

Element Materials Technology Berlin

Advanced aerospace innovation with
specialized component testing.





We operate one of Europe's most specialized aerospace product qualification and systems testing facilities. Our team in Berlin helps clients tackle complex testing challenges with sophisticated equipment and technical expertise.

Our specialized expertise:

- **Advanced Spin Testing**

We offer comprehensive spin testing capabilities with 7 dedicated spin pits including 3 large, 2 horizontal, and 2 small configurations.

- **Vibration and Fatigue Analysis**

We provide specialized chambers for vibration testing and both high cycle fatigue (HCF) and low cycle fatigue (LCF) evaluations.

- **Structural Strength Testing**

We can perform detailed structural examinations with 25m² and 50m² test beds supporting up to 32 hydraulic channels.

- **Fluid and Fuel System Testing**

Our dedicated facilities allow for comprehensive evaluation of fluid dynamics and fuel system performance.

Why choose Element Berlin?

We excel where other labs give up, focusing on technically challenging and complex testing scenarios. Our 2650m² facility houses specialized equipment for the most demanding aerospace applications. When needed, we offer 24/7 operations for certain test services, minimizing project delays. We collaborate closely with our sister sites in Warwick and Seville to deliver comprehensive testing programs.

Success in numbers

Our technical heritage dates back to 1999, combining expertise from BMW Rolls-Royce GmbH's component testing divisions. Located in Berlin's WISTA Adlershof area, we're just 15 minutes from Berlin-Brandenburg Airport and 30 minutes from Berlin's city center.

Take the next step

We're here to support your specialized testing needs across aerospace, energy, and automotive sectors.

Accreditations and Approvals

We meet AS/EN 9100 and ISO 9001:2000 standards and adhere to international aerospace quality management systems including customer-specific standards like Rolls-Royce/SABRe.

Connect with our team

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