



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

October 2, 2019

Village of Theodore  
PO Box 417  
Theodore, SK S0A 4C0

Attention: Lyndon Stachoski

Lab Reference No.: b218951  
 Client Project Name: PO Box 417  
 Client Project No.: N/A  
 Date Received: September 25, 2019  
 Date Analyzed: October 2, 2019  
 Analyst(s): R. Dacey  
 # Samples submitted: 1  
 # Phases analyzed: 2

**Methods of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared with representative portions of material and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. MA-244). Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	PEI, NWT, Yukon, Nunavut, Newfoundland and Labrador, and New Brunswick	1%
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta	Undefined	Manitoba	0.1% friable 1% non-friable

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested. If you have any questions, please feel free to contact me.

Yours truly,

**NOTE:** This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst and the laboratory manager. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty are available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



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Certificate of Analysis**

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 Prepared For: Lyndon Stachoski

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 Date Analyzed: October 2, 2019

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0001 Drywall with mud	a) Homogeneous, beige, drywall joint compound.	Chrysotile	1-5% Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Drywall is present on the surface of this sample.		

Reviewed by:

Digitally signed by  
 Karina Cockburn  
 Date: 2019.10.02  
 11:03:23 -04'00'

Reporting Analyst:

Digitally signed by  
 Karina Cockburn  
 Date: 2019.10.02  
 11:03:46 -04'00'

**theodore.village@sasktel.net**

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**From:** Kendra Bertuzzi <KBertuzzi@Pinchin.com>  
**Sent:** Thursday, October 3, 2019 6:26 AM  
**To:** theodore.village@sasktel.net  
**Cc:** Cheryl Hendsbee  
**Subject:** FW: Certificate of Analysis b218951

Hi Lyndon,

Based on the report there were two phases of drywall joint compound present and analyzed. The beige layer contains 1-5% chrysotile asbestos which is above the threshold for the province of Saskatchewan and therefore is considered an asbestos containing material. If this material is going to be disturbed the appropriate precautions need to be taken.

Regards,

**Kendra Bertuzzi, B.Sc. Hons.**  
*Laboratory Manager, Environmental Asbestos Services*  
Pinchin Ltd. | T: 905.363.1433 | C:905.805.1925

**From:** Cheryl Hendsbee  
**Sent:** Thursday, October 3, 2019 7:22 AM  
**To:** Kendra Bertuzzi <KBertuzzi@Pinchin.com>  
**Subject:** FW: Certificate of Analysis b218951

Good morning Kendra!

Can you assist Lyndon or should I refer this to someone in the Regina office?

Thanks!

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**Cheryl Hendsbee**  
*Administrative Assistant, Environmental Asbestos Services*  
Pinchin Ltd.  
[pinchin.com](http://pinchin.com) | T: 905.363.1321

**From:** [theodore.village@sasktel.net](mailto:theodore.village@sasktel.net) [<mailto:theodore.village@sasktel.net>]  
**Sent:** Wednesday, October 2, 2019 3:55 PM  
**To:** Cheryl Hendsbee <[chendsbee@Pinchin.com](mailto:chendsbee@Pinchin.com)>  
**Subject:** RE: Certificate of Analysis b218951

Hi Cheryl,

Thank you for the referred.

Given that I'm unfamiliar with much of the terminology and regulations, can you help me understand if this meets the province of Saskatchewan legislative requirements?

Best Regards,