



FINAL **Asbestos Reassessment**

Ernestown Secondary School
50 Main Street, Odessa, Ontario

Prepared for:

Limestone District School Board
220 Portsmouth Avenue
Kingston, ON K7M 0G2

December 16, 2025

Pinchin File: 201262.363

This report supersedes all previous reports for this Site including the 2024 Reassessment Report dated November 2024. Previous reports should be sent back to the LDSB Education Centre for archiving and/or disposal.



Asbestos Reassessment

Ernestown Secondary School, 50 Main Street, Odessa, Ontario
Limestone District School Board

December 16, 2025
Pinchin File: 201262.363
FINAL

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EXECUTIVE SUMMARY

Limestone District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment at Ernestown Secondary School located at 50 Main Street, Odessa, Ontario. The reassessment was performed on July 10, 2025.

The objective of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM), and develop corrective action plans as required for the purposes of long-term management. The results of this assessment are not intended for construction, renovation, demolition or project tendering purposes.

This report supersedes all previous reports prepared for this Site.

SUMMARY OF FINDINGS

Asbestos-containing materials (ACM) are present as follows:

- Parging cement present on pipes, ducts and mechanical equipment.
- Aircell present on pipes.
- Duct mastic.
- Acoustic ceiling tiles.
- Textured plaster.
- Drywall joint compound.
- Transite products.
- Various types of vinyl floor tiles and mastic.
- Various types of sealants, caulking, and putty.

Damaged asbestos-containing materials are present in the building, refer to Section 5.2 for a summary of damaged materials and their locations.



SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations:

1. The following items require remedial action:

Material, Quantity & Condition	Location Name	Recommended Procedure
Parging cement insulation, 1 pipe fitting damaged	COR102	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures
Aircell insulation, 3 linear feet damaged	COR109	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures
Parging cement insulation, 1 unjacketed pipe fitting		
Parging cement insulation on air handling unit, 6 square feet damaged and 1 square foot of debris	MECH201	Remove or repair in accordance with O.Reg. 278/05 Type 2 and Type 2 Clean Up asbestos abatement procedures
Parging cement insulation, 15 pipe fittings damaged (reported by CM3 in 2023)	COR203	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures

2. Perform a re-assessment of asbestos materials on an annual basis.
3. Prior to renovations or demolition, perform a pre-construction assessment to identify any hazardous materials that may be disturbed by the work.
4. Follow appropriate safe work procedures when handling or disturbing asbestos.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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1.0 INTRODUCTION AND SCOPE

Limestone District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment of Ernestown Secondary School located at 50 Main Street, Odessa, Ontario.

Pinchin performed the reassessment on July 10, 2025. The surveyor met with custodial staff upon arrival on site. The building was occupied by custodial staff at the time of the reassessment.

The objectives of the reassessment were to document the locations, quantities and conditions of previously identified asbestos containing building materials and develop corrective action plans as required. This reassessment is only to be used for the purposes of long-term management and routine maintenance. The results of this reassessment are not to be used for construction, renovation, demolition or project tendering purposes.

This report supersedes all previous reports prepared for this Site.

1.1 Scope of Assessment

The objective of the reassessment was to evaluate the condition and quantity of previously reported ACM, and develop corrective action plans as required.

Additional objectives included the following:

- Documentation of any asbestos abatement that was performed since the last reassessment.

2.0 METHODOLOGY

Pinchin conducted an inspection of previously identified asbestos-containing materials (ACM) to evaluate the current condition of all accessible identified materials in the most recent assessment. The surveyor made reference to any existing assessment or abatement reports (as provided by the Client).

As per the original scope of work, concealed locations such as ceiling spaces above solid ceilings, shafts and chases were accessed via existing access panels. Our investigation did not include demolition of drywall or plaster walls to view concealed conditions. Structural items or exterior building finishes were not removed to determine the presence of concealed materials.

For further details on the methodology including test methods, refer to Appendix III.



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3.0 BACKGROUND INFORMATION

3.1 Building Description

Description Item	Details
Use	Secondary School
Number of Floors	Two stories
Total Area	The total area of the building is 113,000 square feet
Year of Construction	The building was constructed in 1959 with additions completed in 1964, 1968 and 1981
Structure	Structural steel and concrete
Exterior Cladding	Pre-cast concrete and brick
HVAC	Rooftop HVAC and boiler with hot water heating to radiators
Roof	Built-up roofing
Flooring	Vinyl floor tiles, wood, terrazzo, linoleum sheet flooring and carpet
Interior Walls	Drywall, concrete block, brick masonry, Transite panels, ceramic tiles, wood, vinyl partitions and plaster
Ceilings	Plaster, acoustic ceiling tiles, Transite panels, drywall and exposed steel structure

3.2 Existing Reports and Summary of Asbestos Abatement

3.2.1 Review of Previous Reports

Pinchin was provided with the following reports, which have been reviewed as part of this reassessment:

- “Site Review Report, Ernestown Secondary School, 50 Main Street, Odessa, Ontario”, dated August 4, 2023, prepared by Pinchin Ltd., Pinchin File: 201262.291.
- “Asbestos-Containing Materials Reassessment 2023, Ernestown Secondary School – 50 Main Street, Odessa, ON”, dated October 2023, prepared by CM3 Environmental, CM3 File: RCP-3194.
- “Asbestos Reassessment, Ernestown Secondary School, 50 Main Street, Odessa, Ontario”, dated November 11, 2025, prepared by Pinchin Ltd., Pinchin File: 201262.316.
- “PCB and Asbestos Bulk Sampling, 50 Main Street, Odessa, Ontario”, dated December 2024, prepared by Pinchin Ltd., Pinchin File: 201262.339.

This report supersedes all previous reports prepared for this Site.



3.2.2 Summary of Asbestos Abatement since the Previous Assessment

Based on a review of the above noted reports, and observations made during the reassessment, no asbestos abatement has occurred since the last reassessment.

4.0 FINDINGS

The following section summarizes the findings of the reassessment and provides a general description of the asbestos-containing materials (ACM) identified and their locations.

Refer to the drawing in Appendix I for the locations of all known ACMs indicated via hatching or symbols.

Appendix II presents the asbestos bulk sample analytical results.

Appendix IV provides a detailed summary of the location, condition and quantity of asbestos building materials.

4.1 Pipe Insulation

Parging cement, containing chrysotile asbestos, is present on pipe fittings of heating systems throughout the building (previously sampled by Pinchin in 1990).

A white corrugated paper insulation (trade name Aircell), containing chrysotile asbestos, is present on straight sections of pipes in isolated locations throughout the building (previously sampled by Pinchin in 1990).

Sweatwrap insulation (brown layered paper), present in MECH106 does not contain asbestos (Pinchin samples A0007A-C; Lab Report R5814277).

Sweatwrap insulation (brown layered paper), containing <0.5% chrysotile asbestos, is present on straight sections of pipes in COR108 (Pinchin samples S0023A-C). In accordance with O.Reg. 278/05, materials containing <0.5% asbestos content are not defined as asbestos-containing.

Remaining pipes are either uninsulated or insulated with non-asbestos fibreglass.

Pipes insulated with asbestos-containing insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Asbestos-containing parging cement insulation on pipe elbows.



Damaged asbestos-containing parging cement insulation on pipe fitting and damaged Aircell pipe insulation in COR109.



Damaged asbestos-containing parging cement insulation on pipe fitting that is unjacketed in COR102.

