

# DIN EN ISO 11200:2020-10 (E)

**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) (includes Amendment :2020)**

---

<b>Contents</b>		Page
<b>Foreword</b> .....		3
<b>▣<sup>A1</sup> European foreword to Amendment <sup>A1</sup></b> .....		4
<b>Introduction</b> .....		5
<b>1 Scope</b> .....		7
<b>2 Normative references</b> .....		7
<b>3 Terms and definitions</b> .....		8
<b>4 Emission sound pressure level at work stations and other specified positions</b> .....		14
4.1 Physical background.....		14
4.2 Difference between noise exposure level of persons and noise emission level.....		15
4.3 Difference between sound power level of machinery and sound pressure level.....		15
4.4 Reasons for determining the emission sound pressure level.....		15
4.5 How the source directivity is handled in the ISO 11201, ISO 11202, ISO 11203, ISO 11204 and ISO 11205 group.....		16
<b>5 Overview of the methods offered in the ISO 11201, ISO 11202, ISO 11203, ISO 11204 and ISO 11205 group for determining the emission sound pressure level at work stations and other specified positions</b> .....		16
<b>6 Selection of the most appropriate method from the group</b> .....		20
6.1 Quantities to be measured and determined.....		20
6.2 Considerations affecting choice of method .....		20
6.3 Considerations for the selection of the most appropriate method.....		23
6.4 Synopses.....		23
<b>7 Selection of specified positions</b> .....		27
<b>8 Treatment of measurement uncertainty in ISO 11201, 11202 and 11204</b> .....		27
<b>Annex A (informative) Test site and environmental correction <math>K_2</math> — Some guidance</b> .....		29
<b>Annex B (informative) Case studies</b> .....		31
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC on machinery</b> .....		42
<b>Bibliography</b> .....		43