

Australian Standard[®]

**Acoustics—Statistical methods
for determining and verifying
stated noise emission values of
machinery and equipment**

**Part 2: Methods for stated values
for individual machines**

[ISO title: Acoustics— Statistical methods for determining and verifying
stated noise emission values of machinery and equipment
Part 2: Methods for stated values for individual machines]

This Australian Standard was prepared by Committee AV/6, Acoustics, Machinery Noise. It was approved on behalf of the Council of Standards Australia on 26 April 1990 and published on 17 September 1990.

The following interests are represented on Committee AV/6:

Australian and New Zealand Environment Council
Australian Coal Association
Australian Compressed Air and Mining Equipment Institute
Australian Federation of Construction Contractors
Confederation of Australian Industry
Construction Equipment Importers and Manufacturers of Australia
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PREFACE

This Standard was prepared by the Standards Australia Committee on Acoustics, Machinery Noise. It is identical with and has been reproduced from ISO 7574/2 — 1985, *Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment—Part 2: Methods for stated values for individual machines*.

This Standard is one of the series which deals with statistical methods for determining and verifying noise emission values of machines and equipment, the series being arranged as follows:

Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment.

Part 1: *General considerations and definitions*

Part 2: *Methods for stated values for individual machines (this Standard)*

Part 3: *Simple (transition) method for stated values for batches of machines*

Part 4: *Methods for stated values for batches of machines*

For the purpose of this Australian Standard, the ISO text should be modified as follows:

References: The references to International Standards should be replaced by references to Australian Standards.

<i>Reference to International Standards</i>	<i>Australian Standard</i>
ISO	AS
3741 Acoustics—Determination of sound power levels of noise sources—Precision methods for broad-band sources in reverberation rooms	1217 Acoustics—Determination of sound power levels of noise sources 1217.2 Part 2: Precision methods for broad-band sources in reverberation rooms
3742 Acoustics—Determination of sound power levels of noise sources—Precision methods for discrete-frequency and narrow-band sources in reverberation rooms	1217.3 Part 3: Precision methods for discrete-frequency and narrow-band sources in reverberation rooms
3743 Acoustics—Determination of sound power levels of noise sources—Engineering methods for special reverberation test rooms	1217.4 Part 4: Engineering methods for special reverberation test rooms
3744 Acoustics—Determination of sound power levels of noise sources—Engineering methods for free-field conditions over a reflecting plane	1217.5 Part 5: Engineering methods for free-field conditions over a reflecting plane
3745 Acoustics—Determination of sound power levels of noise sources—Precision methods for anechoic and semi-anechoic rooms	1217.6 Part 6: Precision methods for anechoic and semi-anechoic rooms
3746 Acoustics—Determination of sound power levels of noise sources—Survey method	1217.7 Part 7: Survey method
4871 Acoustics—Noise labelling of machinery and equipment	3781 Acoustics—Noise labelling of machinery and equipment
7574 Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment	3782 Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment
7574/1 Part 1: General considerations and definitions	3782.1 Part 1: General considerations and definitions
7574/4 Part 4: Methods for stated values for batches of machines	3782.4 Part 4: Methods for stated values for batches of machines

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