DAkkS
Deutsche
Akkreditierungsstelle

Accreditation

The Deutsche Akkreditierungsstelle attests with this **Accreditation Certificate** that

Schenck RoTec GmbH
Landwehrstraße 55, 64293 Darmstadt

operates a testing laboratory that fulfills the requirements according to DIN EN ISO/IEC 17025:2018 for those conformity assessment activities specified in detail in the annex listed below. This includes additional existing legal and normative requirements for the testing laboratory including those in relevant sectoral schemes, provided that these are explicitly confirmed in the annex listed below.

D-PL-17225-01-01 Valid from: 15.09.2025

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 accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of DIN EN ISO/IEC 17011 and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notice of 15.09.2025 with accreditation number D-PL-17225-01.
It consists of this cover sheet, the reverse side of the cover sheet and the corresponding annex.

Registration number of the accreditation certificate: **D-PL-17225-01-00**

Berlin, 15.09.2025 David Grünewald, M. Sc.
Head of Technical Unit

Translation issued:
15.09.2025 David Grünewald, M. Sc.
Head of Technical Unit

This accreditation certificate was issued by the Deutsche Akkreditierungsstelle GmbH (DAkkS). It is digital sealed and valid without signature. It 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).

See notes overleaf

Deutsche Akkreditierungsstelle GmbH

Office Berlin
Spittelmarkt 10
10117 Berlin

The Deutsche Akkreditierungsstelle GmbH (DAkkS) is the entrusted national accreditation body of the Federal Republic of Germany according to § 8 section 1 AkkStelleG in conjunction with § 1 section 1 AkkStelleGBV. DAkkS is designated as the national accreditation authority by Germany according to Art. 4 Para. 4 of Regulation (EC) 765/2008 and clause 4.7 of DIN EN ISO/IEC 17000.

Pursuant to Art. 11 section 2 of Regulation (EC) 765/2008, the accreditation certificate shall be recognised as equivalent by the national authorities within the scope of this Regulation as well as by the WTO member states that have committed themselves in bilateral or multilateral mutual agreements to recognise the certificates of accreditation bodies that are members of ILAC or IAF as equivalent.

DAkkS is a signatory to the multilateral agreements for mutual recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Co-operation (ILAC).

The up-to-date state of membership can be retrieved from the following websites:
EA: www.european-accreditation.org
ILAC: www.ilac.org
IAF: www.iaf.nu

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Annex to the Accreditation Certificate D-PL-17225-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: **15.09.2025**

Date of issue: 15.09.2025

This annex is part of the Accreditation Certificate D-PL-17225-01-00.

Holder of the Accreditation Certificate:

Schenck RoTec GmbH
Landwehrstraße 55, 64293 Darmstadt

with the location

Schenck RoTec GmbH
Prüflabor für Auswuchttechnik
Landwehrstraße 55, 64293 Darmstadt

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.

Tests in the fields:

Geometry, mass and unbalance of working standards for unbalance measurement rotation speed and vibration velocity of unbalance measuring and spin test systems as well as unbalance measurements in balancing machinery and equipment each including on-site testing

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).

Abbreviations used: see last page

Flexible Scope of Accreditation:

Within the indicated test areas marked with [Flex A] 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.

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

Department	Standard or Test method / Issue date	Title of the standard or test method	Test Range
Standardized method [Flex A]			
Machinery	ISO 2954 2012-04	Mechanical vibration of rotating and reciprocating machinery - Requirements for instruments for measuring vibration severity	Vibration Velocity
	ISO 21940-21 2022-11	Mechanical vibration - Rotor balancing - Part 21: Description and evaluation of balancing machines	Geometry Mass Unbalance Unbalance-Measurement System
	DIN ISO 21940-21 Supplement 1 2020-11	Mechanical vibration - Rotor balancing - Part 21: Description and evaluation of balancing machines; Supplement 1: Statistical quality capability parameters for assessment of the unbalance measuring process	Unbalance Measurement System
	SAE AS 8617 2020-08	Balancing Machines – Verification Test Requirements	Unbalance Measurement System
	SAE ARP 4048 2020-05	Balancing machines – Description and evaluation Horizontal, two-plane, hard-bearing type for gas turbine rotors	Unbalance Measurement System
	SAE ARP 4050 2017-02	Balancing machines – Description and evaluation Vertical, two-plane, hard-bearing type for gas turbine rotors	Unbalance Measurement System
	SAE ARP 4162 2017-03	Balancing machine proving rotors	Geometry Mass Unbalance

Department	Standard or Test method / Issue date	Title of the standard or test method	Test Range
	SAE ARP 5323 2017-02	Balancing machines – Description and evaluation Vertical, single-plane, hard-bearing type for gas turbine rotors	Unbalance Measurement System
	SAE ARP 6217 2020-05	Balancing machines – Description and evaluation Vertical, single-plane, non-rotating type for gas turbine rotors	Unbalance Measurement System
In house method			
Machinery	ISR BS 100 2019-01	Working standards for balancing technique: Determination of geometric properties	Geometry
	ISR BS 200 2019-01	Working standards for balancing technique: Determination of mass	Mass
	ISR BS 300 2025-04	Working standards for balancing technique: Determination of unbalance properties	Unbalance
	ISR BS 400 2019-01	Unbalance measuring and spin tester systems Determination of rotational speed	Rotation Speed
	ISR BS 500 2025-04	Machines and equipment for balancing technique: Determination of the vibration velocity	Vibration Velocity
	ISR BS 600 2023-10	Machines and equipment for balancing technique: Test of the unbalance measuring system	Unbalance Measurement System

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
ISR BS	International Schenck RoTec Balancing Standard - In house method of the CAB
SAE AS	Society of Automotive Engineers Aerospace Standard
SAE ARP	Society of Automotive Engineers Aerospace Recommended Practice