IV

(Notices)

NOTICES FROM EUROPEAN UNION INSTITUTIONS, BODIES, OFFICES AND AGENCIES

EUROPEAN COMMISSION

Commission communication in the framework of the implementation of the Directive 94/9/EC of the European Parliament and the Council on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres

(Publication of titles and references of harmonised standards under Union harmonisation legislation)

(Text with EEA relevance)

(2016/C 126/01)

ESO ([1])	Reference and title of the standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
(1)	(2)	(3)	(4)	(5)
CEN	EN 1010-1:2004+A1:2010 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 1: Common requirements	8.6.2011	EN 1010-1:2004 Note 2.1	Date expired (8.6.2011)
CEN	EN 1010-2:2006+A1:2010 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 2: Printing and varnishing machines including pre-press machinery	4.2.2011	EN 1010-2:2006 Note 2.1	Date expired (28.2.2011)
CEN	EN 1127-1:2011 Explosive atmospheres — Explosion prevention and protection — Part 1: Basic concepts and methodology	18.11.2011	EN 1127-1:2007 Note 2.1	Date expired (31.7.2014)
CEN	EN 1127-2:2014 Explosive atmospheres — Explosion prevention and protection — Part 2: Basic concepts and methodology for mining	12.12.2014	EN 1127-2:2002 +A1:2008 Note 2.1	Date expired (31.12.2014)

(1)	(2)	(3)	(4)	(5)
CEN	EN 1710:2005+A1:2008 Equipment and components intended for use in potentially explosive atmospheres in underground mines	20.8.2008	EN 1710:2005 Note 2.1	Date expired (28.12.2009)
	EN 1710:2005+A1:2008/AC:2010			
CEN	EN 1755:2015 Industrial Trucks — Safety requirements and verification — Supplementary requirements for operation in potentially explosive atmospheres	This is the first publication	EN 1755:2000 +A2:2013 Note 2.1	30.11.2017
CEN	EN 1834-1:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 1: Group II engines for use in flammable gas and vapour atmospheres	21.7.2001		
CEN	EN 1834-2:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 2: Group I engines for use in underground workings susceptible to firedamp and/or combustible dust	21.7.2001		
CEN	EN 1834-3:2000 Reciprocating internal combustion engines — Safety requirements for design and construction of engines for use in potentially explosive atmospheres — Part 3: Group II engines for use in flammable dust atmospheres	21.7.2001		
CEN	EN 1839:2012 Determination of explosion limits of gases and vapours	22.11.2012	EN 1839:2003 Note 2.1	Date expired (31.3.2013)
CEN	EN 1953:2013 Atomising and spraying equipment for coating materials — Safety requirements	5.11.2013		
CEN	EN 12581:2005+A1:2010 Coating plants — Machinery for dip coating and electrodeposition of organic liquid coating material — Safety requirements	17.9.2010	EN 12581:2005 Note 2.1	Date expired (31.12.2010)
CEN	EN 12621:2006+A1:2010 Machinery for the supply and circulation of coating materials under pressure — Safety requirements	17.9.2010	EN 12621:2006 Note 2.1	Date expired (31.12.2010)

(1)	(2)	(3)	(4)	(5)
CEN	EN 12757-1:2005+A1:2010 Mixing machinery for coating materials — Safety requirements — Part 1: Mixing machinery for use in vehicle refinishing	17.9.2010	EN 12757-1:2005 Note 2.1	Date expired (31.12.2010)
CEN	EN 13012:2012 Petrol filling stations — Construction and performance of automatic nozzles for use on fuel dispensers	3.8.2012	EN 13012:2001 Note 2.1	Date expired (31.12.2012)
CEN	EN 13160-1:2003 Leak detection systems — Part 1: General principles	14.8.2003		
CEN	EN 13237:2012 Potentially explosive atmospheres — Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres	12.2.2013	EN 13237:2003 Note 2.1	Date expired (30.4.2013)
CEN	EN 13463-1:2009 Non-electrical equipment for use in potentially explosive atmospheres — Part 1: Basic method and requirements	16.4.2010	EN 13463-1:2001 Note 2.1	Date expired (31.12.2010)
CEN	EN 13463-2:2004 Non-electrical equipment for use in potentially explosive atmospheres — Part 2: Protection by flow restricting enclosure ‘fr’	30.11.2005		
CEN	EN 13463-3:2005 Non-electrical equipment for use in potentially explosive atmospheres — Part 3: Protection by flameproof enclosure ‘d’	30.11.2005		
CEN	EN 13463-5:2011 Non-electrical equipment intended for use in potentially explosive atmospheres — Part 5: Protection by constructional safety ‘c’	18.11.2011	EN 13463-5:2003 Note 2.1	Date expired (31.7.2014)
CEN	EN 13463-6:2005 Non-electrical equipment for use in potentially explosive atmospheres — Part 6: Protection by control of ignition source ‘b’	30.11.2005		
CEN	EN 13463-8:2003 Non-electrical equipment for potentially explosive atmospheres — Part 8: Protection by liquid immersion ‘k’	12.8.2004		

