

Deutsche Akkreditierungsstelle

Annex to the Accreditation Certificate D-RM-18570-02-00 according to DIN EN ISO 17034:2017

Valid from: 19.05.2023

Date of issue: 19.05.2023

Holder of accreditation certificate:

Fluxana GmbH & Co. KG
Borschelstraße 3, 47551 Bedburg-Hau

The reference material producer meets the requirements of DIN EN ISO 17034:2017 to carry out the conformity assessment activities listed in this annex. The reference material producer 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 17034 are written in the language relevant to the operations of reference material producers and confirm generally with the principles of DIN EN ISO 9001.

Reference material production in the fields:

Reference materials and certified reference materials in the field of raw materials for the construction materials and glass industry, refractory materials, cement and slags

The reference material producer maintains an up-to-date list of reference materials in the accredited area.

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

Page 1 of 2

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

Annex to the Accreditation Certificate D-RM-18570-02-00

Reference materials and certified reference materials in the field of raw materials for the construction materials and glass industry, refractory materials, cement and slags

Product	Property	Range [mass fraction in percent]	characterization strategy
Cement according to ISO 29581-2	XRF typical elements	0,01 - 100	d
Refractory materials according to ISO 12677	XRF typical elements	0,01 - 100	d
Raw materials for the construction materials industry	XRF typical elements	0,01 - 100	d
Raw materials for the glass industry	XRF typical elements	0,01 - 100	d
Slags	XRF typical elements	0,1 - 100	d

- d) Value transfer from an RM to a closely matched candidate RM performed using a single measurement procedure performed by one laboratory according to DIN EN ISO 17034 clause 7.12.3 note 1d).

Abbreviations used:

DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
XRF	X-ray fluorescence spectrometry

Valid from: 19.05.2023

Date of issue: 19.05.2023

Page 2 of 2

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