

## **INSTRUCTIONS for ASBESTOS SAMPLING**

Thank you for your inquiry regarding our asbestos analysis. I have also attached some information about asbestos materials in the home, in case you have other samples you wish to collect.

Below are the guidelines for sample collection as per **WorkSafe BC** that should be performed by anyone sampling potential asbestos containing material. Please note if the samples are not taken by a specialized trained technician you are sampling at your own risk.

- Use appropriate WorkSafeBC moderate-risk activity precautions and work area preparations.
- Sample materials when the immediate area is not in use and all unprotected persons have been moved to a safe location.

Wear appropriate protective clothing. Clothing must be impervious to penetration by asbestos fibres and must cover the body and fit snugly at the neck, wrists and ankles.

Wear a respirator fitted with a “100” (HEPA) filter. You can purchase a NIOSH approved half-face P100 respirator from most hardware stores or safety supply stores. Follow the instructions with the respirator regarding fitting and maintenance. **IT IS VERY IMPORTANT TO ENSURE THE RESPIRATOR FITS CORRECTLY!**

- Spray the materials with a light mist of water to prevent the release of fibres during sampling.
- Avoid disturbing the materials more than necessary.
- Take a representative sample from within the materials suspected of containing asbestos by penetrating the entire depth of the materials (since the materials may have been applied in more than one layer or covered with paint or another protective coating).
- Take one sample for each floor or area of materials having the same colour or texture to ensure that materials of a different appearance are sampled separately. Some materials (e.g., drywall taping compound) may have to be sampled at multiple locations to assure that the original product has been collected (other than patches or repairs).

Seal exposed surfaces after the samples have been collected. Place samples in sealable, impervious containers – (or two zip-lock bags) and label them as follows:

- **Name,**
- **Location and address of collection site**
- **Date**
- **"Sample for analysis-may contain Asbestos"**

Please bring payment in with the sample (we accept cash, VISA or MC, and Debit)

For further inquiries go to the WorkSafe BC website: <https://www.worksafefbc.com/en>

## Bulk sample collection

In order to ensure adequate material is collected for the laboratory to perform bulk asbestos analysis, the amounts listed in the table below should be submitted:

<b>Material</b>	<b>Minimum amount</b>
Asphalt shingles	5 cm x 5 cm (2 in. x 2 in.)
Roofing felt	5 cm x 5 cm (2 in. x 2 in.) — All layers must be collected, down to the sheathing.
Asbestos cement board	5 cm x 5 cm (2 in. x 2 in.)
Floor tile, linoleum, asphalt flooring	5 cm x 5 cm (2 in. x 2 in.)
Ceiling tiles	5 cm x 5 cm (2 in. x 2 in.)
Mechanical insulation (piping)	50 cm <sup>3</sup> (3 cu. in.) — All layers must be collected, down to the pipe.
Asbestos ropes, gaskets, wires, etc.	5 linear cm (2 linear in.) or 5 cm x 5 cm (2 in. x 2 in.)
Levelling compounds and mortars	50 cm <sup>3</sup> (3 cu. in.)
Mastics and putties	15 cm <sup>3</sup> (1 cu. in.)
Texture coats and stuccoes	50 cm <sup>3</sup> (3 cu. in.)
Drywall mud	5 cm x 5 cm (2 in. x 2 in.) — Mud only, do not include gypsum board or drywall tape.
Vermiculite insulation	4 L (1 gal.) — Collect from the top to the bottom of the application to get a representative sample.
Sprayed insulation (for example, sprayed fireproofing)	50 cm <sup>3</sup> (3 cu. in.)
Other sprayed materials	1 full, small zip-lock bag
Other non-friable products	5 cm x 5 cm (2 in. x 2 in.)