
**Reciprocating internal combustion
engines — Measurement of sound
power level using sound pressure —
Part 2:
Survey method**

*Moteurs alternatifs à combustion interne — Mesurage du niveau de
puissance acoustique à partir de la pression acoustique —*

Partie 2: Méthode de contrôle

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Foreword

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This document was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*.

This first edition of ISO 6798-2, together with ISO 6798-1, cancels and replaces ISO 6798:1995, which has been technically revised. The main changes compared to the previous edition are as follows:

- the requirements of the test environment and the measurement uncertainty have been changed;
- the accuracy of measurement results has been changed from 1 dB to 0,1 dB;
- the calculation of background noise correction has been changed from table method to Formula method;
- the requirements of installation of engine and auxiliaries have been changed to be specified clearly;
- the specification for measurement units has been added;
- the criterion for position adequacy of microphone has been added;
- the criterion for acoustic adequacy of test environment has been improved.

A list of all parts in the ISO 6798 series can be found on the ISO website.

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