



**Acoustics—Determination of high-frequency sound power levels emitted by machinery and equipment**

STANDARDS  
Australia



AS ISO 9295:2019

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The following are represented on Committee EV-010:

- Association of Australasian Acoustical Consultants
- Australian Acoustical Society
- Austroads
- Bureau of Steel Manufacturers of Australia
- Department of Defence (Australian Government)
- Engineers Australia
- University of Sydney

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# **Acoustics—Determination of high-frequency sound power levels emitted by machinery and equipment**

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## Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee EV-010, Acoustics Community Noise, to supersede AS 3756—1990, *Acoustics—Measurement of high-frequency noise emitted by computer and business equipment*.

The objective of this Standard is to specify four methods for the determination of the sound power levels of high-frequency noise emitted by machinery and equipment in the frequency range covered by the octave band centred at 16 kHz, which includes frequencies between 11,2 kHz and 22,4 kHz. They are complementary to the methods described in ISO 3741 and ISO 3744. The first three methods are based on the reverberation test room technique. The fourth method makes use of a free field over a reflecting plane.

This Standard is identical with, and has been reproduced from, ISO 9295-2015, *Acoustics — Determination of high-frequency sound power levels emitted by machinery and equipment*.

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