

Element Materials Technology Linköping

Precision material solutions born
from aviation excellence.





We operate a comprehensive materials expertise center with aerospace and defense industry roots. Our dual-capability facility in Linköping provides both advanced materials testing and precise calibration services, delivering specialized solutions backed by decades of experience.

Our specialized expertise:

- **Comprehensive Materials Testing**

We specialize in evaluating metals, composites, adhesives, sealants, elastomers, coatings, fuels, and lubricants through over 200 test methods compliant with ISO, ASTM, DIN standards, and MIL specifications.

- **Process & Materials Qualification**

We provide expert compatibility studies and process qualification, analyzing how materials perform during production and under operational stresses in their service environments.

- **Precision Calibration Services**

As part of Element Metech, we offer calibration for electrical instruments, dimensional measuring equipment, mechanical gauges, transducers, optics, and laboratory equipment with minimal operational disruption.

- **Fuels & Lubricants Analysis**

Our independent quality control and condition monitoring services evaluate in-service lubricants from turbines, hydraulic systems, transmissions, and engines with specialized precision.

Why choose Element Linköping?

We deliver the advantage of dual expertise in both materials testing and calibration from a single location. Our aerospace industry heritage ensures exceptional precision and reliability across all services. We combine extensive technical capabilities with specialized knowledge gained over decades, allowing us to provide insights that extend beyond basic testing to help solve complex materials challenges.

Success by the numbers

With more than 40 ISO 17025 accredited test methods and over 200 total test procedures, we provide comprehensive materials evaluation capabilities. Our continuous investment in both testing and calibration expertise reflects our commitment to serving diverse industrial needs with uncompromising accuracy.

Take the next step

Request a quote. We're here to support your materials and calibration requirements with our specialized expertise.

Accreditations and Approvals

We hold ISO 17025 accreditations for both materials testing and calibration services, along with Nadcap accreditation for metals and non-metals testing. Our operations also comply with ISO 9001, ISO 14001, and ISO 45001 standards.

Connect with our team

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