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AMENDMENT 1
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Mining — Air quality control systems for operator enclosures — Performance requirements and test methods

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Exploitation minière — Systèmes de contrôle de la qualité de l'air destinés aux enceintes de l'opérateur — Exigences de performance et méthodes d'essai
AMENDEMENT 1

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

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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AMENDMENT 1

Clause 2

Delete the following references:

ISO 29463-1:2017, *High efficiency filters and filter media for removing particles from air — Part 1: Classification, performance, testing and marking*

ISO 29463-2, *High-efficiency filters and filter media for removing particles in air — Part 2: Aerosol production, measuring equipment and particle-counting statistics*

ISO 29463-3, *High-efficiency filters and filter media for removing particles in air — Part 3: Testing flat sheet filter media*

ISO 29463-4:2011, *High-efficiency filters and filter media for removing particles in air — Part 4: Test method for determining leakage of filter elements - Scan method*

ISO 29463-5:2011, *High-efficiency filters and filter media for removing particles in air — Part 5: Test method for filter elements*

Clause 3

In the introductory sentence, delete "ISO 29463-1".

4.2.2.2

Replace letters e), f), and g) with the following text:

e) External air filters and recirculation air filters shall be marked with the following identification details:

1) name, trademark, or other means of identification of the manufacturer;

2) model or part number, and lot number;

3) reference to this document, ISO 23875:2021;

4) filter efficiency on airborne particulate of mass mean diameter size 0,3 µm to 0,5 µm, i.e. XX,XX % at [particle size];

5) nominal air volume flow rate at which the filter has been tested;

6) differential pressure sampled value at which the filter has been tested.

Use of a machine-readable optical label (e.g. matrix barcode) on the filter label is recommended to allow for retrieval of the filter label information.

NOTE For guidance on filter selection, filtration efficiencies above 94 % at 0,3 µm to 0,5 µm on a manufactured filter at its nominal flow rate have been found to be effective in addressing the performance testing requirements for both the intake air leakage test and decay time test.

5.1.3.2

Replace letter a) with the following text:

a) Install new external air and recirculation air filters in accordance with 4.2.2.2 in the HVAC system. Filters should not be damaged when removing them from their packaging or when handling them.

Delete NOTE 1.

5.1.3.3

Replace letter a) with the following text:

a) Install a new recirculation filter in accordance with 4.2.2.2, in the HVAC system. Filters should not be damaged when removing them from their packaging or handling them.

5.2, Table 1

In rows 1 and 2, column 3, delete the word "classification".

6.1

In point 4), delete "classification(s)".

Annex B, Table B.2

In the first column, last row, delete "≥ minimum classification filters as classified in accordance with ISO 29463-1".