

INTERNATIONAL STANDARD

ISO
7919-1

Second edition
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Mechanical vibration of non-reciprocating machines — Measurements on rotating shafts and evaluation criteria —

Part 1: General guidelines

*Vibrations mécaniques des machines non alternatives — Mesurages sur
les arbres tournants et critères d'évaluation —*

Partie 1: Directives générales



Reference number
ISO 7919-1:1996(E)

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 7919-1 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

This second edition of ISO 7919-1 cancels and replaces the first edition (ISO 7919-1:1986), which has been technically revised.

ISO 7919 consists of the following parts, under the general title *Mechanical vibration of non-reciprocating machines — Measurements on rotating shafts and evaluation criteria*:

- *Part 1: General guidelines*
- *Part 2: Large land-based steam turbine generator sets*
- *Part 3: Coupled industrial machines*
- *Part 4: Gas turbine sets*
- *Part 5: Machine sets in hydraulic power generating and pumping plants*

Annex A forms an integral part of this part of ISO 7919. Annexes B, C, D and E are for information only.

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International Organization for Standardization
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