BS EN 13231-2:2020

BSI Standards Publication

Railway applications — Track — Acceptance of works

Part 2: Acceptance of reprofiling rails in plain line, switches, crossings and expansion devices

National foreword

This British Standard is the UK implementation of EN 13231-2:2020. It supersedes BS EN 13231-3:2012 and BS EN 13231-4:2013, which are withdrawn.

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 committee manager.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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English Version

Railway applications - Track - Acceptance of works - Part 2: Acceptance of reprofiling rails in plain line, switches, crossings and expansion devices

Applications ferroviaires - Voie - Réception des travaux - Partie 2 : Critères de réception des travaux de reprofilage des rails en voie et dans les appareils de voie

Bahnanwendungen - Oberbau - Abnahme von Arbeiten - Teil 2: Abnahme von reprofilierten Schienen im Gleis, Weichen, Kreuzungen und Schienenauszügen

This European Standard was approved by CEN on 28 September 2020.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 13231-2:2020) 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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13231-3:2012 and EN 13231-4:2013. The main changes compared to the previous edition are listed below:

— EN 13231-2 merges the previous EN 13231-2 and EN 13231-3;

— updated to display the state of the art;

— mistakes have been solved;

— Clause 7 is new.

This document is part of the series EN 13231 “*Railway applications - Track - Acceptance of works*” as listed below:

— *Part 1: Works on ballasted track - Plain line, switches and crossings*

— *Part 2: Acceptance of reprofiling rails in plain line, switches, crossings and expansion devices*

— *Part 5: Procedures for rail reprofiling in plain line, switches, crossings and expansion devices*

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1 Scope

This document defines the technical requirements and measurements for the acceptance of works for longitudinal and/or transverse reprofiling of railway rail heads in plain line, switches and crossings and expansion devices.

This document applies to Vignole rails of 46 kg/m and above according to EN 13674-1.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

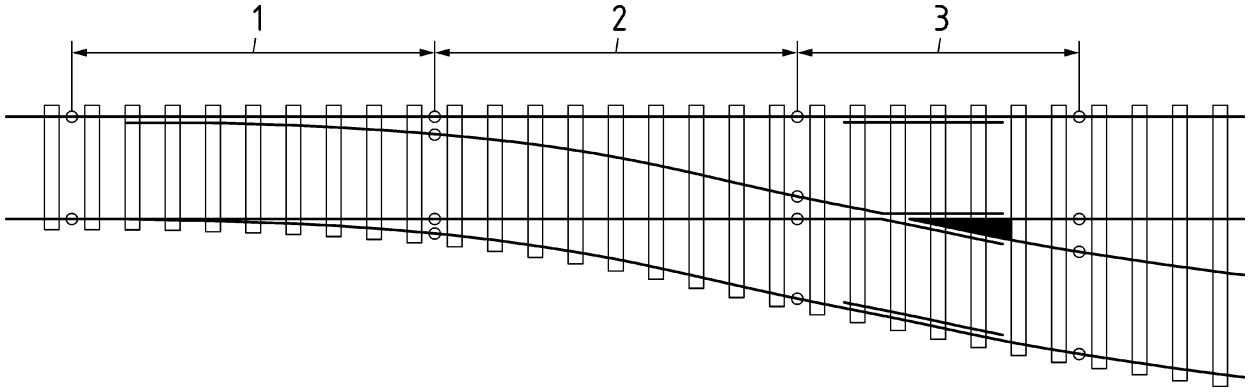
For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at https://www.iso.org/obp

3.1
reprofiling zones in switches
area where required reprofiling work is done on the switches depending on the position of the rail within the switch

Note 1 to entry: There are three general areas of treatment as shown in Figure 1.



Key

○	welding/joint	2	zone G (closure panel)
1	zone F (switch panel)	3	zone H (crossing panel)

Figure 1 — Reprofiling zones in switches