(1)	(2)	(3)	(4)	(5)
CEN	EN 13616:2004 Overfill prevention devices for static tanks for liquid petroleum fuels	9.3.2006		
	EN 13616:2004/AC:2006			
CEN	EN 13617-1:2012 Petrol filling stations — Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units	3.8.2012	EN 13617-1:2004 +A1:2009 Note 2.1	Date expired (30.11.2012)
CEN	EN 13617-2:2012 Petrol filling stations — Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers	4.5.2012	EN 13617-2:2004 Note 2.1	Date expired (30.9.2012)
CEN	EN 13617-3:2012 Petrol filling stations — Part 3: Safety requirements for construction and performance of shear valves	4.5.2012	EN 13617-3:2004 Note 2.1	Date expired (30.9.2012)
CEN	EN 13617-4:2012 Petrol filling stations — Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers	5.11.2013		
CEN	EN 13760:2003 Automotive LPG filling system for light and heavy duty vehicles — Nozzle, test requirements and dimensions	24.1.2004		
CEN	EN 13821:2002 Potentially explosive atmospheres — Explosion prevention and protection — Determination of minimum ignition energy of dust/air mixtures	20.5.2003		
CEN	EN 13852-1:2013 Cranes — Offshore cranes — Part 1: General-purpose offshore cranes	5.11.2013		
CEN	EN 14034-1:2004+A1:2011 Determination of explosion characteristics of dust clouds — Part 1: Determination of the maximum explosion pressure pmax of dust clouds	8.6.2011	EN 14034-1:2004 Note 2.1	Date expired (31.7.2011)

(1)	(2)	(3)	(4)	(5)
CEN	EN 14034-2:2006+A1:2011 Determination of explosion characteristics of dust clouds — Part 2: Determination of the maximum rate of explosion pressure rise (dp/dt) max of dust clouds	8.6.2011	EN 14034-2:2006 Note 2.1	Date expired (31.7.2011)
CEN	EN 14034-3:2006+A1:2011 Determination of explosion characteristics of dust clouds — Part 3: Determination of the lower explosion limit LEL of dust clouds	8.6.2011	EN 14034-3:2006 Note 2.1	Date expired (31.7.2011)
CEN	EN 14034-4:2004+A1:2011 Determination of explosion characteristics of dust clouds — Part 4: Determination of the limiting oxygen concentration LOC of dust clouds	8.6.2011	EN 14034-4:2004 Note 2.1	Date expired (31.7.2011)
CEN	EN 14373:2005 Explosion suppression systems	9.3.2006		
CEN	EN 14460:2006 Explosion resistant equipment	15.12.2006		
CEN	EN 14491:2012 Dust explosion venting protective systems	22.11.2012	EN 14491:2006 Note 2.1	Date expired (28.2.2013)
CEN	EN 14492-1:2006+A1:2009 Cranes — Power driven winches and hoists — Part 1: Power driven winches	16.4.2010	EN 14492-1:2006 Note 2.1	Date expired (30.4.2010)
	EN 14492-1:2006+A1:2009/AC:2010			
CEN	EN 14492-2:2006+A1:2009 Cranes — Power driven winches and hoists — Part 2: Power driven hoists	16.4.2010	EN 14492-2:2006 Note 2.1	Date expired (16.4.2010)
	EN 14492-2:2006+A1:2009/AC:2010			
CEN	EN 14522:2005 Determination of the auto ignition temperature of gases and vapours	30.11.2005		
CEN	EN 14591-1:2004 Explosion prevention and protection in underground mines — Protective systems — Part 1: 2-bar explosion proof ventilation structure	9.3.2006		
	EN 14591-1:2004/AC:2006			

