

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-EP-11183-01-01 according to DIN EN ISO/IEC 17043:2010

Valid from: 06.05.2024

Date of issue: 12.06.2024

This annex is a part of the accreditation certificate D-EP-11183-01-00.

Holder of partial accreditation certificate:

**IfEP GmbH Institut für Eignungsprüfung
Daimlerstraße 8, 45770 Marl**

with the location

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Daimlerstraße 8, 45770 Marl**

The proficiency testing provider meets the requirements of DIN EN ISO/IEC 17043:2010 to carry out the conformity assessment activities listed in this annex. The proficiency testing provider 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 17043 are written in the language relevant to the operations of proficiency testing providers and they conform to the principles of DIN EN ISO 9001.

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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Proficiency testing in the field of:

destructive testing on metals (determination of physical properties, metallography, corrosion testing, emission spectrometry)

The proficiency test provider maintains a current list of proficiency tests in the accredited scope.

Testing field	Proficiency Test Item	Measurand/ test parameter	Name of the Proficiency Testing-Programmes (Examples)
Mechanical- technological testing	Metal specimens	Tensile- and strain values	Tensile test Aluminium, Steel, round specimens, flat specimens
		Hardness values	Hardness testing Brinell, Rockwell, Vickers, mobile Hardness testing
		Impact toughness	Charpy impact test machined specimens, unmachined specimens
		Tensile- and strain values	Bend test (ISO 7438)
		Mass lost	Resistance to intergranular corrosion, indirect verification of salt spray chamber (ASTM A262, ISO 9227)
Emission spectrometry	Metal specimens	Content of elements	Emission spectrometry steel, non-ferrous metals
Metallography	Metal specimens	Grain size, phase content, purity	Metallography, Optical imaging (ISO 643, DIN EN 10247)
		Assessment of structure and assessment of creep damage	Metallography Specimen preparation (VGB-TW-S-517-00)

Abbreviations used:

ASTM	American Society for Testing and Materials
DIN	German institute for standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
VGB-TW	VGB PowerTech e.V.

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