
Stroji za podzemne rudnike - Premični rudarski stroji na odkopu - Varnostne zahteve za valjčne nakladalne stroje in sisteme s plugom - Dopolnilo A1 (ISO 19225:2017/Amd 1:2019)

Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1 (ISO 19225:2017/Amd 1:2019)

Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1 (ISO 19225:2017/Amd 1:2019)

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Machines d'exploitation de mines et carrières souterraines - Machines mobiles d'abattage de front de taille - Exigences de sécurité imposées aux haveuses à tambour (s) et aux rabots - Amendement 1 (ISO 19225:2017/Amd 1:2019)

Ta slovenski standard je istoveten z: EN ISO 19225:2017/A1:2019

ICS:

73.100.30	Oprema za vrtanje in izkopavanje	Equipment for drilling and mine excavation
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EUROPEAN STANDARD
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English Version

Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1 (ISO 19225:2017/Amd 1:2019)

Machines d'exploitation de mines et carrières souterraines - Machines mobiles d'abattage de front de taille - Exigences de sécurité imposées aux haveuses à tambour(s) et aux rabots - Amendement 1 (ISO 19225:2017/Amd 1:2019)

Bergbaumaschinen unter Tage - Mobile Abbaumaschinen im Streb - Sicherheitsanforderungen für Walzenlader und Hobelanlagen - Änderung 1 (ISO 19225:2017/Amd 1:2019)

This amendment A1 modifies the European Standard EN ISO 19225:2017; it was approved by CEN on 29 September 2019.

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 19225:2017/A1:2019) has been prepared by Technical Committee ISO/TC 82 "Mining" in collaboration with Technical Committee CEN/TC 196 "Mining machinery and equipment - Safety" the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 19225:2017 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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 Annex ZA, 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 19225:2017/Amd 1:2019 has been approved by CEN as EN ISO 19225:2017/A1:2019 without any modification.

Annex ZA (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 (Machinery) to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC (MD).

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 (MD)

Essential Requirements of Directive 2006/42/EC (MD)	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
1.1.2. Principles of safety integration	5.4.1; 5.13; 6; 7.3.5	
1.1.3. Materials and products	5.10.1	
1.1.5. Design of machinery to facilitate its handling	5.12; 7.3.2	
1.1.6. Ergonomics	5.4.3.1; 5.4.5; 5.4.6	
1.1.7. Operating positions	5.4.5; 5.4.6	
1.2.1. Safety and reliability of control systems	5.4.2; 5.4.3; 5.4.3.1; 5.4.3.5; 5.4.6; 5.4.8; 5.4.8.2; 5.4.8.3	
1.2.2. Control devices	5.4.1; 5.4.3; 5.4.3.1; 5.4.3.4; 5.4.3.5.3; 5.4.5; 5.4.6	
1.2.3. Starting	5.4.3; 5.4.3.3; 5.4.3.5.3; 5.4.7	
1.2.4.1. Normal stop	5.4.3; 5.4.3.5.1	
1.2.4.2. Operational stop	5.4.3.5.3	
1.2.4.3. Emergency stop	5.4.3.5.3; 5.4.5; 5.4.6; 5.4.7	
1.2.4.4. Assembly of machinery	5.4.3.5.3	
1.2.5. Selection of control or operating modes	5.4.3; 5.4.3.1; 7.3.6	
1.2.6. Failure of the power supply	5.4.3; 5.4.3.5; 5.4.4; 5.4.8.3; 5.5	
1.3.1. Risk of loss of stability	5.3; 5.12; 7.3	
1.3.2. Risk of break-up during	5.9; 5.10; 7.3.6	

operation		
1.3.3. Risks due to falling or ejected objects	5.5	
1.3.4. Risks due to surfaces, edges or angles	5.2.1; 5.9.1	
1.3.7. Risks related to moving parts	5.9.1; 7.2	
1.3.8.1. Moving transmission parts	5.9	
1.3.8.2. Moving parts involved in the process	5.9	
1.3.9. Risks of uncontrolled movements	5.4.8.2; 5.4.8.3	
1.4.1. General requirements	5.9	
1.4.2.1. Fixed guards	5.9	
1.5.1. Electricity supply	5.4.3; 5.8	
1.5.4. Errors of fitting	5.8; 5.9; 5.10; 7	
1.5.5. Extreme temperatures	5.2.2; 5.9.3; 5.10.1	
1.5.6. Fire	5.11	
1.5.8. Noise	5.7.2; A	
1.5.13. Emissions of hazardous materials and substances	5.6.2; 5.6.3	
1.6.1. Machinery maintenance	5.10.1; 5.13; 73.6	
1.6.2. Access to operating positions and servicing points	5.13	
1.6.3. Isolation of energy sources	5.4.3.2; 5.4.8.5; 5.8.2	
1.6.4. Operator intervention	5.4.3.1	
1.7.1. Information and warnings on the machinery	7.2	
1.7.1.1. Information and information devices	5.4.3; 7.3.5	
1.7.1.2. Warning devices	5.4.3; 5.4.3.4;	
1.7.2. Warning of residual risks	7.2	

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1.7.3. Marking of machinery	5.12; 7.3.1; 7.3.5; 7.3.6; 7.4	
1.7.4. Instructions	7.3; 7.3.6	
1.7.4.1. General principles for the drafting of instructions	7.3	
1.7.4.2. Contents of the instructions	7.3.1; 7.3.2; 7.3.3; 7.3.4; 7.3.5; 7.3.6; A1	
3.3 Control systems	5.4.3; 5.4.5; 5.4.6	
3.3.3. Travelling function	5.4.5	
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3.6.1. Signs, signals and warnings	5.4.3.1; 5.4.3.4; 5.4.5; 7.2	
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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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WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

INTERNATIONAL STANDARD

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AMENDMENT 1
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Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems

AMENDMENT 1

iTeh STANDARD PREVIEW
*Machines d'exploitation de mines et carrières souterraines —
Machines mobiles d'abattage de front de taille — Exigences de
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AMENDEMENT 1

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