4.2 Duct Insulation and Mastic

Parging cement, containing chrysotile asbestos is present over the fibreglass at edges, seams and pins of fibreglass insulation on ducts in isolated locations (previously sampled by Pinchin in 1990). Parging cement is jacketed with canvas.

Remaining ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).

Brown mastic, containing chrysotile asbestos, is present on seams / joints on ducts and lead sheeting in isolated locations (Pinchin samples S0008A-C; Lab Report R6391727).

Grey mastic present on seams / joints on ducts throughout the assessed area does not contain asbestos (samples S0009A-C; Lab Report R6391727).



Asbestos-containing parging cement present on ducts.



Asbestos-containing brown duct mastic on lead sheeting.

4.3 Mechanical Equipment Insulation

Parging cement, containing chrysotile asbestos, is present on an air handling units in isolated locations (previously sampled by Pinchin in 1990).

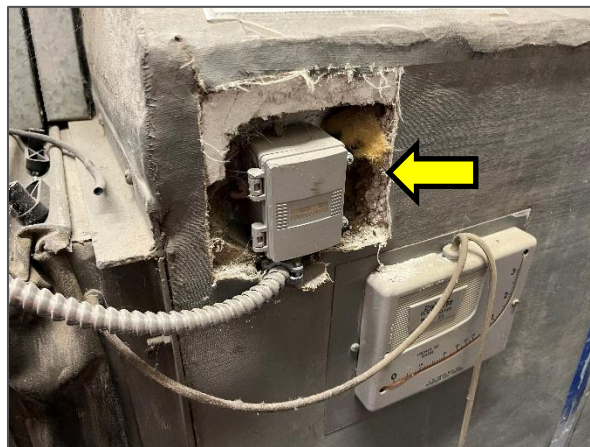
Parging cement, containing chrysotile asbestos, previously reported as being concealed inside the boilers in MECH106 has been abated and is no longer present (samples S0024A-C).



Asbestos-containing parging cement present on air handling unit.



Damaged asbestos-containing parging cement insulation on air handling unit in MECH201.



Damaged asbestos-containing parging cement insulation and debris in MECH201.

4.4 Vermiculite

Destructive testing was conducted of masonry block walls during previous assessments. The masonry block walls were penetrated in various locations. The locations of destructive testing have been indicated on the drawings in Appendix I.

Loose fill vermiculite was not observed within the cavities.

Walls behind radiators in various locations throughout the building are lined with non-asbestos Styrofoam insulation or particle board.

4.5 Acoustic Ceiling Tiles

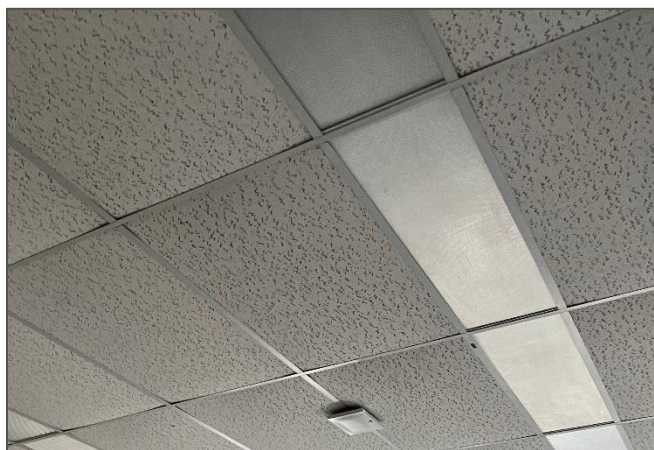
Acoustic ceiling tiles are present in the building, as follows:

Size, Type, Pattern	Sample Number or Date Code	Asbestos Type
2'x4' lay-in, waves and pinholes	S0022A-C	Chrysotile Amosite
1'x1' glued-on, lines of different sized holes	(Stantec-2008) 0004A-C; Lab Report 1618427_PLM (tile and mastic)	None detected
2'x4' lay-in, small fissures and pinholes	ERN-BS-308A-C	None detected
2'x4' lay-in, deep short fissures and pinholes	ERN-BS-312A-C	None detected
2'x4' lay-in, 2-sized pinholes	CT-03A-C	None detected
2'x4' lay-in, lengthwise fissure and pinhole	S0003A-C; Lab Report R6391727	None*

Size, Type, Pattern	Sample Number or Date Code	Asbestos Type
2'x4' lay-in, large fissures and pinholes	02/11/15	None
2'x4' lay-in, small pinholes and fissures	11/16/17	None
2'x4' lay-in, deep pinholes and fissures	09/01/16	None
2'x2' lay-in, random pinholes and fissures	10/19/04	None
3'x6' wicker	Not sampled (wicker composition)	None

*Samples S0003A and B reported <0.5% asbestos. In accordance with O.Reg. 278/05, materials containing <0.5% asbestos content are not defined as asbestos-containing.

Ceiling tiles presumed to be non-asbestos are based on the date of manufacture determined from the date stamp applied to the top of the tiles or the non-asbestos composition of the tiles (i.e. wicker). The tiles were manufactured after asbestos stopped being used in acoustic ceiling tiles.



Asbestos-containing 2'x4' acoustic ceiling tiles with waves and pinholes.

4.6 Plaster and Stucco

Textured plaster, containing chrysotile asbestos in the base layer, is present on the ceiling in OFF106 (samples 0003A-E; Lab Report 1618427_PLM).

Textured plaster present on walls and ceilings throughout the building, excluding OFF106, does not contain asbestos (Pinchin samples A0009A-C and A0010A-C; Lab Report R5814277 and previous samples PL-01A-C and PL-02A-G). Samples A0009A-C reported <0.5% Libby Amphibole asbestos. In accordance with O.Reg. 278/05, materials containing <0.5% asbestos content are not defined as asbestos-containing.

Smooth plaster present on walls and ceilings throughout the building does not contain asbestos (samples A0008A-C; Lab Report R5814277, S0006A-G; Lab Report R6391727 and S0021A-E). Sample A0021B; phase a reported <0.5% asbestos. In accordance with O.Reg. 278/05, materials containing <0.5% asbestos content are not defined as asbestos-containing.



Asbestos-containing textured plaster in OFF106.

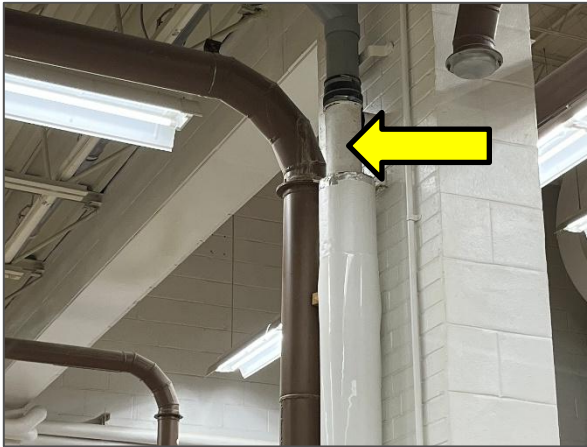
4.7 Drywall Joint Compound

Drywall joint compound, containing chrysotile asbestos, is present on wall finishes throughout the building (previous samples DJC-01A-G).

