



SLOVENSKI STANDARD
SIST EN ISO 11203:1997

01-april-1997

Akustika - Emisija hrupa naprav in opreme - Ugotavljanje emisijske ravni zvočnega tlaka na mestu delovanja in na drugih opredeljenih mestih z ravni zvočne moči (ISO 11203:1995)

Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995)

Akustik - Geräuschabstrahlung von Maschinen und Geräten - Bestimmung von Emissions-Schalldruckpegeln am Arbeitsplatz und an anderen festgelegten Orten (ISO 11203:1995)

Acoustique - Bruit émis par les machines et équipements - Détermination des niveaux de pression acoustique d'émission au poste de travail et en d'autres positions spécifiées a partir du niveau de puissance acoustique (ISO 11203:1995)

Ta slovenski standard je istoveten z: EN ISO 11203:1995

ICS:

17.140.20	Emisija hrupa naprav in opreme	Noise emitted by machines and equipment
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SIST EN ISO 11203:1997 en

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EUROPEAN STANDARD

EN ISO 11203

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1995

ICS 17.140.00

Descriptors: acoustics, operating stations, human factors engineering, noise : sound, engine noise, acoustic measurements, sound pressure, level quantity

English version

Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level (ISO 11203:1995)

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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.

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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

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Ref. No. EN ISO 11203:1995 E

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EN 11203:1995

Foreword

The text of the International Standard ISO 11203:1995 has been prepared by the Technical Committee ISO/TC 43 "Acoustics" in collaboration with the Technical Committee CEN/TC 211 "Acoustics".

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 June 1996, and conflicting national standards shall be withdrawn at the latest by June 1996.

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).

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Endorsement notice

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The text of the International Standard ISO 11203:1995 was approved by CEN as a European Standard without any modification.

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 3741	1988	Acoustics - Determination of sound power levels of noise sources - Precision methods for broad-band sources in reverberation rooms	EN 23741	1991
ISO 3742	1988	Acoustics - Determination of sound power levels of noise sources - Precision methods for discrete-frequency and narrow-band sources in reverberation rooms	EN 23742	1991
ISO 3743-1	1994	Acoustics - Determination of sound power levels of noise sources - Engineering methods for small, movable sources in reverberant fields - Part 1: Comparison method for hard-walled test rooms	EN ISO 3743-1	1995
ISO 3744	1994	Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering method in an essentially free field over a reflecting plane	EN ISO 3744	1995
ISO 3746	1995	Acoustics - Determination of sound power levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane	EN ISO 3746	1995
ISO 9614-1	1993	Acoustics - Determination of sound power levels of noise sources using sound intensity - Part 1: Measurement at discrete points	EN ISO 9614-1	1995
ISO 11200	1995	Acoustics - Noise emitted by machinery and equipment - Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions	EN ISO 11200	1995

MODIFIED

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The text of the International Standard ISO 11203:1995 has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 211 "Acoustics", the secretariat of which is held by DS.

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NOTE: Normative references to International Standards are listed in annex ZA (normative).

INTERNATIONAL
STANDARD

ISO
11203

First edition
1995-12-15

**Acoustics — Noise emitted by machinery
and equipment — Determination of
emission sound pressure levels at a work
station and at other specified positions
from the sound power level**

<https://standards.it> <https://standards.iso.org/iso/11203-1997>
*Acoustique — Bruit émis par les machines et équipements —
Détermination des niveaux de pression acoustique d'émission au poste
de travail et en d'autres positions spécifiées à partir du niveau de
puissance acoustique*



Reference number
ISO 11203:1995(E)

ISO 11203:1995(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 11203 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

Annex A of this International Standard is for information only.

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International Organization for Standardization
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Printed in Switzerland

Introduction

0.1 This International Standard specifies methods for determining the emission sound pressure levels at a work station and at other specified positions in the vicinity of machinery and equipment from the sound power level. In general, these sound pressure levels are different from those that would be observed when the machinery or equipment is operating in its normal surroundings where the environment may influence the emission sound pressure level.

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.

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