



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ATLAS MATERIAL TESTING TECHNOLOGY GMBH
Vogelsbergstraße 22
Linsengericht, GERMANY 63589
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CALIBRATION

Valid To: November 30, 2023

Certificate Number: 2101.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1,5}:

I. Optical Radiation

Parameter/Equipment	Range	CMC ^{2,3} (±)	Comments ⁴
Irradiance – Xenon Customer Xenon Ref. Lamps for Ci Instruments Operating at: Lamp AC Power Up to 6 kW 340 nm 420 nm (300 to 400) nm	 Up to 3.3 W·m ⁻² ·nm ⁻¹ Up to 7.8 W·m ⁻² ·nm ⁻¹ Up to 400 W·m ⁻²	 5.5 % 4.4 % 4.9 %	 SP320 instrument systems spectroradiometer, Hioki PW3335 wattmeter w/ Hioki 9660 current probe & 2 working standards Boro S/Boro-S

¹ This laboratory offers commercial calibration service.

² Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC Uncertainty due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

³ In the statement of CMC Uncertainty, all percentages are defined as “percent of reading”.

⁴ The Spectro 320D Spectroradiometer and NIST 1000-watt FEL Spectral Irradiance Standard reside at Atlas MTT in Mt. Prospect, IL – the Laboratory’s parent company.

⁵ This scope meets A2LA’s *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

ATLAS MATERIAL TESTING TECHNOLOGY GMBH

Linsengericht, GERMANY

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of July 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2101.02
Valid to November 30, 2023

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.