

Commission communication in the framework of the implementation of the Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community (recast)

(Text with EEA relevance)

(Publication of titles and references of harmonised standards under the directive)

(2011/C 214/02)

ESO (*)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN ISO 3381:2011 Railway applications - Acoustics - Measurement of noise inside railbound vehicles (ISO 3381:2005)		
CEN	EN 12080:2007+A1:2010 Railway applications - Axleboxes - Rolling bearings		
CEN	EN 12081:2007+A1:2010 Railway applications - Axleboxes - Lubricating greases		
CEN	EN 12082:2007+A1:2010 Railway applications - Axleboxes - Performance testing		
CEN	EN 12663-1:2010 Railway applications - Structural requirements of railway vehicle bodies - Part 1: Locomotives and passenger rolling stock (and alternative method for freight wagons)		
CEN	EN 12663-2:2010 Railway applications - Structural requirements of railway vehicle bodies - Part 2: Freight wagons		
CEN	EN 13103:2009+A1:2010 Railway applications - Wheelsets and bogies - Non-powered axles - Design method		
CEN	EN 13104:2009+A1:2010 Railway applications - Wheelsets and bogies - Powered axles - Design method		
CEN	EN 13230-1:2009 Railway applications - Track - Concrete sleepers and bearers - Part 1: General requirements		
CEN	EN 13230-2:2009 Railway applications - Track - Concrete sleepers and bearers - Part 2: Prestressed monoblock sleepers		

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CEN	EN 13230-3:2009 Railway applications - Track - Concrete sleepers and bearers - Part 3: Twin-block reinforced sleepers		
CEN	EN 13230-4:2009 Railway applications - Track - Concrete sleepers and bearers - Part 4: Prestressed bearers for switches and crossings		
CEN	EN 13260:2009+A1:2010 Railway applications - Wheelsets and bogies - Wheelsets - Product requirements		
CEN	EN 13261:2009+A1:2010 Railway applications - Wheelsets and bogies - Axles - Product requirements		
CEN	EN 13262:2004+A2:2011 Railway applications - Wheelsets and bogies - Wheels - Product requirements		
CEN	EN 13674-1:2011 Railway applications - Track - Rail - Part 1: Vignole railway rails 46 kg/m and above		
CEN	EN 13674-2:2006+A1:2010 Railway applications - Track - Rail - Part 2: Switch and crossing rails used in conjunction with Vignole railway rails 46 kg/m and above		
CEN	EN 13674-3:2006+A1:2010 Railway applications - Track - Rail - Part 3: Check rails		
CEN	EN 13715:2006+A1:2010 Railway applications - Wheelsets and bogies - Wheels - Tread profile		
CEN	EN 13749:2011 Railway applications - Wheelsets and bogies - Method of specifying the structural requirements of bogie frames		
CEN	EN 13803-1:2010 Railway applications - Track - Track alignment design parameters - Track gauges 1 435 mm and wider - Part 1: Plain line		
CEN	EN 13803-2:2006+A1:2009 Railway applications - Track - Track alignment design parameters - Track gauges 1 435 mm and wider - Part 2: Switches and crossings and comparable alignment design situations with abrupt changes of curvature		

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CEN	EN 13848-5:2008+A1:2010 Railway applications - Track - Track geometry quality - Part 5: Geometric quality levels - Plain line		
CEN	EN 13979-1:2003+A2:2011 Railway applications - Wheelsets and bogies - Monobloc wheels - Technical approval procedure - Part 1: Forged and rolled wheels	EN 13979-1:2003+A1:2009 Note 2.1	30.9.2011
CEN	EN 14033-1:2011 Railway applications - Track - Railbound construction and maintenance machines - Part 1: Technical requirements for running		
CEN	EN 14067-4:2005+A1:2009 Railway applications - Aerodynamics - Part 4: Requirements and test procedures for aerodynamics on open track		
CEN	EN 14067-5:2006+A1:2010 Railway applications - Aerodynamics - Part 5: Requirements and test procedures for aerodynamics in tunnels		
CEN	EN 14067-6:2010 Railway applications - Aerodynamics - Part 6: Requirements and test procedures for cross wind assessment		
CEN	EN 14531-6:2009 Railway applications - Methods for calculation of stopping and slowing distances and immo- bilisation braking - Part 6: Step by step calcu- lations for train sets or single vehicles		
CEN	EN 14587-2:2009 Railway applications - Track - Flash butt welding of rails - Part 2: New R220, R260, R260Mn and R350HT grade rails by mobile welding machines at sites other than a fixed plant		
CEN	EN 14601:2005+A1:2010 Railway applications - Straight and angled end cocks for brake pipe and main reservoir pipe		
CEN	EN 14813-1:2006+A1:2010 Railway applications - Air conditioning for driving cabs - Part 1: Comfort parameters		
CEN	EN 14813-2:2006+A1:2010 Railway applications - Air conditioning for driving cabs - Part 2: Type tests		