(1)	(2)	(3)	(4)	(5)
CEN	EN 14591-2:2007 Explosion prevention and protection in underground mines — Protective systems — Part 2: Passive water trough barriers	12.12.2007		
	EN 14591-2:2007/AC:2008			
CEN	EN 14591-4:2007 Explosion prevention and protection in underground mines — Protective systems — Part 4: Automatic extinguishing systems for road headers	12.12.2007		
	EN 14591-4:2007/AC:2008			
CEN	EN 14677:2008 Safety of machinery — Secondary steelmaking — Machinery and equipment for treatment of liquid steel	20.8.2008		
CEN	EN 14678-1:2013 LPG equipment and accessories — Construction and performance of LPG equipment for automotive filling stations — Part 1: Dispensers	4.5.2013	EN 14678-1:2006 +A1:2009 Note 2.1	Date expired (30.9.2013)
CEN	EN 14681:2006+A1:2010 Safety of machinery — Safety requirements for machinery and equipment for production of steel by electric arc furnaces	8.6.2011	EN 14681:2006 Note 2.1	Date expired (8.6.2011)
CEN	EN 14756:2006 Determination of the limiting oxygen concentration (LOC) for flammable gases and vapours	12.12.2007		
CEN	EN 14797:2006 Explosion venting devices	12.12.2007		
CEN	EN 14973:2015 Conveyor belts for use in underground installations — Electrical and flammability safety requirements	This is the first publication	EN 14973:2006 +A1:2008 Note 2.1	31.5.2016
CEN	EN 14983:2007 Explosion prevention and protection in underground mines — Equipment and protective systems for firedamp drainage	12.12.2007		
CEN	EN 14986:2007 Design of fans working in potentially explosive atmospheres	12.12.2007		

(1)	(2)	(3)	(4)	(5)
CEN	EN 14994:2007 Gas explosion venting protective systems	12.12.2007		
CEN	EN 15089:2009 Explosion isolation systems	16.4.2010		
CEN	EN 15188:2007 Determination of the spontaneous ignition behaviour of dust accumulations	12.12.2007		
CEN	EN 15198:2007 Methodology for the risk assessment of non-electrical equipment and components for intended use in potentially explosive atmospheres	12.12.2007		
CEN	EN 15233:2007 Methodology for functional safety assessment of protective systems for potentially explosive atmospheres	12.12.2007		
CEN	EN 15268:2008 Petrol filling stations — Safety requirements for the construction of submersible pump assemblies	27.1.2009		
CEN	EN 15794:2009 Determination of explosion points of flammable liquids	16.4.2010		
CEN	EN 15967:2011 Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours	18.11.2011	EN 13673-2:2005 EN 13673-1:2003 Note 2.1	Date expired (29.2.2012)
CEN	EN 16009:2011 Flameless explosion venting devices	18.11.2011		
CEN	EN 16020:2011 Explosion diverters	18.11.2011		
CEN	EN 16447:2014 Explosion isolation flap valves	12.12.2014		

(1)	(2)	(3)	(4)	(5)
CEN	EN ISO 16852:2010 Flame arresters — Performance requirements, test methods and limits for use (ISO 16852:2008, including Cor 1:2008 and Cor 2:2009)	17.9.2010	EN 12874:2001 Note 2.1	Date expired (31.12.2010)
Cenelec	EN 50050-1:2013 Electrostatic hand-held spraying equipment — Safety requirements — Part 1: Hand-held spraying equipment for ignitable liquid coating materials	14.3.2014	EN 50050:2006 Note 2.1	14.10.2016
Cenelec	EN 50050-2:2013 Electrostatic hand-held spraying equipment — Safety requirements — Part 2: Hand-held spraying equipment for ignitable coating powder	14.3.2014	EN 50050:2006 Note 2.1	14.10.2016
Cenelec	EN 50050-3:2013 Electrostatic hand-held spraying equipment — Safety requirements — Part 3: Hand-held spraying equipment for ignitable flock	14.3.2014	EN 50050:2006 Note 2.1	14.10.2016
Cenelec	EN 50104:2010 Electrical apparatus for the detection and measurement of oxygen — Performance requirements and test methods	4.2.2011	EN 50104:2002 + A1:2004	Date expired (1.6.2013)
Cenelec	EN 50176:2009 Stationary electrostatic application equipment for ignitable liquid coating material — Safety requirements	16.4.2010		
Cenelec	EN 50177:2009 Stationary electrostatic application equipment for ignitable coating powders — Safety requirements	16.4.2010		
	EN 50177:2009/A1:2012	22.11.2012	Note 3	Date expired (23.7.2015)
Cenelec	EN 50223:2015 Stationary electrostatic application equipment for ignitable flock material — Safety requirements	9.10.2015	EN 50223:2010 Note 2.1	13.4.2018
Cenelec	EN 50271:2010 Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen — Requirements and tests for apparatus using software and/or digital technologies	4.2.2011		

