

ISO 6926:1999-12 (E)

Acoustics - Requirements for the performance and calibration of reference sound sources used for the determination of sound power level

Contents	Page
Foreword	iv
Introduction	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions	2
4 Measurement uncertainty	4
5 Performance requirements.....	5
5.1 General	5
5.2 Temporal steadiness and repeatability of sound power output.....	5
5.3 Total broad-band sound power level.....	5
5.4 Spectral characteristics	5
5.5 Directivity index.....	6
5.6 Recalibration	6
6 Installation and operation of the reference sound source during calibration	6
6.1 General	6
6.2 Position of the reference source	7
7 Calibration procedure in hemi-anechoic rooms	7
7.1 Test environment.....	7
7.2 Microphone	7
7.3 Microphone positions	7
7.4 Measurements	8
7.5 Air absorption	8
7.6 Calculations	8
8 Calibration procedure in reverberation rooms.....	9
8.1 Test environment.....	9
8.2 Microphone	9
8.3 Microphone positions	9
8.4 Measurements	9
8.5 Calculations	9
9 Information to be recorded.....	10
10 Information to be reported	10
Bibliography.....	11