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Railway applications – Track – Track geometry quality – Part 1: Characterization of track geometry; English version EN 13848-1:2019, English translation of DIN EN 13848-1:2019-06

Bahnanwendungen –
Oberbau –
Gleislagequalität – Teil 1: Beschreibung der Gleisgeometrie;
Englische Fassung EN 13848-1:2019,
Englische Übersetzung von DIN EN 13848-1:2019-06

Applications ferroviaires –
Voie –
Qualité géométrique de la voie – Partie 1: Caractérisation de la géométrie de voie;
Version anglaise EN 13848-1:2019,
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Document comprises 50 pages

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In case of doubt, the German-language original shall be considered authoritative.

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A comma is used as the decimal marker.

National foreword

This document (EN 13848-1:2019) has been prepared by Technical Committee CEN/TC 256 “Railway applications” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Fahrweg und Schienenfahrzeuge* (Railway Standards Committee), Subcommittee NA 087-00-01-06 UA “Acceptance of track work”.

This document is based on the English reference version.

Amendments

This standard differs from DIN EN 13848-1:2008-11 as follows:

a) new annexes have been included: normative Annex C “Filter requirements”, informative Annex D “Background to filtering”, informative Annex E “Measurement of acceleration” and informative Annex F “Track geometry data for simulation purposes”;

b) the informative Annex A “Measurement of acceleration” is now Annex E;

c) a new Figure 8 “Alignment” has been included;

d) Table 8 “Twist: measurement uncertainty” has been deleted;

e) informative Annex A, A.3 is now Annex E, E.3 with amended frequency range;

f) the informative Annex B has been revised;

g) the informative Annex ZA has been revised.

Previous editions

DIN EN 13848-1: 2004-05, 2008-11

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Railway applications - Track - Track geometry quality - Part 1: Characterization of track geometry

Applications ferroviaires - Voie - Qualité géométrique de la voie - Partie 1: Caractérisation de la géométrie de voie

Bahnanwendungen - Oberbau - Gleislagequalität - Teil 1: Beschreibung der Gleisgeometrie

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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