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CEN	EN 14865-1:2009+A1:2010 Railway applications - Axlebox lubricating greases - Part 1: Method to test the ability to lubricate		
CEN	EN 14865-2:2006+A2:2010 Railway applications - Axlebox lubricating greases - Part 2: Method to test the mechanical stability to cover vehicle speeds up to 200 km/h		
CEN	EN 15020:2006+A1:2010 Railway applications - Rescue coupler - Performance requirements, specific interface geometry and test methods		
CEN	EN 15227:2008+A1:2010 Railway applications - Crashworthiness requirements for railway vehicle bodies		
CEN	EN 15273-2:2009 Railway applications - Gauges - Part 2: Rolling stock gauge		
CEN	EN 15273-3:2009 Railway applications - Gauges - Part 3: Structure gauges		
CEN	EN 15302:2008+A1:2010 Railway applications - Method for determining the equivalent conicity		
CEN	EN 15313:2010 Railway applications - In-service wheelset operation requirements - In-service and off-vehicle wheelset maintenance		
CEN	EN 15355:2008+A1:2010 Railway applications - Braking - Distributor valves and distributor-isolating devices		
CEN	EN 15427:2008+A1:2010 Railway applications - Wheel/rail friction management - Flange lubrication		
CEN	EN 15437-1:2009 Railway applications - Axlebox condition monitoring - Interface and design requirements - Part 1: Track side equipment and rolling stock axlebox		
CEN	EN 15461:2008+A1:2010 Railway applications - Noise emission - Characterisation of the dynamic properties of track sections for pass by noise measurements		

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CEN	EN 15551:2009+A1:2010 Railway applications - Railway rolling stock - Buffers		
CEN	EN 15566:2009+A1:2010 Railway applications - Railway rolling stock - Draw gear and screw coupling		
CEN	EN 15594:2009 Railway applications - Track - Restoration of rails by electric arc welding		
CEN	EN 15610:2009 Railway applications - Noise emission - Rail roughness measurement related to rolling noise generation		
CEN	EN 15611:2008+A1:2010 Railway applications - Braking - Relay valves	EN 15611:2008 Note 2.1	Date expired (30.4.2011)
CEN	EN 15612:2008+A1:2010 Railway applications - Braking - Brake pipe accelerator valve	EN 15612:2008 Note 2.1	Date expired (30.4.2011)
CEN	EN 15624:2008+A1:2010 Railway applications - Braking - Empty-loaded changeover devices	EN 15624:2008 Note 2.1	Date expired (30.4.2011)
CEN	EN 15625:2008+A1:2010 Railway applications - Braking - Automatic variable load sensing devices	EN 15625:2008 Note 2.1	Date expired (30.4.2011)
CEN	EN 15663:2009 Railway applications - Definition of vehicle reference masses		
	EN 15663:2009/AC:2010		
CEN	EN 15686:2010 Railway applications - Testing for the acceptance of running characteristics of railway vehicles with cant deficiency compen- sation system and/or vehicles intended to operate with higher cant deficiency than stated in EN 14363:2005, Annex G		
CEN	EN 15687:2010 Railway applications - Testing for the acceptance of running characteristics of freight vehicles with static axle loads higher than 225 kN and up to 250 kN		

ESO (!)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
CEN	EN 15723:2010 Railway applications - Closing and locking devices for payload protecting devices against environmental influences - Requirements for durability, operation, indication, maintenance, recycling		
CEN	EN 15734-1:2010 Railway applications - Braking systems of high speed trains - Part 1: Requirements and definitions		
CEN	EN 15734-2:2010 Railway applications - Braking systems of high speed trains - Part 2: Test methods		
CEN	EN 15746-1:2010 Railway applications - Track - Road-rail machines and associated equipment - Part 1: Technical requirements for running and working		
CEN	EN 15746-2:2010 Railway applications - Track - Road-rail machines and associated equipment - Part 2: General safety requirements		
CEN	EN 15806:2010 Railway applications - Braking - Static brake testing		
CEN	EN 15807:2011 Railway applications - Pneumatic half couplings		
CEN	EN 15827:2011 Railway applications - Requirements for bogies and running gears		
CEN	EN 15892:2011 Railway applications - Noise Emission - Measurement of noise inside driver's cabs		
Cenelec	EN 50122-1:2011 Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock		
Cenelec	EN 50122-2:2010 Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 2: Provisions against the effects of stray currents caused by d.c. traction systems		

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Cenelec	EN 50122-3:2010 Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 3: Mutual Interaction of a.c. and d.c. traction systems		
Cenelec	EN 50124-1:2001 Railway applications - Insulation coordination - Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment		
	EN 50124-1:2001/A1:2003	Note 3	Date expired (1.10.2006)
	EN 50124-1:2001/A2:2005	Note 3	Date expired (1.5.2008)
	EN 50124-1:2001/AC:2010		
	EN 50124-1:2001/AC:2007		
Cenelec	EN 50124-2:2001 Railway applications - Insulation coordination - Part 2: Overvoltages and related protection		
	EN 50124-2:2001/AC:2010		
Cenelec	EN 50125-1:1999 Railway applications - Environmental conditions for equipment - Part 1: Equipment on board rolling stock		
	EN 50125-1:1999/AC:2010		
Cenelec	EN 50125-2:2002 Railway applications - Environmental conditions for equipment - Part 2: Fixed electrical installations		
	EN 50125-2:2002/AC:2010		
Cenelec	EN 50125-3:2003 Railway applications - Environmental conditions for equipment - Part 3: Equipment for signalling and telecommunications		
	EN 50125-3:2003/AC:2010		

