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Standards

Irish Standard  
I.S. EN 14587-3:2012

# Railway applications - Track - Flash butt welding of rails - Part 3: Welding in association with crossing construction

## I.S. EN 14587-3:2012

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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English Version

## Railway applications - Track - Flash butt welding of rails - Part 3: Welding in association with crossing construction

Applications ferroviaires - Voie - Soudage des rails par  
étincelage - Partie 3: Soudure associée à la fabrication des  
coeurs de voie

Bahnanwendungen - Oberbau - Abbrennstumpfschweißen  
von Schienen - Teil 3: Schweißen im Zusammenhang mit  
Herzstückkonstruktionen

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## Foreword

This document (EN 14587-3:2012) 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of an identical text or by endorsement, at the latest by March 2013, and conflicting national standards shall be withdrawn at the latest by March 2013.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document is one of a series of three parts of the EN 14587 “*Railway applications – Track – Flash butt welding of rails*”. The list of parts is as follows:

- *Part 1: New R220, R260, R260Mn and R350HT grade rails in a fixed plant*
- *Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than a fixed plant*
- *Part 3: Welding in association with crossing construction* (the present standard)

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Introduction**

This part of EN 14587 has four main topics:

- requirements of a welding process;
- procedure approval for a fixed plant;
- approval of other rail profiles or grades;
- weld production following approval.

This European Standard satisfies the needs of the railway authority. The manufacturer should achieve the specified requirements of this European Standard.

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