

INTERNATIONAL STANDARD

ISO 7626-2

First edition
1990-02-01

Vibration and shock — Experimental determination of mechanical mobility —

Part 2 : Measurements using single-point translation excitation with an attached vibration exciter

*Vibrations et chocs — Détermination expérimentale de la mobilité mécanique —
Partie 2 : Mesurages avec utilisation d'une excitation de translation en un seul
point, au moyen d'un générateur de vibrations solidaire de ce point*



Reference number
ISO 7626-2 : 1990 (E)

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International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

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 approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7626-2 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*.

ISO 7626 will consist of the following parts, under the general title *Vibration and shock* — *Experimental determination of mechanical mobility*:

- *Part 1: Basic definitions and transducers*
- *Part 2: Measurements using single-point translation excitation with an attached vibration exciter*
- *Part 3: Mobility measurements using rotational excitation at a single point*
- *Part 4: Measurements of the entire mobility matrix using attached exciters*
- *Part 5: Measurement using impact excitation with an exciter which is not attached to the structure*
- *Part 6: Mobility data interchange format*
- *Part 7: Modal parameter estimation*

Annexes A and B form an integral part of this part of ISO 7626. Annexes C and D are for information only.