

DIN EN ISO 3740:2001-03 (E)

Determination of sound power levels of noise sources - Guidelines for the use of basic standards (ISO 3740:2000); English version of DIN EN ISO 3740

Contents		Page
Foreword.....		2
Introduction		3
1 Scope		5
2 Normative references		5
3 Terms and definitions		6
4 Determination of sound power levels.....		9
4.1 Reasons for the determination of sound power levels.....		9
4.2 Methodology.....		9
5 Noise declaration according to ISO 4871		10
6 Selection of the appropriate International Standard for determination of sound power levels		10
6.1 Quantities to be measured and determined.....		10
6.2 Considerations affecting choice of method.....		10
6.3 Synopses		10
6.4 Test environments		10
6.5 Measurement uncertainty		11
6.6 Procedure for selection.....		11
Annex A (normative) Synopses of basic International Standards on sound power level determinations.....		15
Annex B (informative) Acoustical test environments.....		23
Annex C (informative) Factors affecting the choice of measurement method		25
Annex D (informative) Guidance on the choice of appropriate International Standard for determining the sound power level of a sound source.....		27
Bibliography		29