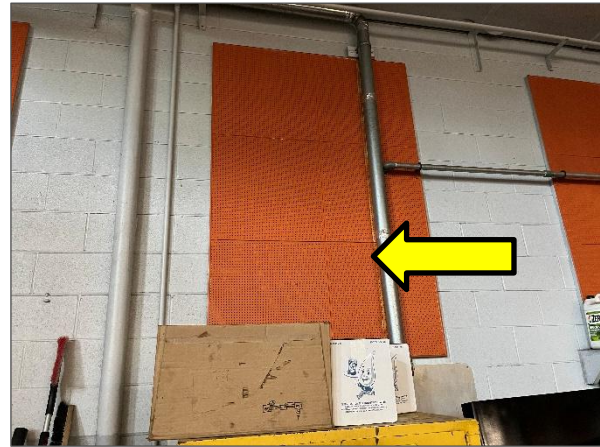
4.8 Asbestos Cement Products (Transite)

Transite products are present as follows:

- Wall and ceiling finishes in isolated locations (containing chrysotile asbestos, samples 0006A-C; Lab Report 1618427_PLM).
- Soffits above various exterior entrance doors (presumed).
- Wall above west entrance doors (presumed).
- Transite blocks (insulators) present within elevator equipment (presumed).
- Transite boards in fume hoods (presumed).
- Transite pipe as rainwater leaders (presumed).



Presumed asbestos-containing Transite pipe.



Asbestos-containing Transite boards as a wall finish.



Presumed asbestos-containing transite board as soffit above the main entrance doors.

4.9 Vinyl Sheet Flooring

Grey linoleum sheet flooring present in isolated locations throughout the building is presumed to be non-asbestos based on historical knowledge of the type of flooring (foam backing) and the lack of paper backing layer (underpad).



4.10 Vinyl Floor Tiles

Vinyl floor products are present as follows:

Size, Pattern, Colour	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12"x12" tan with white streaks	ERN-BS-303A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" beige with maroon and white streaks	ERN-BS-301A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" blue with white streaks	ERN-BS-314A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" light grey with white and dark grey streaks	ERN-BS-319A-C 0002A-C; Lab Report 1618427_PM (mastic)	None detected	None detected
12"x12" olive green with beige streaks	ERN-BS-318A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
9"x9" beige with brown streaks	ERN-BS-315A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" off-white with yellow and brown streaks	ERN-BS-304A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" off-white with yellow and green streaks	ERN-BS-316A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile

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Size, Pattern, Colour	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12"x12" white with brown smears	ERN-BS-309A-C 0001A-C	None detected	None detected
12"x12" beige with brown streaks	VFT-03A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" beige with brown streaks	ERN-BS-320A-C 0002A-C; Lab Report 1618427_PM (mastic)	None detected	None detected
9"x9" grey with white and black streaks	VFT-11A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
9"x9" beige with grey streaks	ERN-BS-322A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" brown with white streaks	ERN-BS-313A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile
12"x12" white with grey fleck	ERN-BS-302A-C 0002A-C; Lab Report 1618427_PM (mastic)	None detected	None detected
12"x12" white with black streaks	ERN-BS-305A-C 0002A-C; Lab Report 1618427_PM (mastic)	None detected	None detected
12"x12" light blue with white streaks	ERN-BS-317A-C 0001A-H; Lab Report 1618427_PLM (mastic)	Chrysotile	Chrysotile

Size, Pattern, Colour	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12"x12" red with white and brown flecks	0005A-C; Lab Report 1618427_PLM	None detected	None detected
12"x24" light brown, rubber	Post-2019 installation	None	None*

*Asbestos-containing mastic is presumed to remain present where floor tiles have been replaced in areas with asbestos-containing mastic. The replacement tiles must be treated as asbestos-containing for removal/disposal purposes due to contamination from asbestos-containing mastic.



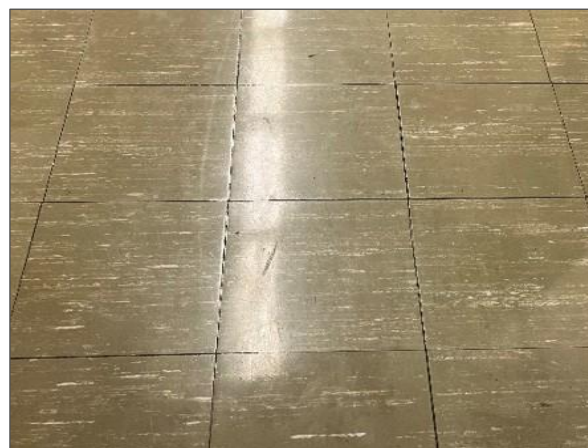
Asbestos-containing 12"x12" tan vinyl floor tiles with white streaks.



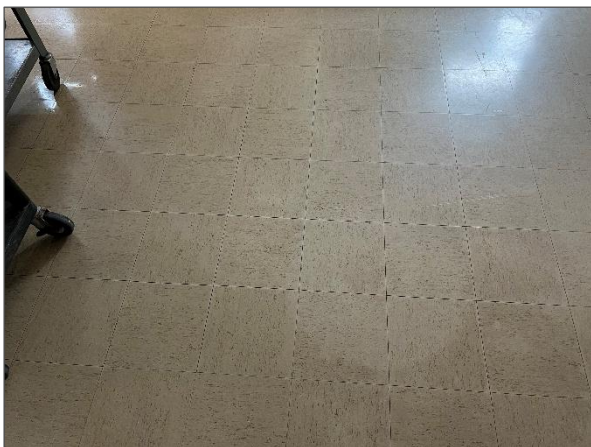
Asbestos-containing 12"x12" beige vinyl floor tiles with maroon and white streaks.



Asbestos-containing 12"x12" blue vinyl floor tiles with white streaks.



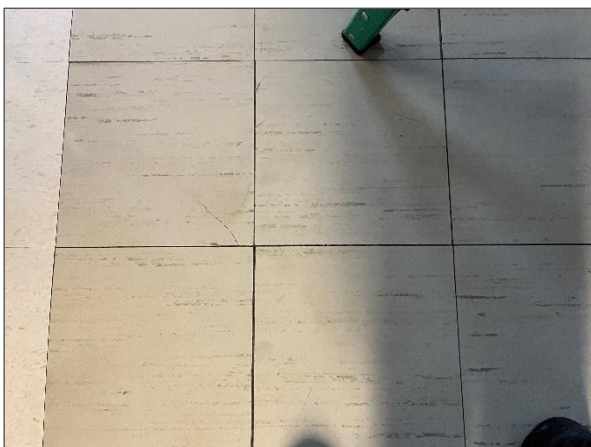
Asbestos-containing 12"x12" olive green vinyl floor tiles with beige streaks.



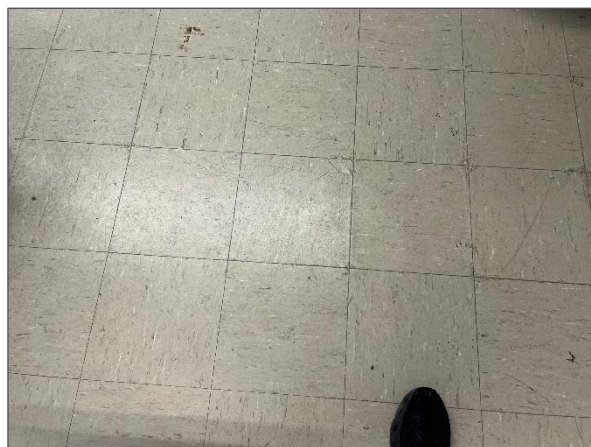
Asbestos-containing 9"x9" beige vinyl floor tiles with brown streaks.



Asbestos-containing 12"x12" off-white vinyl floor tiles with yellow and brown streaks.



Asbestos-containing 12"x12" off-white vinyl floor tiles with yellow and green streaks.



