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Second edition
2002-07-01

Agricultural wheeled tractors and field machinery — Measurement of whole-body vibration of the operator

*Tracteurs et matériels agricoles à roues — Mesurage des vibrations
globales du corps du conducteur*



Reference number
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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 5008 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 2, *Common tests*.

This second edition cancels and replaces the first edition (ISO 5008:1979), which has been technically revised.

Annexes A and B of this International Standard are for information only.

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Introduction

The purpose of this International Standard is to define the specification of instruments, measurement procedures, measurement site characteristics and frequency weighting that will allow the whole body vibration of agricultural wheeled tractors and field machinery to be made and reported with acceptable precision.

The vibration is evaluated in accordance with currently accepted standards including means of weighting the vibration levels at different frequencies to take account of the frequency sensitivity of the human operator to whole body vibration.