PFA
PRÜFLABOR FÜR AUSWUCHTTECHNIK

SCHENCK

Schenck RoTec GmbH

List of test procedures currently feasible within the accreditation based on the international standardization incl. procedures supplemented in acc. with Flex III

This overview refers to the annex to accreditation certificate published by DAkkS as of **25-04-2024**.
Registered and highlighted in BLUE are changes to internationally recognized standards since that time.

Testing Field	International Standard / Version	Title of international standard	Test Range
Machinery	ISO 21940-21:2012-07*	Mechanical vibration – Rotor balancing – Part 21: Description and Evaluation of Balancing machines	Geometry
	SAE ARP 4162:2017-03*	Balancing machine proving rotors	
Machinery	ISO 21940-21:2012-07*	Mechanical vibration – Rotor balancing – Part 21: Description and Evaluation of Balancing machines	Mass
	SAE ARP 4162:2017-03*	Balancing machine proving rotors	
Machinery	ISO 21940-21:2012-07*	Mechanical vibration – Rotor balancing – Part 21: Description and Evaluation of Balancing machines	Unbalance
	SAE ARP 4162:2017-03*	Balancing machine proving rotors	
Machinery	ISO 21940-21:2012-07* DIN ISO 21940-21:2020-11 Appendix 1*	Mechanical vibration – Rotor balancing – Part 21: Description and Evaluation of Balancing machines	Unbalance measuring system
	SAE AS 8617: 2020-08*	Balancing Machines – Verification Test Requirements	
	SAE ARP 4048 REV. A: revised 2024-09*	Balancing machines – Description and evaluation Horizontal, two-plane, hard-bearing type for gas turbine rotors	
	SAE ARP 4050:2017-02*	Balancing machines – Description and evaluation Vertical, two-plane, hard-bearing type for gas turbine rotors	
	SAE ARP 5323:2017-02*	Balancing machines – Description and evaluation Vertical, single-plane, hard-bearing type for gas turbine rotors	
	SAE ARP 6217:2012-05*	Balancing machines – Description and evaluation Vertical, single-plane, non-rotating type for gas turbine rotors	

Abbreviations used:

ISO = International Organization for Standardization
SAE AS = Society of Automotive Engineers Aerospace Standard
SAE ARP = Society of Automotive Engineers Aerospace Recommended Practice

Within the accreditation areas marked with *, the testing laboratory is permitted to use the standardized or equivalent test procedures listed here with different version status without the prior information and consent of the DAkkS (see Annex to the accreditation certificate D-PL-17225-01-00 according to DIN EN ISO /IEC 17025:2018, page 2, of 24-04-2024)

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