Asbestos-containing 12"x12" beige vinyl floor tiles with brown streaks.



Asbestos-containing 9"x9" grey vinyl floor tiles with white and black streaks.



Asbestos-containing 9"x9" beige vinyl floor tiles with grey streaks.



Asbestos-containing brown vinyl floor tiles with white streaks.



Asbestos-containing 12"x12" light blue vinyl floor tiles with white streaks.

4.11 Sealants, Caulking, and Putty

The following table presents a summary of caulking, sealants and putties present:

Material and Colour	Application	Sample Number	Asbestos Type
Caulking, brown Tar, black	Roof flashing, intermittent locations on Roof B and C2	samples 0002A-C; Lab report b188439	Chrysotile
Tar, black	Air handling unit, washroom stacks on Roof B and C2	samples 0003A-C; Lab report b188439	Chrysotile
Caulking, green	Interior windows frames throughout the assessed area of the 2019 hazardous building materials assessment	A1001A-C	None detected
Caulking, green	Exterior windows frames throughout the assessed area of the 2019 hazardous building materials assessment	A1002A-C	None detected
Butyl strip, grey	Between glass pane and door frames, main entrance	A1003A-C (Abated prior to 2023 reassessment)	Chrysotile
Caulking, brown	Brick wall and metal roof flashings; roof sections RF K1, RF K2 and RF L	A0013A-C	None detected

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Material and Colour	Application	Sample Number	Asbestos Type
Caulking, light grey	Brick wall; roof sections RF K1 and RF L	A0014A-C	None detected
Caulking, black	Frame and fasteners of skylight; roof section RF K2	A0015A-C	None detected
Mastic, black	Under/on metal roof flashings, on brick wall and on base of skylight; roof sections RF K1, RF K2 and RF L	A0016A-C	Chrysotile
Caulking, white	Frame of skylight; roof section RF K2 and brick wall; roof sections RF K1, RF K2 and RF L	A0017A-C	None detected
Caulking, light brown	Around metal vents on brick wall; roof sections RF K1 and RF K2	A0018A-C	None detected
Caulking, soft light grey	Interior and exterior of door and window frames of east entrance	A0019A-C	None detected
<i>Butyl strip, black</i>	<i>Between glass pane and door frames, West entrance corridor</i>	<i>Samples S0001A-C; Lab Report R6391727 (Abated prior to 2023 reassessment)</i>	<i>Chrysotile</i>
<i>Caulking, off-white</i>	<i>Joint of brick wall and exterior metal door frame, West entrance</i>	<i>Samples S0002A-C; Lab Report R6391727 (Abated prior to 2023 reassessment)</i>	<i>Chrysotile</i>



Asbestos-containing black mastic formerly concealed by metal roof flashing on brick wall.

4.12 Roofing Products

The built-up roofing materials on roof sections RF B and RF C2 do not contain asbestos (samples 0001A-C; Lab report b188439).

The built-up roofing materials on the steel deck on roof sections RF K2 and RF L do not contain asbestos (samples A0011A-C).

The built-up roofing materials on the wood deck on roof section RF K1 do not contain asbestos (samples A0012A-C).

All other roofing material that was not previously sampled is presumed to contain asbestos.

4.13 Other Building Materials

Various colours of paint present on concrete block walls throughout the building does not contain asbestos (Pinchin samples S0004A-H and S0005A-G; Lab Report R6391727, samples A0020A-C and samples S0025A-E, S0026A-E, S0027A-D and S0028A; Lab Report b320009).

Beige paint present on the concrete deck in mechanical room MECH101 does not contain asbestos (samples S0007A-C; Lab Report R6391727).

Oil soaked paper cable wrap present in MECH106 does not contain asbestos (samples S0029A-C; Lab Report b327025).



4.14 Excluded Asbestos Materials

The following is a list of materials which may contain asbestos and was excluded from the assessment. These materials are presumed to contain asbestos until otherwise proven by sampling and analysis:

- Roofing felts, tar and mastics excluding roof sections RF B, RF C2, Roof K1, RF K2 and RF L.
- Concrete floor levelling compound.
- Ceramic tile setting compound.
- Elevator and lift brakes.
- Electrical components.
- Mechanical packing, ropes and gaskets.
- Vermiculite.
- Acoustic panels in classroom (including display areas).
- Chalkboards and associated adhesives.
- Adhesives and duct mastics not previously sampled.
- Caulking, sealants and putties excluding the south entrance doors, windows and doors present in the east wing, and the west entrance doors; and excluding roof sections RF B, RF C2, Roof K1, RF K2 and RF KL.
- Paper products.
- Soffit and fascia boards.
- Vibration dampers on HVAC equipment.
- Terrazzo.
- Firestopping.
- Ropes and gaskets in cast-iron bell and spigot joints.
- Sealants on pipe threads.
- Inaccessible/concealed materials.

5.0 RECOMMENDATIONS

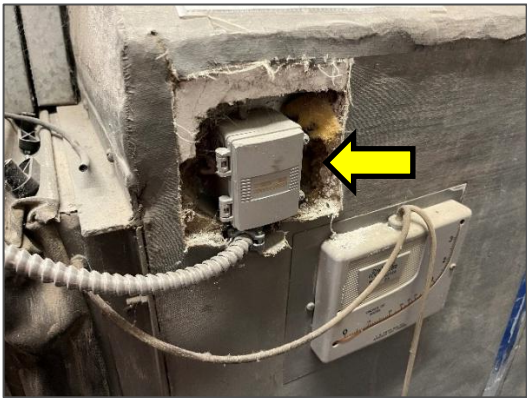
5.1 General

Perform a detailed intrusive assessment prior to building renovation or demolition operations. The assessment should include; destructive testing (e.g., coring and/or removal of building finishes and

components), sampling of other hazardous materials (lead, mercury, PCBs, mould, etc.), and materials not tested in this study (e.g., roofing materials, caulking, mastics).

5.2 Remedial Work

The following remedial work is recommended:

Material, Quantity & Condition	Location Name	Recommended Procedure	Photo
Parging cement insulation, 1 pipe fitting damaged	COR102	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures	
Aircell insulation, 3 linear feet damaged	COR109	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures	
Parging cement insulation, 1 unjacketed pipe fitting			
Parging cement insulation on air handling unit, 6 square feet damage and 1 square foot of debris	MECH201	Remove or repair in accordance with O.Reg. 278/05 Type 2 asbestos abatement procedures	



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Material, Quantity & Condition	Location Name	Recommended Procedure	Photo
Parging cement insulation, 15 pipe fittings damaged (reported by CM3 in 2023)	COR203	Remove or repair in accordance with O.Reg. 278/05 Type 2 or Glove-bag asbestos abatement procedures	

5.3 On-going Management and Maintenance

The following recommendations are made regarding on-going management and maintenance work involving the asbestos materials identified.

Perform a re-assessment of asbestos materials on an annual basis.

Remove asbestos-containing materials (ACM) prior to alteration or maintenance work if ACM may be disturbed by the work. Follow appropriate asbestos precautions for the classification of work being performed.

Update the asbestos inventory report for the building upon completion of any abatement of ACM.

6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.



7.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.

