

UKAS Laboratory

INFORMATION SHEET

We are a division of the Smiths Metal Centres Limited Group

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Our Group's UKAS Accredited Testing Laboratory is a facility unique to the UK stockholding centre.

The laboratory, which forms part of **Smiths Technical Services**, gives us access to comprehensive metallurgical support.

The service is unique in the UK stockholding centre and provides our customers with unrivalled support in terms of material testing and metallurgical advice. Smiths Technical Services, based in Biggleswade, will be moving to a new, separate facility in 2023.

The move will allow the laboratory to expand the scope of testing in a modern, clean room environment, improving the overall services provided to our customers.

Customer Investigations:

- Testing routines on materials before despatch to provide customers with further quality assurance beyond that required by standard ISO 9001 quality systems
- Positive Material Identification (PMI) or a more complicated chemical analysis and mechanical testing programme to provide complete conformance to specification testing
- Material batch testing witnessed by an outside inspection agency such as Lloyds Register to ensure material traceability and integrity.
- Investigations into materials failing to perform as expected during machining, welding or anodising with solutions found quickly without reliance on the expertise of the material manufacturer
- Advice on material / alloy selection, obsolete and unusual specifications and support for customers when drafting their own material specs

Testing Methods:

Smiths Technical Services provides a broad range of testing methods which are of direct benefit to our customers.

These testing methods include:

- Tensile Testing
- Charpy Impact Testing
- Metallurgical Analysis
- Corrosion Testing
- Weldment Assessment Testing
- Physical Properties Testing
- Hardness Testing
- Chemical Analysis
- XRF Positive Material Identification

The laboratory also provides third-party inspection services.