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Cenelec	EN 50126-1:1999 Railway applications - The specification and demonstration of Reliability, Availability, Maintainability and Safety (RAMS) - Part 1: Basic requirements and generic process		
	EN 50126-1:1999/AC:2010		
	EN 50126-1:1999/AC:2006		
Cenelec	EN 50129:2003 Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling		
	EN 50129:2003/AC:2010		
Cenelec	EN 50151:2003 Railway applications - Fixed installations - Electric traction - Special requirements for composite insulators		
	EN 50151:2003/AC:2010		
Cenelec	EN 50155:2007 Railway applications - Electronic equipment used on rolling stock		
	EN 50155:2007/AC:2010		
Cenelec	EN 50159:2010 Railway applications - Communication, signalling and processing systems - Safety-related communication in transmission systems	EN 50159-1:2001 + EN 50159-2:2001 Note 2.1	1.9.2013
Cenelec	EN 50159-1:2001 Railway applications - Communication, signalling and processing systems - Part 1: Safety-related communication in closed transmission systems		
	EN 50159-1:2001/AC:2010		
Cenelec	EN 50159-2:2001 Railway applications - Communication, signalling and processing systems - Part 2: Safety related communication in open transmission systems		
	EN 50159-2:2001/AC:2010		

ESO ⁽¹⁾	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
Cenelec	EN 50163:2004 Railway applications - Supply voltages of traction systems		
	EN 50163:2004/A1:2007	Note 3	Date expired (1.3.2010)
	EN 50163:2004/AC:2010		
Cenelec	EN 50238:2003 Railway applications - Compatibility between rolling stock and train detection systems		
	EN 50238:2003/AC:2010		
Cenelec	EN 50388:2005 Railway applications - Power supply and rolling stock - Technical criteria for the coordination between power supply (substation) and rolling stock to achieve interoperability		
	EN 50388:2005/AC:2010		

⁽¹⁾ ESO: European Standards Organisation:

- CEN: Avenue Marnix 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË, Tel. +32 25500811; fax +32 25500819 (<http://www.cen.eu>),
- Cenelec: Avenue Marnix 17, 1000 Bruxelles/Brussel, BELGIQUE/BELGIË, Tel. +32 25196871; fax +32 25196919 (<http://www.cenelec.eu>),
- ETSI: 650 route des Lucioles, 06921 Sophia Antipolis, FRANCE, Tel. +33 492944200; fax +33 493654716 (<http://www.etsi.eu>).

Note 1: Generally the date of cessation of presumption of conformity will be the date of withdrawal ('dow'), set by the European Standardisation Organisation, but attention of users of these standards is drawn to the fact that in certain exceptional cases this can be otherwise.

Note 2.1: The new (or amended) standard has the same scope as the superseded standard. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the directive.

Note 2.2: The new standard has a broader scope than the superseded standard. On the date stated the superseded standard ceases to give presumption of conformity with the essential requirements of the directive.

Note 2.3: The new standard has a narrower scope than the superseded standard. On the date stated the (partially) superseded standard ceases to give presumption of conformity with the essential requirements of the directive for those products that fall within the scope of the new standard. Presumption of conformity with the essential requirements of the directive for products that still fall within the scope of the (partially) superseded standard, but that do not fall within the scope of the new standard, is unaffected.

Note 3: In case of amendments, the referenced standard is EN CCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard (column 3) therefore consists of EN CCCC:YYYY and its previous amendments, if any, but without the new quoted amendment. On the date stated, the superseded standard ceases to give presumption of conformity with the essential requirements of the directive.

NOTE:

- Any information concerning the availability of the standards can be obtained either from the European Standardisation Organisations or from the national standardisation bodies of which the list is annexed to the Directive 98/34/EC of the European Parliament and Council ⁽¹⁾ amended by the Directive 98/48/EC ⁽²⁾.
- Harmonised standards are adopted by the European Standardisation Organisations in English (CEN and Cenelec also publish in French and German). Subsequently, the titles of the harmonised standards are translated into all other required official languages of the European Union by the National Standards Bodies. The European Commission is not responsible for the correctness of the titles which have been presented for publication in the Official Journal.
- Publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the Community languages.
- This list replaces all the previous lists published in the *Official Journal of the European Union*. The Commission ensures the updating of this list.
- More information about harmonised standards on the Internet at
http://ec.europa.eu/enterprise/policies/european-standards/harmonised-standards/index_en.htm

⁽¹⁾ OJ L 204, 21.7.1998, p. 37.

⁽²⁾ OJ L 217, 5.8.1998, p. 18.