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Standards

Irish Standard  
I.S. EN 15085-2:2020

# Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

**I.S. EN 15085-2:2020**

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

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## National Foreword

I.S. EN 15085-2:2020 is the adopted Irish version of the European Document EN 15085-2:2020, Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer

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**EUROPEAN STANDARD**

**EN 15085-2**

**NORME EUROPÉENNE**

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English Version

## **Railway applications - Welding of railway vehicles and components - Part 2: Requirements for welding manufacturer**

Applications ferroviaires - Soudage des véhicules et des composants ferroviaires - Partie 2 : Exigences de qualité du constructeur

Bahnanwendungen - Schweißen von Schienenfahrzeugen und -fahrzeugteilen - Teil 2: Anforderungen an Schweißbetriebe

This European Standard was approved by CEN on 24 August 2020.

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## European foreword

This document (EN 15085-2:2020) 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.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 15085-2:2007. The main changes compared to the previous edition are listed below:

- a) Requirements for certification of manufacturer have been deleted;
- b) Classification levels and activities of manufacturers have been defined.

This series of European Standards EN 15085 “*Railway applications - Welding of railway vehicles and components*” consists of the following parts:

- *Part 1: General;*
- *Part 2: Requirements for welding manufacturers;*
- *Part 3: Design requirements;*
- *Part 4: Production requirements;*
- *Part 5: Inspection, testing and documentation;*
- *Part 6: Maintenance welding requirements.*

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**EN 15085-2:2020 (E)**

## **Introduction**

Welding is a special process in the manufacture of railway vehicles and their parts.

The general requirements for welding process control are defined in the EN ISO 3834 and EN ISO 14554 series of standards. The EN 15085 series of standards supplements those requirements and defines special requirements for the construction and maintenance of railway vehicles.

This document can also be used by internal and external parties, including accredited certification bodies, to assess the organization's ability to meet customer, regulatory and the organization's own requirements.



## 1 Scope

This document defines the classification levels for welded components, the types of activity typically undertaken and the requirements to be fulfilled to demonstrate conformance.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15085-1, *Railway applications - Welding of railway vehicles and components - Part 1: General*

EN 15085-3, *Railway applications - Welding of railway vehicles and components - Part 3: Design requirements*

EN 15085-4, *Railway applications - Welding of railway vehicles and components - Part 4: Production requirements*

EN 15085-5, *Railway applications - Welding of railway vehicles and components - Part 5: Inspection, testing and documentation*

EN 15085-6,<sup>1</sup> *Railway applications - Welding of railway vehicles and components - Part 6: Maintenance welding requirements*

EN ISO 3834 (all parts), *Quality requirements for fusion welding of metallic materials*

EN ISO 14554 (all parts), *Quality requirements for welding - Resistance welding of metallic materials*

EN ISO 14731:2019, *Welding coordination - Tasks and responsibilities (ISO 14731:2019)*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 15085-1 and the following 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>

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<sup>1</sup> Under preparation. Stage at the time of publication: prEN 15085-6.

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