

Atmósferas explosivas. Parte 38: Equipos y componentes utilizados en atmósferas explosivas en minería subterránea. (ISO/IEC 80079-38:2016)
(Ratificada por la Asociación Española de Normalización en octubre de 2018.)

UNE-EN ISO/IEC 80079-38:2016

Atmósferas explosivas. Parte 38: Equipos y componentes utilizados en atmósferas explosivas en minería subterránea. (ISO/IEC 80079-38:2016) (Ratificada por la Asociación Española de Normalización en octubre de 2018.)

Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines (ISO/IEC 80079-38:2016) (Endorsed by Asociación Española de Normalización in October of 2018.)

Atmosphères explosives - Partie 38: Appareils et composants destinés à être utilisés dans les mines souterraines grisouteuses (ISO/IEC 80079-38:2016) (Entérinée par l'Asociación Española de Normalización en octobre 2018.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN ISO/IEC 80079-38:2016 (Fecha de disponibilidad 2016-12-21)

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English Version

**Explosive atmospheres - Part 38: Equipment and
components in explosive atmospheres in underground
mines (ISO/IEC 80079-38:2016)**

Atmosphères explosives - Partie 38: Appareils et
composants destinés à être utilisés dans les mines
souterraines grisouteuses (ISO/IEC 80079-38:2016)

Explosionsfähige Atmosphären - Teil 38: Geräte und
Komponenten in explosionsfähigen Atmosphären in
untertägigen Bergwerken (ISO/IEC 80079-38:2016)

This European Standard was approved by CEN on 18 February 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN ISO/IEC 80079-38:2016) has been prepared by subcommittee 31M: Nonelectrical equipment and protective systems for explosive atmospheres, of IEC technical committee 31: Equipment for explosive atmospheres" in collaboration with Technical Committee CEN/TC 305 "Potentially explosive atmospheres - Explosion prevention and protection" 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 June 2017, and conflicting national standards shall be withdrawn at the latest by June 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

The significant changes with respect to EN 1710+A1:2008 are included in Annex ZC "Significant changes between this European Standard and EN 1710+A1:2008".

This document supersedes EN 1710:2005+A1:2008.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) 2014/34/EU and 2006/42/EC.

For relationship with EU Directives, see informative Annex ZA and ZB, which are integral parts of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO/IEC 80079-38:2016 has been approved by CEN as EN ISO/IEC 80079-38:2016 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2014/34/EU

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2014/34/EU

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2014/34/EU

Clause(s)/sub-clause(s) of this EN	Essential Requirements (ERs) of Directive 2014/34/EU	Qualifying remarks/Notes
4; 5	1.0.1	EN ISO 80079-36
4; 5	1.0.2	
6.2; 6.3	1.0.3	
4.1; 5.1.2; 5.1.3	1.0.4	EN ISO 80079-36
8	1.0.5	EN ISO 80079-36
7.2	1.0.6	
4; 4.1; 5.3	1.1.1	EN ISO 80079-36, EN 60079-0
4.1; 4.3; 5.4; 5.5; 5.6; 5.7; 5.9	1.1.2	EN ISO 80079-36, EN 60079-0, IEC 60204-1
4.1	1.1.3	EN ISO 80079-36, EN 60079-0
4.1	1.2.1	
4	1.2.4	
4	1.2.5	
7.1	1.2.6	EN ISO 80079-36, EN 60079-0
1; 4.4; 5.3.1.7; 5.8	1.2.7 a)	EN 60204-1, EN 60204-11 and standards supporting Directive 98/37/EC deal with this subject
1; 4.1; 4.2.3; 4.4.3.1; 5.4.2; 5.5; 5.6; 5.7; 5.9; 6.1; C.8; C.9; C.10	1.2.7 b)	
1; 4.2; 6.2	1.2.7 c)	EN ISO 80079-36
1; 4.4.3; 5.8	1.2.7 d)	
4.1; 4.2; 4.3; 5.3.1.7; 5.4.1; 5.4.2;	1.2.8	

Clause(s)/sub-clause(s) of this EN	Essential Requirements (ERs) of Directive 2014/34/EU	Qualifying remarks/Notes
5.4.6		
4.3; 4.4	1.2.9	EN ISO 80079-36, EN 60079-1
1; 4.1; 4.2.3; 4.4.3.1; 5.1; 5.4.2; 5.4.3; 5.5; 5.6; 5.7; 6.1; 7.2	1.3.1	
4.1; 4.4.6.2; 5.3.2; 5.4.1; 5.4.5; 6.6; C.6	1.3.2	EN ISO 80079-36, EN 60079-0
4.1; 4.4.6; C.4; C.5	1.3.3	EN 60204-1, EN 60204-11
5.3.1.7; 5.4.2	1.3.4	EN 60204-1, EN 60204-11
	1.4.1	External effects are the subject of agreement between the manufacturer and user.
4.1	1.4.2	Resistance to chemical attack is subject to agreement between the manufacturer and user.
5.4.1; 5.7.1; 5.8	1.5.1 to 1.5.8	EN ISO 80079-37 and standards supporting the use of Work Equipment Directive (95/63/EC)
5.4.1	1.6.1 to 1.6.5	
1 (not applicable)	2.0.1	
1; 4; 5	2.0.2	EN ISO 80079-36, EN 60079-0
1; 4; 5	2.0.2.1	EN ISO 80079-36, EN 60079-0
7.1	2.0.2.2	
1 (not applicable)	2.0.2.3	
1 (not applicable)	2.1	
1 (not applicable)	2.2	
1 (not applicable)	2.3	

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.