

**SLOVENSKI STANDARD**  
**SIST EN ISO/IEC 80079-38:2017/A1:2018**  
**01-oktober-2018**

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**Eksplzivne atmosfere - 38. del: Oprema in komponente, namenjene za uporabo v eksplozivnih atmosferah v podzemnih rudnikih (ISO/IEC 80079-38:2016)**

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

Explosionsfähige Atmosphären - Teil 38: Geräte und Komponenten in explosionsfähigen Atmosphären in untertägigen Bergwerken (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)

<https://standards.iteh.ai/catalog/standards/sist/2b109423-7a32-4fd0-92d2-5c8938c8b175/sist-en-iso-iec-80079-38-2017-a1-2018>

**Ta slovenski standard je istoveten z: EN ISO/IEC 80079-38:2016/A1:2018**

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**ICS:**

29.260.20	Električni aparati za eksplozivna ozračja	Electrical apparatus for explosive atmospheres
73.100.30	Oprema za vrtanje in izkopavanje	Equipment for drilling and mine excavation

**SIST EN ISO/IEC 80079-38:2017/A1:2018 en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO/IEC 80079-  
38:2016/A1**

May 2018

ICS 29.260.20

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 amendment A1 modifies the European Standard EN ISO/IEC 80079-38:2016; it was approved by CEN on 24 January 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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## European foreword

This document (EN ISO/IEC 80079-38:2016/A1:2018) has been prepared by Technical Committee ISO/TMBG "Technical Management Board - groups" in collaboration with Technical Committee CEN/TC 305 "Potentially explosive atmospheres - Explosion prevention and protection", the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO/IEC 80079:2018 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2018, and conflicting national standards shall be withdrawn at the latest by November 2018.

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

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).

For relationship with EU Directive(s), see informative Annexes ZA and B, which is an integral part 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.

<https://standards.iteh.ai/catalog/standards/sist/2b109423-7a32-4fd0-92d2-5c8938c8b175/iso-iec-80079-38-2017-a1-2018>

## Endorsement notice

The text of ISO/IEC 80079-38:2016 has been approved by CEN as EN ISO/IEC 80079-38:2016/A1:2018 without any modification.

## Annex ZA (informative)

### Relationship between this European Standard and the essential requirements of Directive 2014/34/EU aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/BC/CEN/92/46 to provide one voluntary means of conforming to essential requirements of Directive 2014/34/EU "Directive 2014/34/EU Of The European Parliament And Of The Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast)".

Once this standard is cited in the Official Journal of the European Union under that Directive compliance with the normative 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**

Requirement /EU	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
		General: To confer a presumption of conformity with the relevant essential requirements of Directive 2014/34/EU, this standard has to be applied together with at least with one of those standards as specified in this Column below
1.0.1	4; 5	EN ISO 80079-36
1.0.2	4; 5	
1.0.3	6.2; 6.3	
1.0.4	4.1; 5.1.2; 5.1.3	EN ISO 80079-36
1.0.5	8	EN ISO 80079-36
1.0.6	7.2	
1.1.1	4; 4.1; 5.3	EN ISO 80079-36, EN 60079-0
1.1.2	4.1; 4.3; 5.4; 5.5; 5.6; 5.7; 5.9	EN ISO 80079-36, EN 60079-0,
1.1.3	4.1	EN ISO 80079-36, EN 60079-0
1.2.1	4.1	
1.2.4	4	
1.2.5	4	
1.2.6	7.1	EN ISO 80079-36, EN 60079-0

Requirement /EU	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.2.7 a)	4.4; 5.3.1.7; 5.8	
1.2.7 b)	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 c)	4.2; 6.2	EN ISO 80079-36
1.2.7 d)	4.4.3; 5.8	
1.2.8	4.1; 4.2; 4.3; 5.3.1.7; 5.4.1; 5.4.2; 5.4.6	
1.2.9	4.3; 4.4	EN ISO 80079-36
1.3.1	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	
1.3.2	4.1; 4.4.6.2; 5.3.2; 5.4.1; 5.4.5; 6.6; C.6	EN ISO 80079-36, EN 60079-0
1.3.3	4.1; 4.4.6; C.4; C.5	
1.3.4	5.3.1.7; 5.4.2	
1.4.1	4.4.5; 6.3; 7.2	instructions notice for limits of use
1.4.2	4.1; 7.2 C1, C.10; C.13	instructions notice for limits of use
1.5.1 to 1.5.8	5.4.1; 5.7.1; 5.8	EN ISO 80079-36
1.6.1 to 1.6.5	5.4.1	
2.0.2	4; 5	EN ISO 80079-36, EN 60079-0
2.0.2.1	4; 5	EN ISO 80079-36, EN 60079-0
2.0.2.2	7.1	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

## Annex ZB (informative)

### Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/396 to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC "DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)".

Once this standard is cited in the Official Journal of the European Union under that Directive compliance with the normative 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 2006/42/EC**

Essential Requirements of Directive 2006/42/EC	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.5.7	Whole standard	

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

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