

Analytical Services for the Built Environment



Our comprehensive solutions ensure thorough analysis and precise results for every unique environmental testing need including:

- Asbestos by PLM
- Carbon Black & Soot
- Expert Witness Services
- Lead in Paint
- Legionella
- PCBs
- Transmission Electron Microscopy (TEM)

NEW ASBESTOS BY PLM SERVICES IN CANADA

Asbestos, a known carcinogen with serious health repercussions, has long been linked to major health hazards and frequently found in a variety of industrial uses. Early detection through reliable testing is critical for preventing exposure and safeguarding public health and ensuring safe environments.

ASBESTOS ANALYSIS BY PLM

The EPA Method 600/R-93/116 combines qualitative and quantitative assessments of fiber morphology and optical properties in bulk building materials using stereoscopic and microscopic techniques. Samples are observed and prepared on slides for examination under various lighting conditions, with quantification relying on consistent visual calibration by trained analysts. This method is widely used for asbestos estimation in bulk materials and is effective across various sample types.



UNDERSTANDING NEW RUSH TESTING METHODS

- Calibrated Visual Estimate (CVE)
 - Method based on the industry gold standard EPA/600/R/600/R-93. MDL of 0.5%
- Point counts
 - PC400 – Detection limit of 0.25%
 - PC1000 – Detection limit of 0.1%
 - Point counting may require sample prep in the form of gravimetric reduction
- Gravimetric Reduction
 - Sample prep step to eliminate organic material and to identify and isolate asbestos fibers offering a significant increase in precision

Standard Turnaround Times available for Asbestos by PLM is 3-5 business days. Rush services are also available with report delivery available in as fast as 6 hours.

* Rushes begin upon receipt at laboratory executing analysis

Results available in [SGS Engage!](#)

Learn more about our innovative client portal [here](#).

Submit an [eCOC!](#)

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REPRESENTATIVE FOR MORE
INFORMATION.**