\\PIN-KGN-FS01\Job\201000s\0201262.000 LIMESTONE,53VanOrderDr,KGN,DSR\0201262.363 LDSB,Allschools,KGN,HAZ,ReAsmt\Deliverables\Ernesttown Secondary School\201262.363 AsbestosReassessment ErnestownSS LDSB.docx

Template: Master Report for Asbestos Reassessment, HAZ, July 29, 2021

APPENDIX I
Drawings



LEGEND

☒ INTRUSIVE INSPECTION

▬ ASSESSED ROOF AREA

ASBESTOS-CONTAINING MATERIALS:

▨ THERMAL PIPE INSULATION

QUANTITY OF FITTINGS WITH ASBESTOS-CONTAINING INSULATION

▨ MECHANICAL & DUCT INSULATION

▨ ACOUSTIC CEILING TILES

▨ TRANSITE PANELS

▨ TEXTURED CEILING PLASTER

▨ ROOFING TAR

▨ BROWN DUCT MASTIC

▨ TRANSITE PIPE

▨ CAULKING

▨ VINYL FLOOR TILES AND MASTIC

▨ MASTIC UNDER VINYL FLOOR TILE

NOT ALL KNOWN OR SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:

ASBESTOS REASSESSMENT

CLIENT NAME:

LIMESTONE
DISTRICT SCHOOL
BOARD

PROJECT LOCATION:

ERNESTOWN SS
50 MAIN STREET
ODESSA, ONTARIO

FIGURE NAME:

GROUND
FLOOR
PLAN

PROJECT NUMBER:

201262.363

SCALE:

NOT TO SCALE

DRAWN BY:

JW

REVIEWED BY:

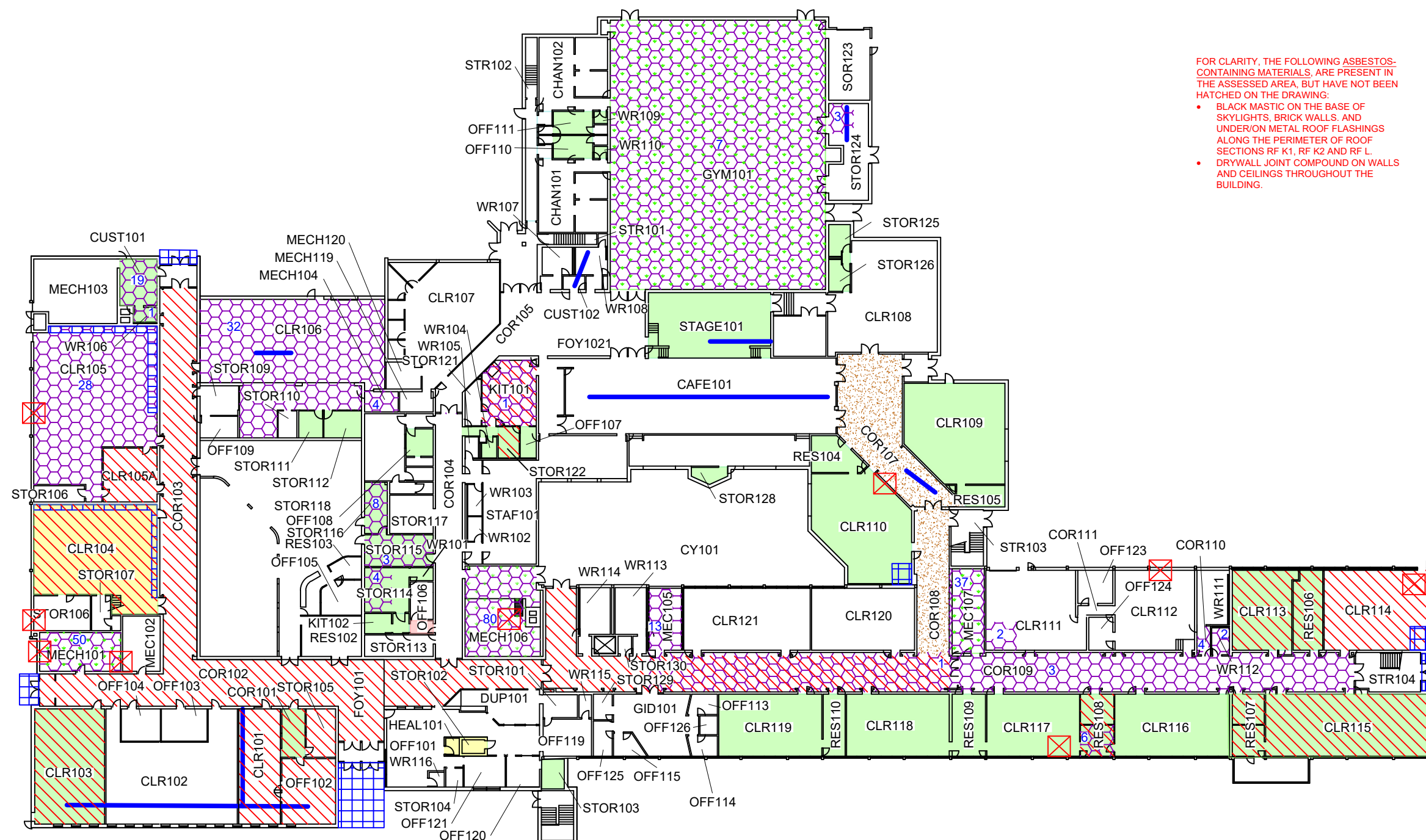
HM

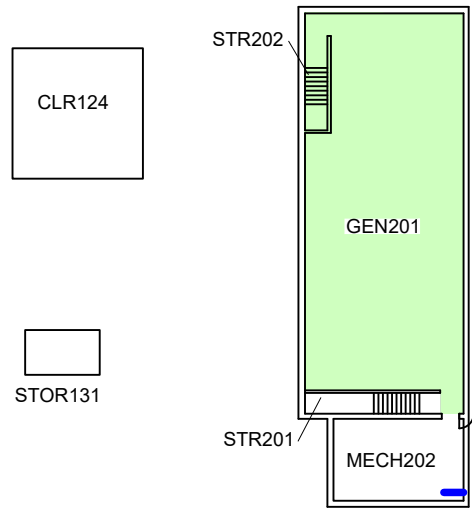
DATE:

DEC 2025

FIGURE NUMBER:

