

Method for

Exchange of information for the analytical assessment of shock resistance of mechanical systems

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the General Mechanical Engineering Standards Policy Committee (GME/-) to Technical Committee GME/21, upon which the following bodies were represented:

- Department of Trade and Industry (National Engineering Laboratory)
- Electricity Supply Industry in England and Wales
- Engineering Equipment and Materials Users' Association
- Institute of Sound and Vibration Research
- Institution of Mechanical Engineers
- Lloyds Register of Shipping
- Ministry of Defence
- Power Generation Contractors' Association (BEAMA Ltd.)
- Society of British Aerospace Companies Ltd.
- Society of Environmental Engineers
- Society of Motor Manufacturers and Traders Limited

This British Standard, having been prepared under the direction of the General Mechanical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 30 April 1991

© BSI 01-2000

The following BSI references relate to the work on this standard:
Committee reference GME/21
Draft for comment 89/74834 DC

ISBN 0 580 19627 5

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Introduction	1
1 Scope	2
2 Normative reference	2
3 Definitions	2
4 Information to be supplied by the user of the analysis	4
5 Information to be furnished in a report by the person carrying out the analysis	5
6 Responsibility for design changes resulting from interpretation of an assessment	6
Publication(s) referred to	Inside back cover

National foreword

This British Standard has been prepared under the direction of the General Mechanical Engineering Standards Policy Committee. It is identical with ISO 9688:1990 “*Mechanical vibration and shock — Analytical methods of assessing shock resistance of mechanical systems — Information exchange between suppliers and users of analyses*”, which was prepared by Technical Committee ISO/TC 108, Mechanical vibration and shock, of the International Organization for Standardization (ISO) and in the development of which the United Kingdom played an active part.

Cross-references

International Standard	Corresponding British Standard
IEC 68-2-27:1987	BS 2011 <i>Environmental testing</i> Part 2.1 Ea:1988 <i>Test Ea. Shock</i> (Identical)
ISO 8568:1989	BS 7347:1990 <i>Guide for characteristics and performance of mechanical shock testing machines</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 2041:1990, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard to ISO 2041 is BS 3015:1976 “*Glossary of terms relating to mechanical vibration and shock*”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, 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.