

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the testing laboratory

Höganäs Germany GmbH
Analytical Service
Säckinger Strasse 51, 79725 Laufenburg

is competent under the terms of DIN EN ISO/IEC 17025:2018 to carry out tests in the following 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

The accreditation certificate shall only apply in connection with the notice of accreditation of 19.01.2021 with the accreditation number D-PL-20673-01. It comprises the cover sheet, the reverse side of the cover sheet and the following annex with a total of 2 pages.


Registration number of the certificate: **D-PL-20673-01-00**

Frankfurt am Main,
19.01.2021

Dipl.-Ing. (FH) Ralf Egner
Head of Division

Translation issued:
02.02.2021

Head of Division



The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.

<https://www.dakks.de/en/content/accredited-bodies-dakks>

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

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-20673-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 19.01.2021

Date of issue: 02.02.2021

Holder of certificate:

Höganäs Germany GmbH
Analytical Service
Säckinger Strasse 51, 79725 Laufenburg

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

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.

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

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

Annex to the accreditation certificate D-PL-20673-01-00

ASTM B 212 2017	Standard Test Method for Apparent Density of Free-Flowing Metal Powders Using the Hall Flowmeter Funnel
ASTM B 213 2020	Standard Test Methods for Flow Rate of Metal Powders Using the Hall Flowmeter Funnel
ASTM B 214 2016	Standard Test Method for Sieve Analysis of Metal Powders
ASTM B 329 2020	Standard Test Method for Apparent Density of Metal Powders and Compounds Using the Scott Volumeter
ASTM B 330 2015	Standard Test Methods for Estimating Average Particle Size of Metal Powders and Related Compounds Using Air Permeability
ASTM B 527 2020	Standard Test Method for Tap Density of Metal Powders and Compounds
ASTM B 822 2017	Standard Test Method for Particle Size Distribution of Metal Powders and Related Compounds by Light Scattering
DIN ISO 9277 2014-01	Determination of the specific surface area of solids by gas adsorption - BET method
PRV-STC LLG 358 ¹ 2017-05	Determination of O and N in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with carrier gas hot extraction
PRV-STC LLG 356 ¹ 2017-05	Determination of C and S in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with combustion analysis
PRV-STC LLG 413 ¹ 2017-05	Determination of C and S in metal, metal compounds, ceramic powders (borides, carbides, nitrides, oxides) with combustion analysis

Abbreviations used:

DIN	German Institute for Standardisation
ISO	International Organisation for Standardisation
ASTM	American Society for Testing and Materials
PRV-STC	In house method of the Höganäs Germany GmbH

¹ not within the flexible scope of accreditation

Valid from: 19.01.2021
Date of issue: 02.02.2021