

The material laboratory laboratory area is accredited in accordance with DIN EN ISO/IEC 17025 with flexible scope of accreditation as per Category I. This allows free selection of standardized or equivalent test methods within the defined test area in this laboratory area without prior approval from DAkkS.

The following table lists the accredited activities which are performed within the flexible scope as per Category I:

Test object	Test type	Test parameter	Test procedure	Verified since
Fiber-reinforced plastics and fiber composites	Tensile testing	Force Displacement Elongation	DIN EN ISO 527-4	1/1/2012
			DIN EN ISO 527-5	1/1/2012
			ASTM D3039 / D3039M	1/1/2012
			ASTM D3479 / D3479M	1/1/2012
			ISO 13003	1/1/2012
			DIN EN ISO 14129	3/1/2010
			ASTM D 7078	6/1/2014
			DIN EN ISO 527-1/-2	7/1/2013
	Compression testing	Force Displacement Elongation	ISO 14126	1/1/2012
			ASTM D 6641 09	7/1/2009
	Shear strength / flexural strength	Force Displacement Elongation	DIN EN ISO 14130	7/1/2009
			ASTM D 2344	7/1/2014
			DIN 53293	1/1/2012
			ASTM C 393 / C 393M	1/1/2012
			ASTM C 394	1/1/2011
			ASTM C 273 / C 273M	1/1/2011
			ISO 1922	3/1/2013
			DIN EN 1465	9/25/2013
			DIN EN ISO 14125	9/16/2015
	Thermal material testing	Temperature Weight	ISO 11357-2	3/1/2013
DIN EN 2331			3/1/2013	
ISO 1172			3/1/2013	
DIN EN ISO 75-1			11/18/2019	

The rotor blade and field measurement laboratory areas are accredited in accordance with DIN EN ISO/IEC 17025 with the flexible scope of accreditation as per Category III. This allows the use of the testing methods listed on the certificate with different issue dates of the standards in these areas without prior approval from DAkkS.

The following table lists the accredited test methods which are performed within the flexible scope as per Category III:

Test procedure	Test standard	Verified since	Accredited since
Power performance measurements of and measurement of mechanical loads on wind turbines	IEC 61400-13 Wind turbines – Part 13: Measurement of mechanical loads	2014	3/2/2016
	IEC 61400-12-1 Wind turbines – Part 12-1: Power performance measurements of electricity-producing wind turbines	2015	10/5/2018
Full-scale blade tests	IEC 61400-23 Technical standard: Wind turbine generator systems – Part 23: Full-scale structural testing of rotor blades	2009	8/25/2017