(1)	(2)	(3)	(4)	(5)
Cenelec	EN 50281-2-1:1998 Electrical apparatus for use in the presence of combustible dust — Part 2-1: Test methods — Methods for determining the minimum ignition temperatures of dust	6.11.1999		
	EN 50281-2-1:1998/AC:1999			
Cenelec	EN 50303:2000 Group I, Category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust	16.2.2001		
Cenelec	EN 50381:2004 Transportable ventilated rooms with or without an internal source of release	9.3.2006		
	EN 50381:2004/AC:2005			
Cenelec	EN 50495:2010 Safety devices required for the safe functioning of equipment with respect to explosion risks	17.9.2010		
Cenelec	EN 60079-0:2012 Explosive atmospheres — Part 0: Equipment — General requirements IEC 60079-0:2011 (Modified) + IS1:2013	14.3.2014	EN 60079-0:2009 Note 2.1	Date expired (2.4.2015)
	EN 60079-0:2012/A11:2013	14.3.2014	Note 3	7.10.2016
Cenelec	EN 60079-1:2014 Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’ IEC 60079-1:2014	9.10.2015	EN 60079-1:2007 Note 2.1	1.8.2017
Cenelec	EN 60079-2:2014 Explosive atmospheres — Part 2: Equipment protection by pressurized enclosure ‘p’ IEC 60079-2:2014	9.10.2015	EN 61241-4:2006 EN 60079-2:2007 Note 2.1	25.8.2017
	EN 60079-2:2014/AC:2015			
Cenelec	EN 60079-5:2015 Explosive atmospheres — Part 5: Equipment protection by powder filling ‘q’ IEC 60079-5:2015	9.10.2015	EN 60079-5:2007 Note 2.1	24.3.2018

(1)	(2)	(3)	(4)	(5)
Cenelec	EN 60079-6:2015 Explosive atmospheres — Part 6: Equipment protection by liquid immersion 'o' IEC 60079-6:2015	This is the first publication	EN 60079-6:2007 Note 2.1	27.3.2018
Cenelec	EN 60079-7:2015 Explosive atmospheres — Part 7: Equipment protection by increased safety 'e' IEC 60079-7:2015	This is the first publication	EN 60079-7:2007 Note 2.1	31.7.2018
Cenelec	EN 60079-11:2012 Explosive atmospheres — Part 11: Equipment protection by intrinsic safety 'i' IEC 600 IEC 60079-11:2011	4.5.2012	EN 60079-27:2008 EN 60079-11:2007 EN 61241-11:2006 Note 2.1	Date expired (4.8.2014)
Cenelec	EN 60079-15:2010 Explosive atmospheres — Part 15: Equipment protection by type of protection 'n' IEC 60079-15:2010	8.6.2011	EN 60079-15:2005 Note 2.1	Date expired (1.5.2013)
Cenelec	EN 60079-18:2015 Explosive atmospheres — Part 18: Equipment protection by encapsulation 'm' IEC 60079-18:2014	9.10.2015	EN 60079-18:2009 Note 2.1	16.1.2018
Cenelec	EN 60079-20-1:2010 Explosive atmospheres — Part 20-1: Material characteristics for gas and vapour classification — Test methods and data IEC 60079 IEC 60079-20-1:2010	17.9.2010		
Cenelec	EN 60079-25:2010 Explosive atmospheres — Part 25: Intrinsically safe electrical systems IEC 60079-25:2010	8.6.2011	EN 60079-25:2004 Note 2.1	Date expired (1.10.2013)
	EN 60079-25:2010/AC:2013			
Cenelec	EN 60079-26:2015 Explosive atmospheres — Part 26: Equipment with Equipment Protection Level (EPL) Ga IEC 60079-26:2014	9.10.2015	EN 60079-26:2007 Note 2.1	2.12.2017
Cenelec	EN 60079-27:2008 Explosive atmospheres — Part 27: Fieldbus intrinsically safe concept (FISCO) IEC 60079-27:2008	16.4.2010	EN 60079-27:2006 Note 2.1	Date expired (1.4.2011)

