

INTERNATIONAL STANDARD

**ISO
8041**

First edition
1990-07-15

Human response to vibration — Measuring instrumentation

Réponse des individus aux vibrations — Appareillage de mesure



Reference number
ISO 8041 : 1990 (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 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 8041 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*.

Annexes A to D form an integral part of this International Standard.

© ISO 1990

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

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

Printed in Switzerland

Introduction

Owing to the complexity of the human sensation of vibration it is not possible at present to design an objective vibration-measuring apparatus to give results which are absolutely comparable, for all types of vibration, with those observed by human beings. It is, however, considered essential to standardize instrumentation by which vibration can be measured under closely defined conditions so that results obtained by users of such instrumentation are always the same within stated tolerances. The instrumentation specified in this International Standard covers the need for at least one of the methods of measurement according to ISO 2631 and ISO 5349.