



BSI Standards Publication

Railway applications — Infrastructure — Non- destructive testing on rails in track

Part 1: Requirements for ultrasonic
inspection and evaluation principles

National foreword

This British Standard is the UK implementation of EN 16729-1:2016.

The UK participation in its preparation was entrusted to Technical Committee RAE/2, Railway Applications - Track.

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

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testing on rails in track - Part 1: Requirements for
ultrasonic inspection and evaluation principles**

Applications ferroviaires - Infrastructure - Essais non
destructifs sur les rails de voie - Partie 1: Exigences
pour les principes d'évaluation et d'inspection par
ultrasons

Bahnanwendungen - Infrastruktur - Zerstörungsfreie
Prüfung an Schienen im Gleis - Teil 1: Anforderungen
an Ultraschallprüfungen und Bewertungsgrundlagen

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European foreword

This document (EN 16729-1:2016) has been prepared by Technical Committee CEN/TC 256 “Railway applications”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

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For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document.

This series of European Standards EN 16729, *Railway applications — Infrastructure — Non-destructive testing on rails in track*, consists of:

- *Part 1: Requirements for ultrasonic inspection and evaluation principles;*
- *Part 2: Eddy current testing of rails in track [planned];*
- *Part 3: Requirements for identifying internal and surface rail defects [planned];*
- *Part 4: Qualification of personnel for non-destructive testing on rails [planned].*

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