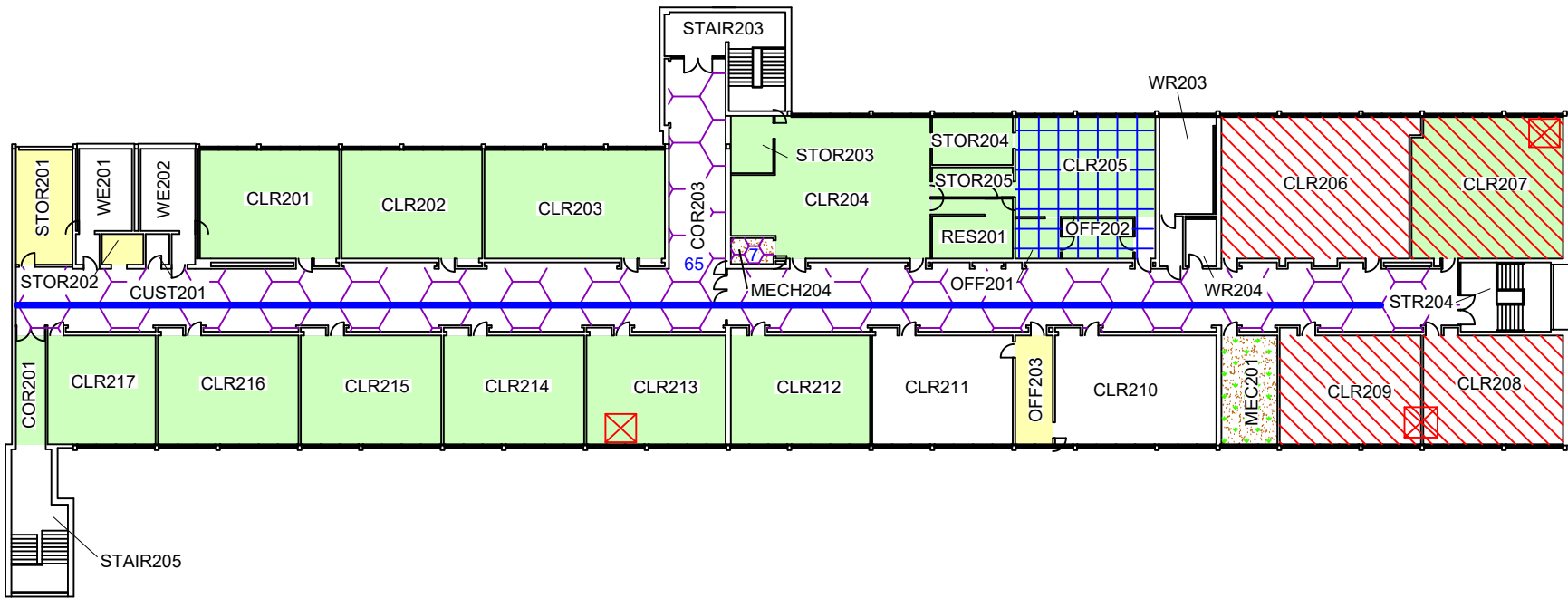
1 OF 3





FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING:

- BLACK MASTIC ON THE BASE OF SKYLIGHTS, BRICK WALLS, AND UNDER/ON METAL ROOF FLASHINGS ALONG THE PERIMETER OF ROOF SECTIONS RF K1, RF K2 AND RF L.
- DRYWALL JOINT COMPOUND ON WALLS AND CEILINGS THROUGHOUT THE BUILDING.



LEGEND

- ☒ INTRUSIVE INSPECTION
- ASSESSED ROOF AREA

ASBESTOS-CONTAINING MATERIALS:

- Thermal Pipe Insulation
- # QUANTITY OF FITTINGS WITH ASBESTOS-CONTAINING INSULATION
- Mechanical & Duct Insulation
- Acoustic Ceiling Tiles
- Transite Panels
- Textured Ceiling Plaster
- Roofing Tar
- Brown Duct Mastic
- Transite Pipe
- Caulking
- Vinyl Floor Tiles and Mastic
- Mastic Under Vinyl Floor Tile

NOT ALL KNOWN OR SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS.

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BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
ASBESTOS REASSESSMENT

CLIENT NAME:
LIMESTONE DISTRICT SCHOOL BOARD

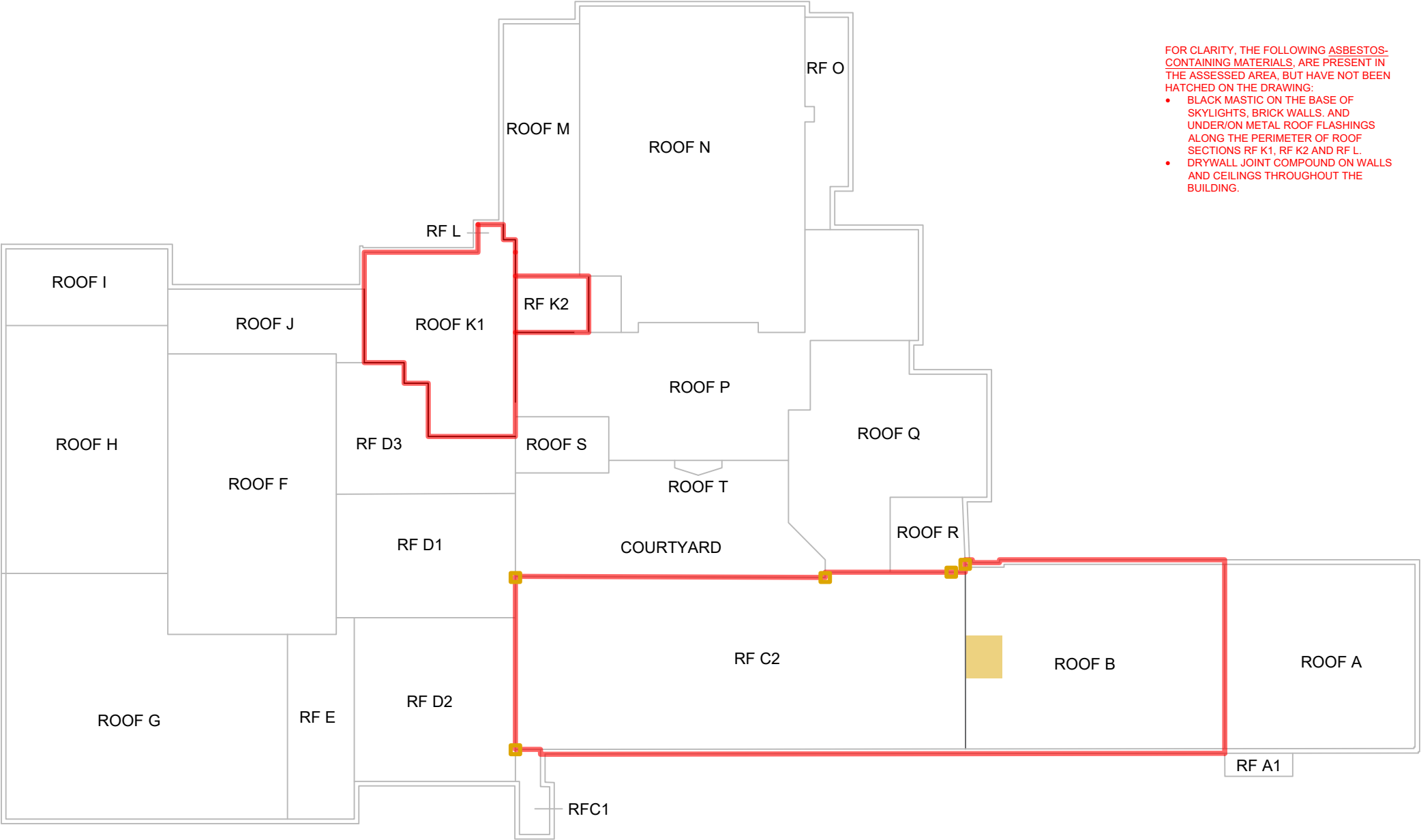
PROJECT LOCATION:
ERNESTOWN SS
50 MAIN STREET
ODESSA, ONTARIO

FIGURE NAME:
SECOND FLOOR PLAN

PROJECT NUMBER: 201262.363
SCALE: NOT TO SCALE

DRAWN BY: JW
REVIEWED BY: HM

DATE: DEC 2025
FIGURE NUMBER: 2 OF 3



FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING.

- BLACK MASTIC ON THE BASE OF SKYLIGHTS, BRICK WALLS, AND UNDER/ON METAL ROOF FLASHINGS ALONG THE PERIMETER OF ROOF SECTIONS RF K1, RF K2 AND RF L.
- DRYWALL JOINT COMPOUND ON WALLS AND CEILINGS THROUGHOUT THE BUILDING.



