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DIN EN ISO 11200

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Supersedes
DIN EN ISO 11200:2014-10

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 (ISO 11200:2014 + Amd. 1:2018); English version EN ISO 11200:2014 + A1:2020, English translation of DIN EN ISO 11200:2020-10

Akustik –
Geräuschabstrahlung von Maschinen und Geräten –
Leitlinien zur Anwendung der Grundnormen zur Bestimmung von Emissions-Schalldruckpegeln am Arbeitsplatz und an anderen festgelegten Orten
(ISO 11200:2014 + Amd. 1:2018);
Englische Fassung EN ISO 11200:2014 + A1:2020,
Englische Übersetzung von DIN EN ISO 11200:2020-10

Acoustique –
Bruit émis par les machines et équipements –
Guide d'utilisation des normes de base pour la détermination des niveaux de pression acoustique d'émission au poste de travail et en d'autres positions spécifiées
(ISO 11200:2014 + Amd. 1:2018);
Version anglaise EN ISO 11200:2014 + A1:2020,
Traduction anglaise de DIN EN ISO 11200:2020-10

Document comprises 49 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

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A comma is used as the decimal marker.

National foreword

This document (EN ISO 11200:2014 + A1:2020) has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 211 "Acoustics" (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN/VDI-Normenausschuss Akustik, Lärmminderung und Schwingungstechnik* (DIN/VDI Standards Committee Acoustics, Noise Control and Vibration Engineering), Working Committee NA 001-01-04 AA "Noise emission of machinery and equipment; measurement, reduction, data collection".

This standard includes Amendment 1 approved by CEN on 2019-11-20.

The start and finish of text introduced or altered by amendment is indicated in the text by tags ⟦A1⟩ ⟨A1⟧.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 3740	DIN EN ISO 3740
ISO 3741	DIN EN ISO 3741
ISO 3743-1	DIN EN ISO 3743-1
ISO 3744	DIN EN ISO 3744
ISO 3745	DIN EN ISO 3745
ISO 3746	DIN EN ISO 3746
ISO 3747	DIN EN ISO 3747
ISO 4871	DIN EN ISO 4871
ISO 9612	DIN EN ISO 9612
ISO 9614-1	DIN EN ISO 9614-1
ISO 9614-2	DIN EN ISO 9614-2
ISO 9614-3	DIN EN ISO 9614-3
ISO 11201:2010	DIN EN ISO 11201:2010-10
ISO 11202:2010	DIN EN ISO 11202:2010-10
ISO 11203:1995	DIN EN ISO 11203:1996-07
ISO 11204:2010	DIN EN ISO 11204:2010-10
ISO 11205:2003	DIN EN ISO 11205:2004-05
ISO/TR 11690-3	DIN EN ISO 11690-3
ISO 12001	DIN EN ISO 12001
IEC 60942	DIN EN IEC 60942
IEC 61043	DIN EN 61043
IEC 61672-1	DIN EN 61672-1

Amendments

This standard differs from DIN EN ISO 11200:2014-10 as follows:

a) normative references have been updated;

b) a requirement in Clause A.2 has been revised;

c) Figure B.1 and Figure B.2 have been revised;

d) the standard has been editorially revised.

Previous editions

DIN 45635: 1970-03
DIN 45635-1: 1972-01, 1984-04
DIN EN ISO 11200: 1996-07, 2010-01, 2014-10

National Annex NA
(informative)

Bibliography

DIN EN 61043, *Electroacoustics — Instruments for the measurement of sound intensity — Measurement with pairs of pressure sensing microphones*

DIN EN 61672-1, *Electroacoustics — Sound level meters — Part 1: Specifications*

DIN EN IEC 60942, *Electroacoustics — Sound calibrators*

DIN EN ISO 3740, *Acoustics — Determination of sound power levels of noise sources — Guidelines for the use of basic standards*

DIN EN ISO 3741, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Precision methods for reverberation test rooms*

DIN EN ISO 3743-1, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering methods for small, movable sources in reverberant fields — Part 1: Comparison method for a hard-walled test room*

DIN EN ISO 3744, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering methods for an essentially free field over a reflecting plane*

DIN EN ISO 3745, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Precision methods for anechoic rooms and hemi-anechoic rooms*

DIN EN ISO 3746, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane*

DIN EN ISO 3747, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Engineering/survey methods for use in situ in a reverberant environment*

DIN EN ISO 4871, *Acoustics — Declaration and verification of noise emission values of machinery and equipment*

DIN EN ISO 9612, *Acoustics — Determination of occupational noise exposure — Engineering method*

DIN EN ISO 9614-1, *Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 1: Measurement at discrete points*

DIN EN ISO 9614-2, *Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 2: Measurement by scanning*

DIN EN ISO 9614-3, *Acoustics — Determination of sound power levels of noise sources using sound intensity — Part 3: Precision method for measurement by scanning*

DIN EN ISO 11201:2010-10, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections (ISO 11201:2010)*

DIN EN ISO 11202:2010-10, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11202:2010)*

DIN EN ISO 11203:1996-07, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections (ISO 11203:1995)*

DIN EN ISO 11204:2010-10, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying Exact environmental corrections (ISO 11204:2010)*

DIN EN ISO 11205:2004-05, *Acoustics — Noise emitted by machinery and equipment — Engineering method for the determination of emission sound pressure levels in situ at the work station and at other specified positions using sound intensity (ISO 11205:2003)*

DIN EN ISO 11690-3, *Acoustics — Recommended practice for the design of low-noise workplaces containing machinery — Part 3: Sound propagation and noise prediction in workrooms*

DIN EN ISO 12001, *Acoustics — Noise emitted by machinery and equipment — Rules for the drafting and presentation of a noise test code*

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