



BSI Standards Publication

Mining – Mobile machines working underground – Machine safety (ISO 19296:2018)

National foreword

This British Standard is the UK implementation of EN ISO 19296:2018. It supersedes BS EN 1889-1:2011, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MRE/1, Mining mechanical equipment and machinery.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Published by BSI Standards Limited 2019

ISBN 978 0 539 04244 3

ICS 13.110; 53.100; 73.100.40; 73.100.99

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2019.

Amendments/corrigenda issued since publication

Date	Text affected
31 March 2019	Implementation of CEN correction notice 20 February 2019: Date of withdrawal corrected
31 March 2019	Annex ZA added

English Version

**Mining - Mobile machines working underground -
Machine safety (ISO 19296:2018)**

Exploitation minière - Engins mobiles
d'exploitation souterraine - Sécurité
des machines (ISO 19296:2018)

Bergbau- und Erdbaumaschinen
- Mobile Untertagemaschinen -
Maschinensicherheit (ISO 19296:2018)

This European Standard was approved by CEN on 12 December 2018.

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European foreword

This document (EN ISO 19296:2018) 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 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of an identical text or by endorsement, at the latest by June 2019, and conflicting national standards shall be withdrawn at the latest by December 2020.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 supersedes [EN 1889-1:2011](#).

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 the relationship with EU Directive(s) see informative [Annex ZA](#), which is an integral part of this document.

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Endorsement notice

The text of ISO 19296:2018 has been approved by CEN as EN ISO 19296:2018 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
Within the limits of the scope all relevant essential requirements are covered	All normative clauses	For relation of normative clauses of this standard to significant hazards/relevant essential requirements of 2006/42/EC see informative Annex B „List of significant hazards“ of this standard in combination with Annex D “Examples of significant hazards, hazardous situations, hazardous events and their relation to the Essential Requirements of the Machinery Directive 2006/42/EC” of CEN Guide 414

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.

Contents

Page

Foreword	vi
Introduction	vii
1 Scope	1
2 Normative references	1
3 Terms and definitions	4
4 Safety requirements and/or protective/risk reduction measures	9
4.1 General requirements	9
4.1.1 General	9
4.1.2 Moving parts	9
4.1.3 Equipment carrier restraints	10
4.1.4 Starting system	10
4.1.5 Unintended movement	10
4.2 Lifting and transportation	10
4.3 Towing and retrieval	10
4.4 Fluid power systems	11
4.4.1 Hydraulic systems	11
4.4.2 Pneumatic systems	12
4.5 Electrical equipment	13
4.5.1 General	13
4.5.2 Electromagnetic compatibility (EMC)	13
4.5.3 Batteries	13
4.6 Machines powered by diesel engine	13
4.6.1 Fuel and exhaust	13
4.6.2 Exhaust pipes	13
4.6.3 Engine cooling system	14
4.7 Fuel systems	14
4.7.1 Fuel tanks	14
4.7.2 Fuel tank filler inlet	14
4.7.3 Fuel tank vent system	14
4.7.4 Fuel tank drainage device	14
4.7.5 Fuel shut-off system	14
4.7.6 Fuel lines	15
4.8 Light intensity and quantity	15
4.8.1 General	15
4.8.2 Head lights	15
4.8.3 Tail lights	15
4.8.4 Reversing lights	15
4.8.5 Stop lamps	15
4.8.6 Both direction lights	15
4.8.7 Protective systems	16
4.9 Warning devices and safety signs	16
4.10 Braking	16
4.10.1 General requirements	16
4.11 Control systems and devices	16
4.11.1 General	16
4.11.2 Control devices	16
4.11.3 Steering systems	17
4.11.4 Displays	17
4.12 Operator and passenger's position	18
4.12.1 Protection	18
4.12.2 Access systems	18
4.12.3 Visibility	18
4.12.4 Interior space, dimensions, and seats	19