

Mechanical vibration and shock — Parameters to be specified for the acquisition of vibration data

ICS 17.160

National foreword

This British Standard is the UK implementation of ISO 21289:2008.

The UK participation in its preparation was entrusted by Technical Committee GME/21, Mechanical vibration, shock and condition monitoring, to Subcommittee GME/21/2, Vibration and shock measuring instruments and testing equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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*Vibrations et chocs mécaniques — Paramètres à spécifier pour
l'acquisition de données vibratoires*



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Foreword

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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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 21289 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration, shock and condition monitoring*.

Introduction

Use of this International Standard is recommended to minimize errors and ambiguities in vibration measurement due to inadequate or confusing definition of essential parameters. The specified parameters provide information to enable a measurement to be conducted and data to be provided, assuming that proper practices and all applicable sub-specifications have been followed. Proper use of this International Standard will improve the quality of databases for vibration condition monitoring and assessment of machines and structures. It will also facilitate improved comparison of vibration test data conducted by different organizations, using different methods, or over long periods of time.