

AS 3781—1990
ISO 4871—1984

Australian Standard[®]

**Acoustics—Noise labelling of
machinery and equipment**

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
Council of the City of Sydney
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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 4871—1984, *Acoustics—Noise labelling of machinery and equipment*.

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.

Reference to International Standards

ISO

- 3740 Acoustics—Determination of sound power levels of noise sources—Guidelines for the use of basic standards and for the preparation of noise test codes
- 3741 Acoustics—Determination of sound power levels of noise sources—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
- 3743 Acoustics—Determination of sound power levels of noise sources—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
- 3745 Acoustics—Determination of sound power levels of noise sources—Precision methods for anechoic and semi-anechoic rooms
- 3746 Acoustics—Determination of sound power levels of noise sources—Survey method
- 7574 Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment
- 7574/1 Part 1: General considerations and definitions
- 7574/2 Part 2: Methods for stated values for individual machines
- 7574/3 Part 3: Simple (transition) method for stated values for batches of machines
- 7574/4 Part 4: Methods for stated values for batches of machines

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- 1217 Acoustics—Determination of sound power levels of noise sources
Part 1: Guidelines for the use of basic Standards for the preparation of noise test codes
- 1217.2 Part 2: Precision methods for broad-band sources in reverberation rooms
- 1217.3 Part 3: Precision methods for discrete-frequency and narrow-band sources in reverberation rooms
- 1217.4 Part 4: Engineering methods for special reverberation test rooms
- 1217.5 Part 5: Engineering methods for free-field conditions over a reflecting plane
- 1217.6 Part 6: Precision methods for anechoic and semi-anechoic rooms
- 1217.7 Part 7: Survey method
- 3782 Acoustics—Statistical methods for determining and verifying stated noise emission values of machinery and equipment
- 3782.1 Part 1: General considerations and definitions
- 3782.2 Part 2: Methods for stated values for individual machines
- 3782.3 Part 3: Simple (transition) method for stated values for batches of machines
- 3782.4 Part 4: Methods for stated values for batches of machines