

# INTERNATIONAL STANDARD

**ISO**  
**8528-9**

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## **Reciprocating internal combustion engine driven alternating current generating sets —**

### **Part 9:**

Measurement and evaluation of mechanical  
vibrations

*Groupes électrogènes à courant alternatif entraînés par moteurs alternatifs  
à combustion interne —*

*Partie 9 Mesurage et évaluation des vibrations mécaniques*



Reference number  
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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8528-9 was prepared by Technical Committee ISO/TC 70, *Internal combustion engines*, Subcommittee SC 2, *Performance and tests*.

ISO 8528 consists of the following parts, under the general title *Reciprocating internal combustion engine driven alternating current generating sets*:

- *Part 1: Application, ratings and performance*
- *Part 2: Engines*
- *Part 3. Alternating current generators for generating sets*
- *Part 4. Controlgear and switchgear*
- *Part 5: Generating sets*
- *Part 6: Test methods*
- *Part 7: Technical declarations for specification and design*
- *Part 8: Requirements and tests for low-power generating sets*
- *Part 9: Measurement and evaluation of mechanical vibrations*

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- *Part 10: Measurement of airborne noise by the enveloping surface method*
- *Part 11: Dynamic uninterruptible power supply systems*
- *Part 12: Emergency power supply to safety services*

Annexes A, B, C, D and E of this part of ISO 8528 are for information only