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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

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

Reference number
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Foreword

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

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AMENDMENT 1

2, "Normative references"

Add the following references.

ISO 4871, *Acoustics — Declaration and verification of noise emission values of machinery and equipmen*t

ISO 11201:2010, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions in an essentially free field over a reflecting plane with negligible environmental corrections*

11202:2010, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections*

11204:2010, *Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions applying accurate environmental corrections*

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

Add the publication dates to the listed standards, as follows.

"—ISO 11201:2010 (grade 2: engineering);

— ISO 11202:2010 (grade 2: engineering, or grade 3: survey);

— ISO 11204:2010 (grade 2: engineering, or grade 3: survey)."

Delete the third paragraph.

A.3, "A-weighted sound power level determination"

Delete the whole Clause A.3.

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

Renumber Clause A.4 to read A.3.

Delete the second paragraph.

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

Renumber Clause A.5 to read A.4

After the second paragraph, add the following text (as new third paragraph).

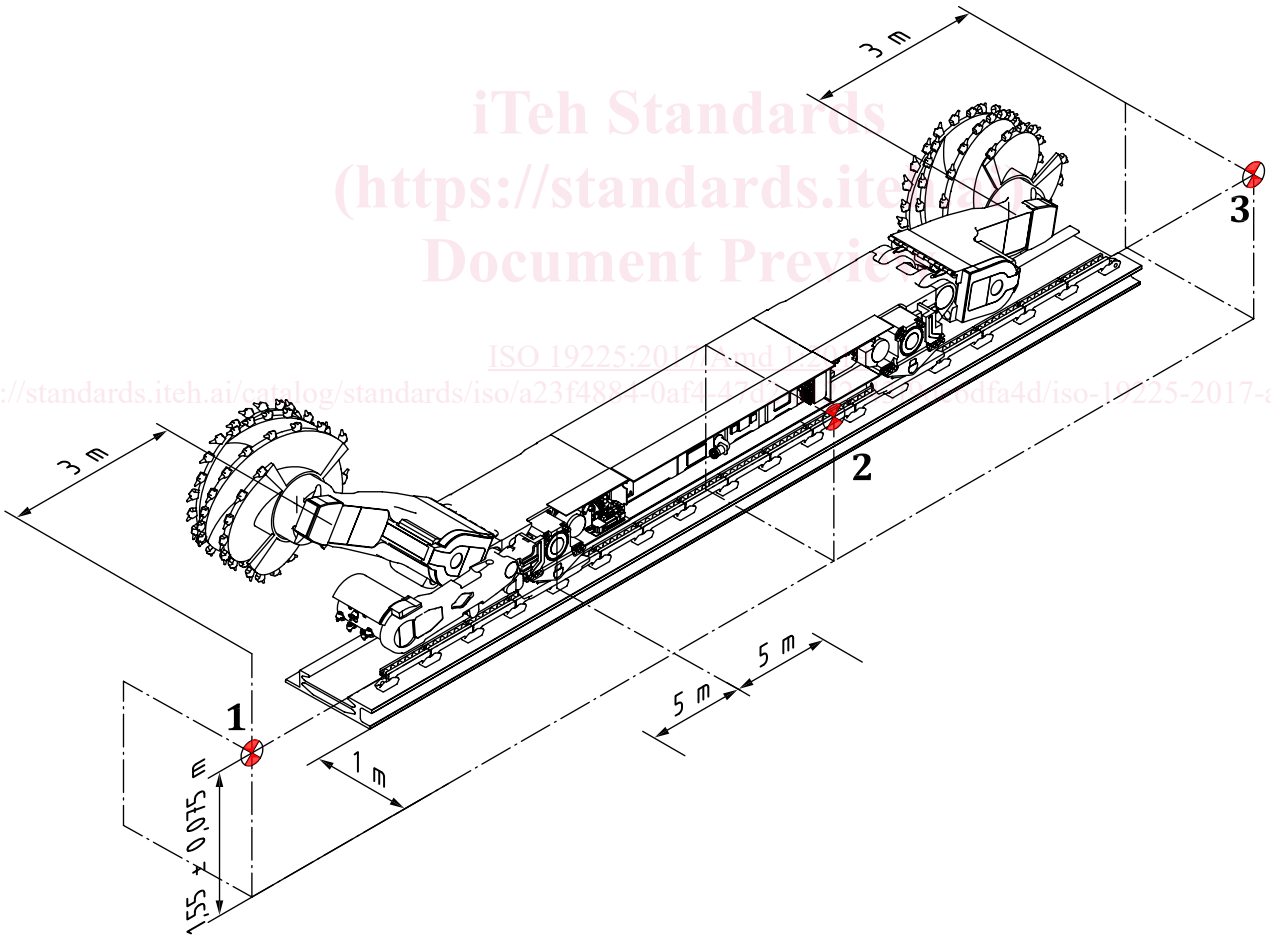
> "The measurement shall start with a movement of 5 m in one direction, followed by a movement of 10 m in the opposite direction and 5 m back to the starting position. The equivalent A-weighted sound pressure L_{pAeq} level shall be measured with an integrating measurement device at each position in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

Add the following text as new fourth paragragraph (after the new third paragraph).

> "At least three separate measurements shall be carried out at all three positions (see Figure A.1). The resulting value at each position shall be calculated as the arithmetic average of all three measurements."

Add the following Figure A.1 after the new fourth paragraph.

Dimensions in metres



Key

1, 2, 3 position of sound pressure measuring devices

Figure A.1 — Noise measuring — Shearer loader

In the list, delete from the first indent "the machine needs to move 10 m along the conveyor;"