


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>2245</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Brunel University London - Experimental Techniques Centre</p> <p>Issue No: 017 Issue date: 16 July 2025</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ASBESTOS FIBRES:	<u>Health and Hygiene</u>	Documented In-House Methods using Scanning Electron Microscopy (SEM), Transmission Electron Microscopy (TEM), Energy Dispersive X-Ray Analysis (EDXA), X-Ray Diffraction (XRD) and Fourier Transform Infra-Red Spectroscopy (FTIR)
IN AIR (filters)	Fibre counting and classification of: Chrysotile Amphibole	SOP 1, SOP 12 based on ISO 14966 (2019) using SEM and EDXA
IN DUST AND WIPE SAMPLES	Identification of: Amosite Chrysotile Crocidolite Actinolite Anthophyllite Tremolite	SOP 3, SOP 12 using SEM and EDXA
ASBESTOS IN BULK MATERIALS, AIR, LIQUID AND POWDER SAMPLES including materials and products suspected of containing asbestos	Identification and quantification of: Amosite Chrysotile Crocidolite Actinolite Anthophyllite Tremolite	SOP 17 using SEM and TEM. Based on ISO 10312:2019 and ISO 22262-2:2014



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DUST and OTHER NON-BIOLOGICAL SOLID MATERIALS	Qualitative elemental analysis of elements between boron (Z=5) to uranium (Z=92) and quantitative for boron, nitrogen & between sodium (Z=11) to uranium (Z=92)	SOP 7 using SEM/Energy Dispersive X-Ray Microprobe Analysis (based on ISO 22309:2011)
SOLID MATERIALS AND POWDERS	Identification of Crystalline phases	SOP 16 by XRD (ISO BS EN 13925)
SOLIDS, LIQUIDS AND POWDERS	Qualitative analysis by functional group identification (4000 to 400 cm ⁻¹)	SOP 14 by FTIR
END		