

SLOVENSKI STANDARD
SIST EN ISO 19225:2018/oprA1:2019
01-januar-2019

Stroji za podzemne rudnike - Premični rudarski stroji na odkopu - Varnostne zahteve za valjčne nakladalne stroje in sisteme s plugom - Dopolnilo A1 (ISO 19225:2017/DAmD 1:2018)

Underground mining machines - Mobile extracting machines at the face - Safety requirements for shearer loaders and plough systems - Amendment 1 (ISO 19225:2017/DAmD 1:2018)

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/DAmD 1:2018)

Ta slovenski standard je istoveten z: EN ISO 19225:2017/prA1

ICS:

73.100.30	Oprema za vrtnanje in izkopavanje	Equipment for drilling and mine excavation
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SIST EN ISO 19225:2018/oprA1:2019 **en,fr,de**

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Full standard:
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DRAFT AMENDMENT

ISO 19225:2017/DAM 1

ISO/TC 82

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

AMENDMENT 1

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

ICS: 73.100.30

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ISO/CEN PARALLEL PROCESSING



Reference number
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This document was prepared by Technical Committee ISO/TC 82 *Mining*.

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

AMENDMENT 1

1 Modification of A.2, "A-weighted emission sound pressure level determination"

Delete the third paragraph.

2 Modification of A.3, "A-weighted sound power level determination"

Delete whole chapter A.3.

3 Modification of A.4, "Installation and mounting conditions of the machines"

Renumber chapter A.4 to read A.3.

Delete second paragraph.

4 Modification of A.5, "Test conditions for shearer loaders at the surface"

Renumber chapter A.5 to read A.4

Add after the second paragraph the following text:

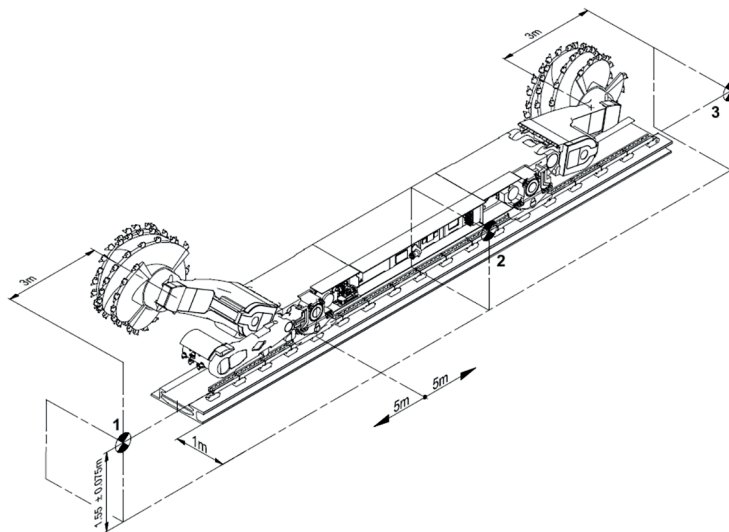
"The measurement shall start with a movement of 5m in one direction, followed by a movement of 10m in the opposite direction and 5m back to the starting position. The equivalent A-weighted sound pressure LAeq level shall be measured with an integrating measurement device at each position in three consecutive measurement runs or simultaneously with three integrating measurement devices."

Add the following text as third paragraph:

"At least three separate measurements shall be carried out at all three positions. The resulting value at each position shall be calculated as the arithmetic average of all three measurements."

Add as figure A.1 after new paragraph 3:

ISO 19225:2017/DAM 1:2018(E)

**Key**

1, 2, 3 Position sound pressure measuring devices

Figure A.1 — Noise measuring shearer loader

Delete in the first indent "the machine needs to move 10 m along the conveyor;"

Delete paragraphs four and five.

5 Modification of A.6, "Test conditions for plough systems in an underground installation"

Renumber A.6 to read A.5.

Replace A.6 with the following text:

"All plough systems are remote controlled either from one of the entries or from the surface. Operators are not exposed to noise of the working plough. Therefore, the noise emission of the plough drives shall be measured.

Measurement of the sound pressure emission level shall be carried out at the surface, without moving parts of the plough itself, the armoured face conveyor and other noise emitting equipment.

During the surface measurement, the necessary water cooling for the gearbox and for the electric engine shall be implemented and activated. The measurement shall be carried out at the nominal rotational speed of the drive. The plough drive should be brought to its working temperature before starting the measurement.

The measurement shall be done under the condition of highest speed of the drives. The equivalent A-weighted sound pressure LAeq level shall be measured with an integrating measurement device at each position in two consecutive measurement runs or simultaneously with two integrating measurement devices. The measurement positions are shown in figure A.2.

At least three separate measurements shall be carried out. The measurement time shall not be less than 15 s. The resulting value at each position shall be calculated as the arithmetic average of all three measurements."