

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-PL-21219-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 17.11.2023

Date of issue: 20.12.2023

This annex is a part of the accreditation certificate D-PL-21219-01-00.

Holder of partial accreditation certificate:

AB - Analytik Dr. A. Berg GmbH
Ruhrstraße 49, 22761 Hamburg

with the location

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Ruhrstraße 49, 22761 Hamburg

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the principles of DIN EN ISO 9001.

Tests in the fields:

Determination of fibrous particles in indoor air and in technical products; Analysis of measuring filters or solids for inorganic fibrous particles; Sampling and analysis of fiber dusts deposited on surfaces; Determination of fiber dusts in workplace measurements in accordance with the Ordinance on Hazardous Substances § 7, cl. 10 (Gefahrstoffverordnung - GefStoffV)

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.

Abbreviations used: see last page

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This document is a translation. The definitive version is the original German annex to the accreditation certificate.

*Within the given testing field marked with *, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, the free choice of standard or equivalent testing methods.*

*Within the scope of accreditation marked with ***, the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.*

The listed testing methods are exemplary. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

1 Sampling and sample preparation of asbestos ***

VDI 3866, Part 1 December 2000	Determination of asbestos in technical products – Principle – Sampling and sample preparation
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2 Determination of material/dust samples and measuring filters for asbestos and/or artificial mineral fibers by microscopic and electron microscopic methods *

VDI 3866, Part 4 February 2002	Determination of asbestos in technical products – Phase contrast optical method
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VDI 3866 Part 5 June 2017	Determination of asbestos in technical products – Scanning electron microscopy method
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VDI 3866 Part 5 Annex B June 2017	Determination of asbestos in technical products – Scanning electron microscopy method
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VDI 3492 June 2013	Indor air measurement – Ambient air measurement – Measurement of inorganic fibrous particles – Scanning electron microscopy method
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DGUV Information 213-546 February 2014	Method for the Separate Determination of Concentrations of Inorganic Fibers in Workplaces – Scanning Electron Microscopy Method
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VDI 3876 November 2018	Measurement of asbestos in construction and demolition waste and recycling materials produced there of – sample preparation and analysis
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VDI 3877 Part 1 September 2011	Indoor air pollution – Measurement of settled dust on surfaces – Scanning electron microscopy method
VDI 3877 Part 2 December 2014	Indoor pollution – Measurement of fibrous dusts settled on surfaces – Sampling strategy and assessment of results
BIA workbook 7487 Version X/2003 31. Lfg	Method of analytical determination of low mass contents of asbestos fibers in powders, powders or dusts with REM/EDX
VDI 3861 Part 2 January 2008	Stationary source emissions – Measurement of inorganic fibrous particles in exhaust gas – Scanning electron microscopy method
ISO 22262-1 July 2012	Air quality – Bulk materials – Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials. (only SEM and PLM)
ISO 22262-2 September 2014	Air quality – Bulk materials – Part 2: Quantitative determination of asbestos by gravimetric and microscopical methods (only SEM and PLM)

3 Workplace measurements in accordance with the Ordinance on Hazardous Substances § 7, cl. 10 Gefahrstoffverordnung (GefStoffV) ***

Group 2 Fibre dust	Title of standard	Standard	QM-Document
Component			VA /AA
Asbestos fibre	Asbestos Fibre	DGUV Information 213-546 February 2014 BIA 7487 Lfg.31 - X/2003 VDI 3866, Blatt 1, 4, 5	AA041 AA042 AA043
Other fibres	Other anorganic fibres	DGUV Information 213-546 February 2014	AA041 AA042 AA043

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The procedures listed correspond to the requirements for determining the concentration of hazardous substances at workplaces. Together with the review of the reports submitted in sufficient numbers for the individual groups, the competence for the determination and assessment of hazardous substance concentrations in the air in work areas is confirmed for Group 2 in accordance with the German Ordinance on Hazardous Substances Section 7 (10).

Abbreviations used:

BIA	Berufsgenossenschaftliches Institut für Arbeitssicherheit (German Institute for Occupational Safety and Health)
DIN	Deutsches Institut für Normung e.V. (German Institute for Standardization)
DGUV	Deutsche Gesetzliche Unfallversicherung (German Social Accident Insurance)
EN	European standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
PLM	Polarised Light Microscope
SEM	Scanning Elektron Microscope
VDI	Verein Deutscher Ingenieure e. V. (Association of German Engineers)