LEGEND

-  INTRUSIVE INSPECTION
-  ASSESSED ROOF AREA

ASBESTOS-CONTAINING MATERIALS:

-  THERMAL PIPE INSULATION
-  QUANTITY OF FITTINGS WITH ASBESTOS-CONTAINING INSULATION
-  MECHANICAL & DUCT INSULATION
-  ACOUSTIC CEILING TILES
-  TRANSITE PANELS
-  TEXTURED CEILING PLASTER
-  ROOFING TAR
-  BROWN DUCT MASTIC
-  TRANSITE PIPE
-  CAULKING
-  VINYL FLOOR TILES AND MASTIC
-  MASTIC UNDER VINYL FLOOR TILE

NOT ALL KNOWN OR SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS.

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BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
ASBESTOS REASSESSMENT

CLIENT NAME:
LIMESTONE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
ERNESTOWN SS
50 MAIN STREET
ODESSA, ONTARIO

FIGURE NAME:
ROOF PLAN

PROJECT NUMBER:
201262.363

SCALE:
NOT TO SCALE

DRAWN BY:
JW

REVIEWED BY:
HM

DATE:
DEC 2025

FIGURE NUMBER:
3 OF 3

APPENDIX II
Asbestos Analytical Certificates



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone School Board, Ernestown Secondary School
50 Main Street, Odessa, ON
Project No.: 0201262.048
Prepared For: T. Larose / G. Hendry Date Received: April 27, 2018
Lab Reference No.: b188439 Date Analyzed: May 7, 2018
Analyst(s): M. Tipgos # Samples submitted: 9
Phases analyzed: 20

Method 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 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 provincial regulatory requirements where applicable. 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%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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.

Pinchin Ltd. 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.

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. 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 is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone School Board, Ernestown Secondary School
50 Main Street, Odessa, ON
Project No.: 0201262.048
Prepared For: T. Larose / G. Hendry

Lab Reference No.: b188439
Date Analyzed: May 7, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0001A Sample Hole - Roof A	6 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, tar impregnated, compressed fibrous material.	None Detected	Cellulose 25-50% Tar and other non-fibrous 50-75%
	c) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	d) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	e) Non-homogeneous, brown and black paper with tar material.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	f) Homogeneous, black, roofing material.	None Detected	Tar and other non-fibrous > 75%
Comments:		Cellulose and man-made vitreous fibres are present on the surface of this sample.	



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone School Board, Ernestown Secondary School
50 Main Street, Odessa, ON
Project No.: 0201262.048
Prepared For: T. Larose / G. Hendry
Lab Reference No.: b188439
Date Analyzed: May 7, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0001B Sample Hole - Roof B	4 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	d) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 5-10% Tar and other non-fibrous > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone School Board, Ernestown Secondary School
50 Main Street, Odessa, ON
Project No.: 0201262.048
Prepared For: T. Larose / G. Hendry
Lab Reference No.: b188439
Date Analyzed: May 7, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0001C Sample Hole - Roof B	4 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	d) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 5-10% Tar and other non-fibrous > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
0002A Caulking; Brown - Flashing, Roof A	3 Phases:		
	a) Homogeneous, black, tar material.	Chrysotile 10-25%	Tar and other non-fibrous > 75%
	b) Homogeneous, sticky brown, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	c) Homogeneous, dark grey, caulking material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone School Board, Ernestown Secondary School
50 Main Street, Odessa, ON
Project No.: 0201262.048
Prepared For: T. Larose / G. Hendry
Lab Reference No.: b188439
Date Analyzed: May 7, 2018

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0002B Caulking; Brown - Flashing, Roof A	2 Phases: a) Homogeneous, black, tar material. b) Homogeneous, brown, rubbery, caulking material.	None Detected	Not Analyzed Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result.		
0002C Caulking; Brown - Flashing, Roof B	Homogeneous, dark grey, caulking material.	None Detected	Non-Fibrous Material > 75%
0003A Tar - Roof Repair beside AHU, Roof B	Homogeneous, black, tar material.	Chrysotile 5-10%	Tar and other non- fibrous > 75%
0003B Tar - Washroom Stack, Roof B			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0003C Tar - on AHU, Roof B			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed
by Julieth Oran
Date:
2018.05.07
15:51:35 -04'00'

Reporting Analyst:

Digitally signed
by Julieth Oran
Date:
2018.05.07
15:51:22 -04'00'



Analyzed by: *MT 2018/5/7*
Reviewed by: *[Signature]*
Report Sent by: *[Signature]*

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Limestone School Board	Project Address:	50 Main Street, Odessa, ON
Portfolio/Building No:	Ernestown Secondary School	Pinchin File:	201262.048
Submitted by:	Tanner Larose	Email:	tlarose@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
Invoice to:	Jeanette McCann	Invoice Email:	jmcann@pinchin.com
Date Submitted:	April 26 2018	Required by:	May 3 2018
# of Samples:	9	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	

To be Completed by Lab Personnel Only:			
Lab Reference #:	<i>D188439</i>	Time:	24 hour clock
Received by:	<i>APR 27 2018 JP</i>	Date:	Month Day Year
Name(s) of Analyst(s):	<i>Phase - 20</i>		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0001	A	Sample Hole - Roof A <i>a/mo mmo c/mo d/mo e/mo f/mo</i>
	0001	B	Sample Hole - Roof B <i>a/mo h/mo c/mo d/mo</i>
	0001	C	Sample Hole - Roof B <i>a/mo h/mo c/mo d/mo</i>
	0002	A	Caulking; Brown - Flashing, Roof A <i>a/cn p-25% b/cn r-25% no</i>
	0002	B	Caulking; Brown - Flashing, Roof A <i>a/cn 1 m</i>
	0002	C	Caulking; Brown - Flashing, Roof B <i>no</i>
	0003	A	Tar - Roof Repair beside AHU, Roof B <i>cu 5-10%</i>
	0003	B	Tar - Washroom Stack, Roof B <i>na</i>



Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0003	C	Tar - on AHU, Roof B <i>Ng</i>



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

Customer: Pinchin Ltd.
135 Ontario Street, Unit 1
Kingston, ON K7L 0A5

Attn: Kori Baum
Glenn Hendry

Lab Order ID: 1618427
Analysis ID: 1618427_PLM
Date Received: 9/16/2016
Date Reported: 9/20/2016

Project: 116998.002, Limestone District School Board, Ernestown SS, 50 Main Street, Odessa

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Asbestos containing vinyl floor tile mastic, Level 1, CLR104, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_1					Dissolved
0001B	Asbestos containing vinyl floor tile mastic, Level 1, CLR103, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_2					Dissolved
0001C	Asbestos containing vinyl floor tile mastic, Level 1, STOR115, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_3					Dissolved
0001D	Asbestos containing vinyl floor tile mastic, Level 1, STOR128, (only analyze mastic)	None Detected		100% Other	Black, Beige Non Fibrous Heterogeneous
1618427PLM_4					Dissolved
0001E	Asbestos containing vinyl floor tile mastic, Level 1, CLR113, (only analyze mastic)	None Detected		100% Other	Black, Beige Non Fibrous Heterogeneous
1618427PLM_5					Dissolved
0001F	Asbestos containing vinyl floor tile mastic, Level 1, RES106, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_6					Dissolved
0001G	Asbestos containing vinyl floor tile mastic, Level 2, CLR217, (only analyze mastic)	2% Chrysotile		98% Other	Black Non Fibrous Heterogeneous
1618427PLM_7					Dissolved
0001H	Asbestos containing vinyl floor tile mastic, Level 2, CLR201, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_8					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Byron Stroble (37)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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Project: 116998.002, Limestone District School Board, Ernestown SS, 50 Main Street, Odessa