(1)	(2)	(3)	(4)	(5)
Cenelec	EN 60079-28:2015 Explosive atmospheres — Part 28: Protection of equipment and transmission systems using optical radiation IEC 60079-28:2015	This is the first publication	EN 60079-28:2007 Note 2.1	1.7.2018
Cenelec	EN 60079-29-1:2007 Explosive atmospheres — Part 29-1: Gas detectors — Performance requirements of detectors for flammable gases IEC 60079-29-1:2007 (Modified)	20.8.2008	EN 61779-4:2000 EN 61779-5:2000 EN 61779-3:2000 EN 61779-2:2000 EN 61779-1:2000 + A11:2004	Date expired (1.11.2010)
Cenelec	EN 60079-29-4:2010 Explosive atmospheres — Part 29-4: Gas detectors — Performance requirements of open path detectors for flammable gases IEC 60079-29-4:2009 (Modified)	8.6.2011	EN 50241-2:1999 EN 50241-1:1999 + A1:2004	Date expired (1.4.2013)
Cenelec	EN 60079-30-1:2007 Explosive atmospheres — Part 30-1: Electrical resistance trace heating — General and testing requirements IEC 60079-30-1:2007	20.8.2008		
Cenelec	EN 60079-31:2014 Explosive atmospheres — Part 31: Equipment dust ignition protection by enclosure 't' IEC 60079-31:2013	12.12.2014	EN 60079-31:2009 Note 2.1	1.1.2017
Cenelec	EN 60079-35-1:2011 Explosive atmospheres — Part 35-1: Caplights for use in mines susceptible to firedamp — General requirements — Construction and testing in relation to the risk of explosion IEC 60079-35-1:2011	18.11.2011	EN 62013-1:2006 Note 2.1	Date expired (30.6.2014)
	EN 60079-35-1:2011/AC:2011			
Cenelec	EN ISO/IEC 80079-34:2011 Explosive atmospheres — Part 34: Application of quality systems for equipment manufacture (ISO/IEC 80079-34:2011)	18.11.2011	EN 13980:2002 Note 2.1	Date expired (25.5.2014)

([1]) ESO: European standardisation organisation:
— CEN: Avenue Marnix 17, B-1000, Brussels, Tel. +32 2 5500811; fax + 32 2 5500819 (http://www.cen.eu)
— CENELEC: Avenue Marnix 17, B-1000, Brussels, Tel. +32 2 5196871; fax + 32 2 5196919 (http://www.cenelec.eu)
— ETSI: 650, route des Lucioles, F-06921 Sophia Antipolis, Tel. +33 492 944200; fax +33 493 654716, (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 or other requirements of the relevant Union legislation.

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 or other requirements of the relevant Union legislation.

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 or other requirements of the relevant Union legislation for those products or services that fall within the scope of the new standard. Presumption of conformity with the essential or other requirements of the relevant Union legislation for products or services 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 CCCCC:YYYY, its previous amendments, if any, and the new, quoted amendment. The superseded standard therefore consists of EN CCCCC: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 or other requirements of the relevant Union legislation.

NOTE:

— Any information concerning the availability of the standards can be obtained either from the European standardisation organisations or from the national standardisation bodies the list of which is published in the *Official Journal of the European Union* according to Article 27 of the Regulation (EU) No 1025/2012 ([1]).

— Standards are adopted by the European standardisation organisations in English (CEN and CENELEC also publish in French and German). Subsequently, the titles of the standards are translated into all other required official languages of the European Union by the national standardisation bodies. The European Commission is not responsible for the correctness of the titles which have been presented for publication in the Official Journal.

— References to Corrigenda '…/AC:YYYY' are published for information only. A Corrigendum removes printing, linguistic or similar errors from the text of a standard and may relate to one or more language versions (English, French and/or German) of a standard as adopted by a European standardisation organisation.

— Publication of the references in the *Official Journal of the European Union* does not imply that the standards are available in all the official languages of the European Union.

— This list replaces all the previous lists published in the *Official Journal of the European Union*. The European Commission ensures the updating of this list.

— More information about harmonised standards and other European standards on the Internet at:

http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/index_en.htm

([1]) OJ L 316, 14.11.2012, p. 12.