

**Commission communication in the framework of the implementation of Directive 94/9/EC of the European Parliament and of the Council of 23 March 1994 on the approximation of the laws of the Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres**

(2006/C 57/07)

(Text with EEA relevance)

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

ESO (*)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of confor- mity of superseded standard Note 1
CEN	EN 1010-1:2004 Safety of machinery — Safety requirements for the design and construction of printing and paper converting machines — Part 1: Common requirements	—	
CEN	EN 1127-1:1997 Explosive atmospheres — Explosion prevention and protection — Part 1: Basic concepts and methodology	—	
CEN	EN 1127-2:2002 Explosive atmospheres — Explosion prevention and protection — Part 2: Basic concepts and methodology for mining	—	
CEN	EN 1710:2005 Equipment and components intended for use in potentially explosive atmospheres in underground mines	—	
CEN	EN 1755:2000 Safety of industrial trucks — Operation in potentially explosive atmospheres — Use in flammable gas, vapour, mist and dust	—	
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	—	
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	—	
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	—	
CEN	EN 1839:2003 Determination of explosion limits of gases and vapours	—	
CEN	EN 12581:2005 Coating plants — Machinery for dip coating and electrodeposition of organic liquid coating material — Safety requirements	—	

ESO (*)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of confor- mity of superseded standard Note 1
CEN	EN 12757-1:2005 Mixing machinery for coating materials — Safety requirements — Part 1: Mixing machinery for use in vehicle refinishing	—	
CEN	EN 12874:2001 Flame arresters — Performance requirements, test methods and limits for use	—	
CEN	EN 13012:2001 Petrol filling stations — Construction and performance of automatic nozzles for use on fuel dispensers	—	
CEN	EN 13160-1:2003 Leak detection systems — Part 1: General principles	—	
CEN	EN 13237:2003 Potentially explosive atmospheres — Terms and definitions for equipment and protective systems intended for use in potentially explosive atmospheres	—	
CEN	EN 13463-1:2001 Non-electrical equipment for potentially explosive atmospheres — Part 1: Basic method and requirements	—	
CEN	EN 13463-2:2004 Non-electrical equipment for use in potentially explosive atmospheres — Part 2: Protection by flow restricting enclosure 'fr'	—	
CEN	EN 13463-3:2005 Non-electrical equipment for use in potentially explosive atmospheres — Part 3: Protection by flameproof enclosure 'd'	—	
CEN	EN 13463-5:2003 Non-electrical equipment intended for use in potentially explosive atmospheres — Part 5: Protection by constructional safety 'c'	—	
CEN	EN 13463-6:2005 Non-electrical equipment for use in potentially explosive atmospheres — Part 6: Protection by control of ignition source 'b'	—	
CEN	EN 13463-8:2003 Non-electrical equipment for potentially explosive atmospheres — Part 8: Protection by liquid immersion 'k'	—	
CEN	EN 13616:2004 Overfill prevention devices for static tanks for liquid petroleum fuels	—	
CEN	EN 13617-1:2004 Petrol filling stations — Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units	—	

ESO (*)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of confor- mity of superseded standard Note 1
CEN	EN 13617-2:2004 Petrol filling stations — Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers	—	
CEN	EN 13617-3:2004 Petrol filling stations — Part 3: Safety requirements for construction and performance of shear valves	—	
CEN	EN 13673-1:2003 Determination of the maximum explosion pressure and the maximum rate of pressure rise of gases and vapours — Part 1: Determination of the maximum explosion pressure	—	
CEN	EN 13673-2:2005 Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours — Part 2: Determination of the maximum rate of explosion pressure rise	—	
CEN	EN 13760:2003 Automotive LPG filling system for light and heavy duty vehicles — Nozzle, test requirements and dimensions	—	
CEN	EN 13821:2002 Potentially explosive atmospheres — Explosion prevention and protection — Determination of minimum ignition energy of dust/air mixtures	—	
CEN	EN 13980:2002 Potentially explosive atmospheres — Application of quality systems	—	
CEN	EN 14034-1:2004 Determination of explosion characteristics of dust clouds — Part 1: Determination of the maximum explosion pressure $p_{max}$ of dust clouds	—	
CEN	EN 14034-4:2004 Determination of explosion characteristics of dust clouds — Part 4: Determination of the limiting oxygen concentration LOC of dust clouds	—	
CEN	EN 14373:2005 Explosion suppression systems	—	
CEN	EN 14522:2005 Determination of the auto ignition temperature of gases and vapours	—	
CEN	EN 14591-1:2004 Explosion prevention and protection in underground mines — Protective systems — Part 1: 2-bar explosion proof ventilation structure	—	
CENELEC	EN 50014:1997 Electrical apparatus for potentially explosive atmospheres — General requirements	—	
	EN 50014:1997/A1:1999	Note 3	
	EN 50014:1997/A2:1999	Note 3	
CENELEC	EN 50015:1998 Electrical apparatus for potentially explosive atmospheres — Oil immersion 'o'	—	

