

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-PL-21128-01-03 according to DIN EN ISO/IEC 17025:2018

Valid from: 10.07.2023

Date of issue: 10.07.2023

Holder of accreditation certificate:

SGS Chemie-, Industrie- und Spezialanalytik GmbH
Industriestraße 300, 50354 Hürth, Germany

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 confirm generally with the principles of DIN EN ISO 9001.

Tests in the fields:

analysis of samples for hazardous substances in the workplace (without sampling)

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 testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

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.

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1 Analysis of samples for hazardous substances in the workplace (no sampling)

1.1 Analysis of particles collected on filters

VDI 2267 Blatt 1 2019-12	Determination of suspended particulate matter in ambient air – Measurement of element concentration after filter sampling – Determination of Al, As, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sb, Se, Sn, Tl, V and Zn using graphite furnace atomic absorption spectrometry (GF-AAS), optical emission spectrometry with inductively coupled plasma (ICP-OES) and inductively coupled plasma mass spectrometry (ICP-MS) (Restriction: <i>With ICP-OES and no determination of antimony</i>)
NIOSH 7300 2003-03	Elements by ICP (Restriction: <i>With ICP-OES and no determination of antimony</i>)
IFA 6015 2018-11	Processing methods for analysis of metal-bearing dusts

1.2 Determination of inorganic gases and vapours

BGIA 6172 2007	Inorganic acids, volatile: Hydrogen bromide, hydrogen chloride, nitric acid
IFA (BGIA) 6173 2016-05	Inorganic acids, particulate: Phosphoric acid, sulphuric acid
IFA (BGIA) 7512 2006-05	Fluorides and hydrogen fluoride
BGIA 8570 2001	Sulphur dioxide – Determination of sulphate by ion chromatography, calculated as sulphur dioxide after sampling

1.3 Determination of organic substances

DIN ISO 16000-3 2013-01	Indoor air – Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air – Active sampling method (<i>without sampling</i>) (Modification: <i>Additionally glutaraldehyde</i>)
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DGUV 213-548 2021-03	Determination of 1,2-dichloroethane (Restriction: <i>Only method 01 – Sampling with pump and adsorption on activated carbon, headspace gas chromatography after desorption</i>)
BGIA 7322 42. Delivery 2009	Acetic acid esters
BGIA 7569 1. Delivery 2013	Glycol esters, glycol ethers, methyl methacrylate
BGIA 7732 48. Delivery 2011	Hydrocarbons, aliphatic
BGIA 7733 34. Delivery 2005	Hydrocarbons, aromatic
BGIA 7735 43. Delivery 2009	Hydrocarbon mixtures – RCP

Abbreviations used:

BGIA	Berufsgenossenschaftliches Institut für Arbeitsschutz (former name of the German Institute for Occupational Safety and Health, IFA)
DIN	Deutsches Institut für Normung e. V. (German Institute for Standardization)
DGUV	Deutsche Gesetzliche Unfallversicherung (German Social Accident Insurance)
DFG	Deutsche Forschungsgemeinschaft (German Research Foundation)
EN	European standard
IEC	International Electrotechnical Commission
IFA	Institut für Arbeitsschutz (German Institute for Occupational Safety and Health)
ISO	International Organization for Standardization
NIOSH	United States National Institute for Occupational Safety and Health
VDI	Verein deutscher Ingenieure (Association of German Engineers)