

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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ICS 93.100

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EUROPEAN STANDARD

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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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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.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:

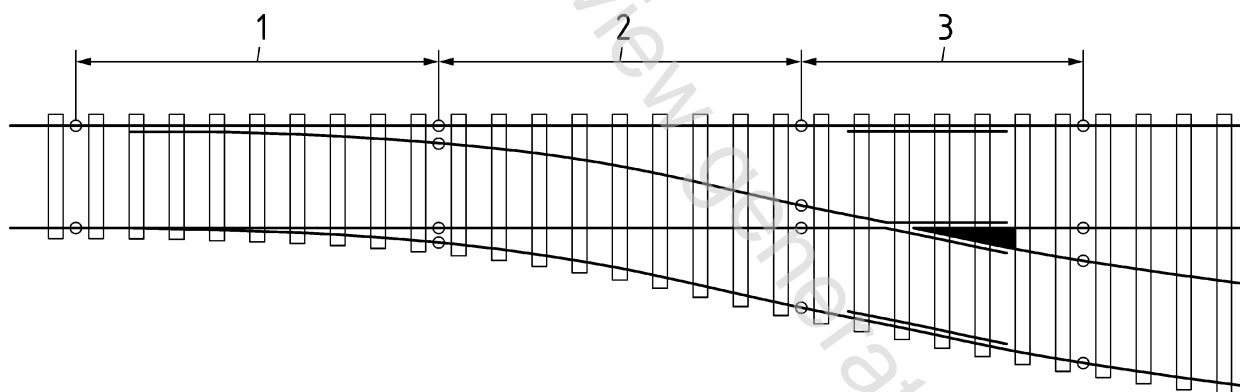
- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

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