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Railway applications - Automatic coupler - Performance requirements, specific interface geometry and test method

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This standard includes the English version of the European Standard.

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English Version

Railway applications - Automatic coupler - Performance requirements, specific interface geometry and test method

Applications ferroviaires - Attelage automatique - Exigences concernant la performance, la géométrie des interfaces et les méthodes d'essai

Bahnanwendungen - Automatische Kupplung - Leistungsanforderungen, spezifische Schnittstellengeometrie und Prüfverfahren

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 16019:2014) 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of an identical text or by endorsement, at the latest by September 2014, and conflicting national standards shall be withdrawn at the latest by September 2014.

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For relationship with EU Directive 2008/57/EC, see informative Annex ZA, which is an integral part of this document.

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1 Scope

This European Standard specifies the requirements for Type 10 automatic couplers for railway applications.

It defines the minimum interface requirements in order to allow automatic coupling (mechanical and pneumatic) of two Type 10 automatic couplers.

The interfaces of the end coupler specified in this European Standard:

— enable the rescue of a train set in an event of a breakdown by another trainset of different type, without the need to use an intermediate coupler adapter, accessories or component;

— are the reference interfaces to which the rescue coupler defined by EN 15020 will comply.

It does not define:

— interface requirements concerning electrical connections;

— clearance requirements around the coupler head;

— the height above top of rail for the coupler;

— the position of the pivot point of the coupler.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 15020, *Railway applications - Rescue coupler - Performance requirements, specific interface geometry and test methods*

EN ISO 6892-1, *Metallic materials - Tensile testing - Part 1: Method of test at room temperature (ISO 6892-1)*

ISO 2768 (all parts), *General tolerances*

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