ESO (*)	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of confor- mity of superseded standard Note 1
CENELEC	EN 50017:1998 Electrical apparatus for potentially explosive atmospheres — Powder filling 'q'	—	
CENELEC	EN 50018:2000 Electrical apparatus for potentially explosive atmospheres — Flameproof enclosure 'd'	—	
	EN 50018:2000/A1:2002	Note 3	Date expired (30.06.2003)
CENELEC	EN 50019:2000 Electrical apparatus for potentially explosive atmospheres — Increased safety 'e' + Corri- gendum 04.2003	—	
CENELEC	EN 50020:2002 Electrical apparatus for potentially explosive atmospheres — Intrinsic safety 'i'	—	
CENELEC	EN 50021:1999 Electrical apparatus for potentially explosive atmospheres — Type of protection 'n'	—	
CENELEC	EN 50104:2002 Electrical apparatus for the detection and measurement of oxygen — Performance requirements and test methods	EN 50104:1998 Note 2.1	Date expired (01.02.2005)
	EN 50104:2002/A1:2004	Note 3	Date expired (01.08.2004)
CENELEC	EN 50241-1:1999 Specification for open path apparatus for the detection of combustible or toxic gases and vapours — Part 1: General requirements and test methods	—	
	EN 50241-1:1999/A1:2004	Note 3	Date expired (01.08.2004)
CENELEC	EN 50241-2:1999 Specification for open path apparatus for the detection of combustible or toxic gases and vapours — Part 2: Performance requirements for apparatus for the detection of combustible gases	—	
CENELEC	EN 50281-1-1:1998 Electrical apparatus for use in the presence of combustible dust — Part 1-1: Electrical apparatus protected by enclosures — Construction and testing + Corrigendum 08.1999	—	
	EN 50281-1-1:1998/A1:2002	Note 3	Date expired (01.12.2004)
CENELEC	EN 50281-1-2:1998 Electrical apparatus for use in the presence of combustible dust — Part 1-2: Electrical apparatus protected by enclosures — Selection, installation and maintenance + Corri- gendum 12.1999	—	
	EN 50281-1-2:1998/A1:2002	Note 3	Date expired (01.12.2004)
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	—	

ESO <sup>(1)</sup>	Reference and title of the harmonised standard (and reference document)	Reference of superseded standard	Date of cessation of presumption of confor- mity of superseded standard Note 1
CENELEC	EN 50284:1999 Special requirements for construction, test and marking of electrical apparatus of equip- ment group II, Category 1 G	—	
CENELEC	EN 50303:2000 Group I, Category M1 equipment intended to remain functional in atmospheres endan- gered by firedamp and/or coal dust	—	
CENELEC	EN 50381:2004 Transportable ventilated rooms with or without an internal source of release + Corri- gendum 12.2005	—	
CENELEC	EN 60079-7:2003 Electrical apparatus for explosive gas atmospheres — Part 7: Increased safety 'e' (IEC 60079-7:2001)	EN 50019:2000 Note 2.1	01.07.2006
CENELEC	EN 60079-15:2003 Electrical apparatus for explosive gas atmospheres — Part 15: Type of protection 'n' (IEC 60079-15:2001 (Modified))	EN 50021:1999 Note 2.1	01.07.2006
CENELEC	EN 61779-1:2000 Electrical apparatus for the detection and measurement of flammable gases — Part 1: General requirements and test methods (IEC 61779-1:1998 (Modified))	EN 50054:1998 Note 2.1	Date expired (30.06.2003)
	EN 61779-1:2000/A11:2004	Note 3	Date expired (01.08.2004)
CENELEC	EN 61779-2:2000 Electrical apparatus for the detection and measurement of flammable gases — Part 2: Performance requirements for group I apparatus indicating a volume fraction up to 5 % methane in air (IEC 61779-2:1998 (Modified))	EN 50055:1998 Note 2.1	Date expired (30.06.2003)
CENELEC	EN 61779-3:2000 Electrical apparatus for the detection and measurement of flammable gases — Part 3: Performance requirements for group I apparatus indicating a volume fraction up to 100 % methane in air (IEC 61779-3:1998 (Modified))	EN 50056:1998 Note 2.1	Date expired (30.06.2003)
CENELEC	EN 61779-4:2000 Electrical apparatus for the detection and measurement of flammable gases — Part 4: Performance requirements for group II apparatus indicating a volume fraction up to 100 % lower explosive limit (IEC 61779-4:1998 (Modified))	EN 50057:1998 Note 2.1	Date expired (30.06.2003)
CENELEC	EN 61779-5:2000 Electrical apparatus for the detection and measurement of flammable gases — Part 5: Performance requirements for group II apparatus indicating a volume fraction up to 100 % gas (IEC 61779-5:1998 (Modified))	EN 50058:1998 Note 2.1	Date expired (30.06.2003)
CENELEC	EN 62013-1:2002 Caplights for use in mines susceptible to firedamp — Part 1: General requirements — Construction and testing in relation to the risk of explosion (IEC 62013-1:1999 (Modified))	—	

(1) ESO: European Standardisation Organisation:

— CEN: rue de Stassart 36, B-1050 Brussels, Tel.(32-2) 550 08 11; fax (32-2) 550 08 19 (<http://www.cenorm.be>)— CENELEC: rue de Stassart 35, B-1050 Brussels, Tel.(32-2) 519 68 71; fax (32-2) 519 69 19 (<http://www.cenelec.org>)— ETSI: 650, route des Lucioles, F-06921 Sophia Antipolis, Tel.(33) 492 94 42 00; fax (33) 493 65 47 16 (<http://www.etsi.org>)

- 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 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 Directive 98/34/EC <sup>(1)</sup> of the European Parliament and of the Council amended by Directive 98/48/EC <sup>(2)</sup>.
- 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://europa.eu.int/comm/enterprise/newapproach/standardization/harmstds/>

---

<sup>(1)</sup> OJ L 204, 21.7.1998, p. 37.

<sup>(2)</sup> OJ L 217, 5.8.1998, p. 18.