

For the attention of: Matthew Gledhill



ISO/IEC 17025 Accredited Laboratory

STANDARD FIVE DAY TURNAROUND

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ELAB NEWS & SERVICES UPDATE – August 2020

- **ASBESTOS QUANTIFICATION SERVICE**
- **INCREASED ANIONS TESTING CAPABILITY**
- **QUALITY ANALYSIS CAN SAVE MONEY**
- **SILT TESTING FOR FLOOD DEFENCE PROJECTS**

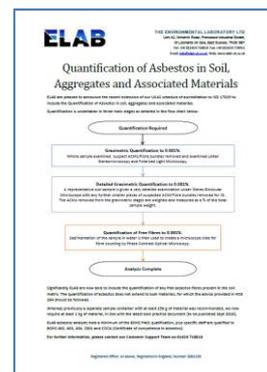
ASBESTOS QUANTIFICATION SERVICE

ELAB's UKAS schedule of accreditation includes the **Quantification of Asbestos in soil, aggregates, and associated materials.**

Quantification is undertaken in three main stages as detailed in the flow chart shown on the right ([click to open](#)). Most significantly ELAB are able to include the quantification of any free asbestos fibres present in the soil matrix.

To facilitate testing and in-line with best practice, ELAB now recommends a separate sample container containing at least 1 kg of material.

For further information on our Asbestos services please call our Customer Services Team on 01424 718618 or email cs@elab-uk.co.uk



*Asbestos
Quantification
Flow Chart*

INCREASED ANIONS TESTING CAPABILITY

ELAB's Dionex ICS-1100 with optional RFC-30, column heater, in-line degas and AS-AP auto sampler provides greatly improve productivity and reproducibility of soil, water and leachate samples requiring anions testing in the laboratory.

Key features:

- The RFC-30 (Reagent free controller)
- The built-in column heater
- In-line vacuum degas of eluent.

The high capacity AS-AP auto sampler has ample space for large overnight sequences of samples.

Call Mike Varley or Brian Perry now on 01424 718618 or email cs@elab-uk.co.uk, to discuss your Anion testing needs.



Anions Testing

QUALITY ANALYSIS CAN SAVE MONEY

ELAB were commissioned to carry out a study on imported soil laid for landscaping to a prestige housing development in London following Concerns raised that soil was contaminated with asbestos.

ELAB's brief was to review the historical records, carry out parallel sampling to that previously undertaken, and carry out testing for the presence of asbestos.

ELAB were able to demonstrate that all samples of the imported material were free of asbestos, both as discrete asbestos containing material and free fibres within the soil matrix. As a result, substantial cost and time savings were made by not having to remove and replace the previously imported topsoil.



SILT TESTING FOR FLOOD DEFENCE PROJECTS

All brown-field soil requires testing for contamination particularly if the topsoil must be disposed of in Landfill. With the remediation work taking place in many rivers to improve flood management removal and disposal of silt will be a continuous process, requiring many sample checks to monitor field run-off contamination. ELAB can provide a full range of soil and leachate testing to ensure compliance with the [Waste Acceptance Criteria](#).



Remember you can learn more about our range of services at any time by visiting our website at www.elab-uk.co.uk. If you need faster testing turnaround, we can offer 24hr, 48hr and 3-day testing to fast track your samples. Talk to our collection team about your testing needs.

Kind regards,



Mike Varley – Operations Manager

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