

## Deutsche Akkreditierungsstelle

### Annex to the Accreditation Certificate D-PL-20673-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 17.10.2025

Date of issue: 17.10.2025

**This annex is part of the Accreditation Certificate D-PL-20673-01-00.**

Holder of the Accreditation Certificate:

**Höganäs Germany GmbH  
Im Schleeke 78-91, 38642 Goslar**

with the location

**Höganäs Germany GmbH  
Säckinger Straße 51, 79725 Laufenburg**

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.

*This annex to the certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS) and is digitally sealed.  
This annex to the certificate 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 valid and surveyed accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH ([www.dakks.de](http://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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Tests in the fields:

**Testing of refractory metal powders and their compounds, including iron, nickel and cobalt based alloys as well as ceramic powders;**

**Chemical analyses of nitrogen, oxygen, carbon and sulphur as well as diverse physical analyses for the characterisation of powder properties; determination of specific surfaces by gas adsorption method; Phase analysis by X-ray diffraction**

**Flexible Scope of Accreditation:**

**The testing laboratory is permitted to use standardised or equivalent test methods listed here with different issue dates without being required to prior inform and obtain approval from DAkkS (flexibilization according to category A).**

**The testing laboratory has an up-to-date list of all test methods within the flexible scope of accreditation. The list is publicly available on the website of the testing laboratory.**

ASTM B 212 2021	Standard Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel
ASTM B 417 2022	Standard Test Method for Apparent Density of Free-Flowing Metal Powders Using the Carney Flowmeter Funnel
ASTM B 213 2020	Standard Test Methods for Flow Rate of Metal Powders Using the Hall Flowmeter Funnel
ASTM B 964 2023	Standard Test Methods for Flow Rate of Metal Powders Using the Carney Flowmeter Funnel
ASTM B 214 2022	Standard Test Method for Sieve Analysis of Metal Powders
ASTM B 329 2024	Standard Test Method for Apparent Density of Metal Powders and Compounds Using the Scott Volumeter
ASTM B 330 2020	Standard Test Methods for Estimating Average Particle Size of Metal Powders and Related Compounds Using Air Permeability
ASTM B 527 2024	Standard Test Method for Tap Density of Metal Powders and Compounds

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ASTM B 822 2020	Standard Test Method for Particle Size Distribution of Metal Powders and Related Compounds by Light Scattering
ISO 9277 2022-11	Determination of the specific surface area of solids by gas adsorption — BET method
ISO 13322-2 2021-12	Particle Size Analysis – Image Analysis Methods – Part 2: Dynamic Image Analysis Methods

**The following test methods are outside of the flexible accreditation scope:**

PRV LLG 358 2019-09-20	Determination of O and N in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with carrier gas hot extraction
PRV LLG 356 2019-09-20	Determination of C and S in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with combustion analysis
PRV LLG 413 2019-09-20	Determination of C and S in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with combustion analysis
PRV LLO 647 2025-01	Phase analysis by X-ray diffraction in metallic and ceramic powders

**Abbreviations used:**

DIN	German institute for standardization
EN	European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ASTM	American Society for Testing and Materials
PRV...	In house method of the Höganäs Germany GmbH

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