

Hand-arm vibration — Laboratory measurement of vibration at the grip surface of hand-guided machinery — General

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British Standard

ICS 13.160; 13.180; 17.160

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee GME/21, Mechanical vibration and shock, upon which the following bodies were represented:

- Federation of Civil Engineering Contractors
- Imperial College of Science and Technology
- Institute of Sound and Vibration Research
- Institution of Mechanical Engineers
- Lloyd’s Register of Shipping
- Ministry of Defence
- Open University
- Power Generation Contractors’ Association (BEAMA Ltd.)
- Railway Industry Association of Great Britain
- Society of British Aerospace Companies Limited
- Society of Environmental Engineers

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Agricultural Engineers’ Association
- British Compressed Air Society
- British Industrial Truck Association
- British Gas plc
- British Hydraulic Tool Manufacturers’ Association
- British Occupational Hygiene Society
- British Railways Board
- Forestry Commission
- Health and Safety Executive
- Institute of Explosives Engineers
- Institute of Naval Medicine
- Institution of Electrical Engineers
- Portable Electrical Tool Manufacturers’ Association
- University of Salford

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National foreword

This British Standard has been prepared by Technical Committee GME/21 and is the English language version of EN 1033:1995 *Hand-arm vibration — Laboratory measurement of vibration at the grip surface of hand-guided machinery — General* published by the European Committee for Standardization (CEN).

IEC 225 has been withdrawn and replaced by IEC 1260.

Cross-references

Publication referred to	Corresponding British Standard
ENV 25349:1992	DD ENV 25349:1993 <i>Mechanical vibration — Guidelines for the measurement and the assessment of human exposure to hand-transmitted vibration</i> (ISO 5439:1986)
ENV 28041:1993	DD ENV 28041:1993 <i>Human response to vibration — Measuring instrumentation</i> (ISO 8041:1990)
EN 28662-1	BS EN 28662 <i>Hand-held portable power tools — Measurement of vibrations at the handle Part 1:1993 General</i> (ISO 8662-1:1988)
ISO 5347	BS 6955 <i>Methods for the calibration of vibration and shock pick-ups</i>
ISO 5348	BS 7129:1989 <i>Recommendations for mechanical mounting of accelerometers for measuring mechanical vibration and shock</i>
IEC 225	BS 2475:1964 <i>Specification for octave, half-octave and third-octave band filters intended for the analysis of sounds and vibrations</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover, and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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English version

Hand-arm vibration — Laboratory measurement of vibration at the grip surface of hand-guided machinery — General

Vibrations main-bars — Mesurage en
laboratoire des vibrations au niveau des
surfaces de préhension des machines guidées à
la main — Généralités

Hand-Arm-Schwingungen — Laborverfahren
zur Messung mechanischer Schwingungen an
der Greiffläche handgeführter Maschinen —
Allgemeines

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