane**

[SIST EN ISO 11201:2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-842503eeca92/sist-en-iso-11201-2009)

[https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-842503eeca92/sist-en-iso-11201-2009)

[842503eeca92/sist-en-iso-11201-2009](https://standards.iteh.ai/catalog/standards/sist/9d32171a-47d8-426d-aaad-842503eeca92/sist-en-iso-11201-2009)

*Acoustique — Bruit émis par les machines et équipements — Mesurage  
des niveaux de pression acoustique d'émission au poste de travail et en  
d'autres positions spécifiées — Méthode d'expertise dans des conditions  
approchant celles du champ libre sur plan réfléchissant*



Reference number  
ISO 11201:1995(E)

**ISO 11201:1995(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 11201 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

Annexes A, B and C of this International Standard are for information only.

**ITeH STANDARD PREVIEW**  
**(standards.iteh.ai)**  
SIST EN ISO 11201:2009  
<https://standards.iteh.ai/catalog/standards/sist/en-iso-11201-2009>  
a-47d8-426d-aaad-843503ecca92/sist-en-iso-11201-2009

© ISO 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

## Introduction

**0.1** This International Standard specifies a method for measuring the emission sound pressure levels at a work station and at other specified positions, in the vicinity of a machine or piece of equipment, in an essentially free field over a reflecting plane. In general, these sound pressure levels will be equal to or lower than those that would occur when the machinery or equipment is operating in its normal surroundings. This is because the sound pressure levels are determined by excluding the effects of background noise, as well as the effects of reflections other than those from the reflecting plane on which the machine under test is placed.

**0.2** This International Standard is one of a series (ISO 11200 to ISO 11204) which specifies various methods for determining the noise emissions of a piece of machinery or equipment, or a sub-assembly of such equipment (machine under test). ISO 11200 gives guidance on the choice of the method to be used to determine the emission sound pressure levels of machinery and equipment. It also gives details of International Standards giving methods for the determination of sound power levels.

<https://standards.iteh.ai/catalog/standards/sist-en-iso-11201-2009>