

AS 2641—1983

Australian Standard[®]

**VIBRATION AND SHOCK—
BALANCING—VOCABULARY**

This Australian standard was prepared by Committee ME/41, Vibration and Shock. It was approved on behalf of the Council of the Standards Association of Australia on 20 May 1983 and published on 8 August 1983.

The following interests are represented on Committee ME/41:

Association of Consulting Engineers Australia
Australian Gas Association
Australian Mining Industry Council
Australian Shipbuilders Association
Confederation of Australian Industry
Construction Equipment Importers and Manufacturers of Australia
CSIRO, National Measurement Laboratory
Department of Defence
Department of Defence Support
Department of Industrial Relations, N.S.W.
Department of Science and Technology
Federation of Automotive Products Manufacturers
Institute of Quarrying
Institution of Mechanical Engineers
Metropolitan Water Sewerage and Drainage Board, N.S.W.
Monash University
National Association of Testing Authorities Australia
New South Wales Institute of Technology
University of Melbourne
University of Newcastle
University of New South Wales
University of Queensland

Review of Australian Standards. To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 82142.

Australian Standard®

**VIBRATION AND SHOCK—
BALANCING—VOCABULARY**

First published 1983

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 3058 8

This is a free 4 page sample. Access the full version online.

PREFACE

This standard was prepared by a subcommittee of the Association's Committee on Vibration and Shock as one of a series relating to mechanical vibration and shock. It is based on, and is substantially in agreement with, the corresponding International Standard ISO 1925, Balancing – Vocabulary.

The aim of the standard is to provide a common language for persons working in the field of mechanical vibration and shock, with a view to eliminating ambiguities and misunderstandings.

Except as indicated in this preface, the entries in this standard are identical with those of ISO 1925.

A very few of the definitions in ISO 1925 have been altered in meaning where this was considered to be essential in order to conform to accepted Australian usage.

A few of the definitions common to acoustics have been presented in a different form, using the definitions already available in AS 1633.

In the preparation of this vocabulary, reference was made to the following standards:

AS 1633	Glossary of Acoustic Terms
AS 2606	Vibration and Shock – Vocabulary
ISO 1925	Balancing – Vocabulary

The following standards are referred to in this standard:

ISO 1940	Balance Quality of Roating Rigid Bodies
ISO 2953	Balancing Machines – Description and Evaluation

CONTENTS

	<i>Page</i>
SECTION 1. MECHANICS	3
SECTION 2. ROTORS	4
SECTION 3. UNBALANCE	5
SECTION 4. BALANCING	6
SECTION 5. BALANCING MACHINES AND EQUIPMENT	7
SECTION 6. FLEXIBLE ROTORS	10
SECTION 7. ROTATING RIGID FREE BODIES	11
INDEX	12

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

This is a free preview. Purchase the entire publication at the link below:

AS 2641 : 1983 : EN : COMBINED PDF

-
- ⊙ Looking for additional Standards? Visit SAI Global Infostore
 - ⊙ Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-

Need to speak with a Customer Service Representative - Contact Us