BRITISH STANDARD

BS ISO
14837-1:2005

Mechanical vibration — Ground-borne noise and vibration arising from rail systems —

Part 1: General guidance

ICS 17.160; 45.080; 93.060

National foreword

This British Standard reproduces verbatim ISO 14837-1:2005 and implements it as the UK national standard.

The UK participation in its preparation was entrusted by Technical Committee GME/21, Mechanical vibration and shock, to Subcommittee GME/21/3, Measurement and evaluation of mechanical vibration and shock, which has the responsibility to:

— aid enquirers to understand the text;

— present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;

— monitor related international and European developments and promulgate them in the UK.

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

Cross-references

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to vi, pages 1 to 45 and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 3 October 2005

ISBN 0 580 46574 8

INTERNATIONAL STANDARD

ISO 14837-1

First edition
2005-07-15

Mechanical vibration — Ground-borne noise and vibration arising from rail systems —

Part 1: General guidance

Vibrations mécaniques — Vibrations et bruits initiés au sol dus à des lignes ferroviaires —

Partie 1: Directives générales

Reference number
ISO 14837-1:2005(E)

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Foreword

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ISO 14837-1 was prepared by Technical Committee ISO/TC 108, *Mechanical vibration and shock*, Subcommittee SC 2, *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures*.

ISO 14837 consists of the following parts, under the general title *Mechanical vibration — Ground-borne noise and vibration arising from rail systems*:

— *Part 1: General guidance*

The following parts are under preparation:

— *Part 2: Prediction models*

— *Part 3: Measurement*

— *Part 4: Evaluation criteria*

— *Part 5: Mitigation*

— *Part 6: Asset management*