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0002A - A	Non-asbestos containing vinyl floor tile mastic, Level 1, OFF104, (only analyze mastic)	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1618427PLM_9	mastic 1				Dissolved
0002A - B	Non-asbestos containing vinyl floor tile mastic, Level 1, OFF104, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_26	mastic 2				Dissolved
0002B	Non-asbestos containing vinyl floor tile mastic, Level 1, CLR114, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_10					Dissolved
0002C	Non-asbestos containing vinyl floor tile mastic, Level 2, CLR208, (only analyze mastic)	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_11					Dissolved
0003A - A	Textured plaster, level 1, OFF106	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1618427PLM_12	texture				Crushed
0003A - B	Textured plaster, level 1, OFF106	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1618427PLM_27	single layer				Crushed
0003B - A	Textured plaster, level 1, OFF106	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1618427PLM_13	texture				Crushed
0003B - B	Textured plaster, level 1, OFF106	Not Analyzed			
1618427PLM_28	single layer				

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Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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Lab Order ID: 1618427
Analysis ID: 1618427_PLM
Date Received: 9/16/2016
Date Reported: 9/20/2016

Project: 116998.002, Limestone District School Board, Ernestown SS, 50 Main Street, Odessa

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0003C - A	Textured plaster, level 1, OFF106	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1618427PLM_14	texture				Crushed
0003C - B	Textured plaster, level 1, OFF106	Not Analyzed			
1618427PLM_29	single layer				
0003D - A	Textured plaster, level 1, OFF106	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1618427PLM_15	texture				Crushed
0003D - B	Textured plaster, level 1, OFF106	Not Analyzed			
1618427PLM_30	single layer				
0003E - A	Textured plaster, level 1, OFF106	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1618427PLM_16	texture				Crushed
0003E - B	Textured plaster, level 1, OFF106	Not Analyzed			
1618427PLM_31	single layer				
0004A - A	1x1 glued on acoustic ceiling tile mastic, Level 1, COR104, (only analyze mastic)	None Detected	45% Cellulose 45% Mineral Wool	10% Other	Gray Fibrous Heterogeneous
1618427PLM_17	ceiling tile				Teased, Ashed
0004A - B	1x1 glued on acoustic ceiling tile mastic, Level 1, COR104, (only analyze mastic)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1618427PLM_32	mastic				Dissolved

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Byron Stroble (37)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

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135 Ontario Street, Unit 1
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Lab Order ID: 1618427
Analysis ID: 1618427_PLM
Date Received: 9/16/2016
Date Reported: 9/20/2016

Project: 116998.002, Limestone District School Board, Ernestown SS, 50 Main Street, Odessa

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0004B - A	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)	None Detected	45% Cellulose 45% Mineral Wool	10% Other	Gray Fibrous Heterogeneous
1618427PLM_18	ceiling tile				Teased, Ashed
0004B - B	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1618427PLM_33	mastic				Dissolved
0004C - A	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)	None Detected	45% Cellulose 45% Mineral Wool	10% Other	Gray Fibrous Heterogeneous
1618427PLM_19	ceiling tile				Teased, Ashed
0004C - B	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1618427PLM_34	mastic				Dissolved
0005A - A	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR202	None Detected		100% Other	Red Non Fibrous Heterogeneous
1618427PLM_20					Dissolved
0005A - B	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR202	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_35					Dissolved
0005B - A	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201	None Detected		100% Other	Red Non Fibrous Heterogeneous
1618427PLM_21					Dissolved
0005B - B	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_36					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Byron Stroble (37)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

Customer: Pinchin Ltd.
135 Ontario Street, Unit 1
Kingston, ON K7L 0A5

Attn: Kori Baum
Glenn Hendry

Lab Order ID: 1618427
Analysis ID: 1618427_PLM
Date Received: 9/16/2016
Date Reported: 9/20/2016

Project: 116998.002, Limestone District School Board, Ernestown SS, 50 Main Street, Odessa

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005C - A	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201	None Detected		100% Other	Red Non Fibrous Heterogeneous
1618427PLM_22	floor tile - ashed				Ashed
0005C - B	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201	None Detected		100% Other	Black Non Fibrous Heterogeneous
1618427PLM_37	mastic				Dissolved
0006A	2X2 yellow cement board ceiling tile, level 2, OFF202	18% Chrysotile		82% Other	White Non Fibrous Heterogeneous
1618427PLM_23					Teased
0006B	2X2 yellow cement board ceiling tile, level 2, OFF202	Not Analyzed			
1618427PLM_24					
0006C	2X2 yellow cement board ceiling tile, level 2, OFF202	Not Analyzed			
1618427PLM_25					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Byron Stroble (37)

Analyst

Approved Signatory

1618427

Version 1-15-2012

Client: Pinchin Ltd.
Contact: Kori Baum
 135 Ontario Street, Unit# 1
Address: Kingston, ON K7L 0A5
Phone: 613-541-1013
Fax:
Email: kbaum@pinchin.com
ghendry@pinchin.com
Project: 116998.002, Limestone District
 School Board, Ernestown SS, 50
 Main Street, Odessa
Client Notes:

P.O. #. 116998.002
Date Submitted: Sept. 15, 2016

 PLM - Do not stop on positives for
 sample sets being analyzed only
Analysis: for mastic
TurnAroundTime: 4 Day

***Instructions:**

Use Column "B" for your contact info

To See an Example Click the
bottom Example Tab.

Enter samples between "<<" and ">>"

Begin Samples with a "<<" above the first sample
and end with a ">>" below the last sample.
Only Enter your data on the first sheet "Sheet1"

Note: Data 1 and Data 2 are optional
fields that do not show up on the official
report, however they will be included

in the electronic data returned to you
to facilitate your reintegration of the report data.

Invoice to:

Contact name here

Email address here

Scientific
Analytical
Institute



4604 Dundas Dr.
Greensboro, NC 27407
Phone: 336.292.3888

Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
<<			
0001A		Asbestos containing vinyl floor tile mastic, Level 1, CLR104, (only analyze mastic)	
0001B		Asbestos containing vinyl floor tile mastic, Level 1, CLR103, (only analyze mastic)	
0001C		Asbestos containing vinyl floor tile mastic, Level 1, STOR115, (only analyze mastic)	
0001D		Asbestos containing vinyl floor tile mastic, Level 1, STOR128, (only analyze mastic)	
0001E		Asbestos containing vinyl floor tile mastic, Level 1, CLR113, (only analyze mastic)	
0001F		Asbestos containing vinyl floor tile mastic, Level 1, RES106, (only analyze mastic)	
0001G		Asbestos containing vinyl floor tile mastic, Level 2, CLR217, (only analyze mastic)	
0001H		Asbestos containing vinyl floor tile mastic, Level 2, CLR201, (only analyze mastic)	
0002A		Non-asbestos containing vinyl floor tile mastic, Level 1, OFF104, (only analyze mastic)	
0002B		Non-asbestos containing vinyl floor tile mastic, Level 1, CLR114, (only analyze mastic)	
0002C		Non-asbestos containing vinyl floor tile mastic, Level 2, CLR208, (only analyze mastic)	
0003A		Textured plaster, level 1, OFF106	
0003B		Textured plaster, level 1, OFF106	
0003C		Textured plaster, level 1, OFF106	
0003D		Textured plaster, level 1, OFF106	

Accepted



Rejected



n. Baum
 9/16 10PM

1618427

0003E	Textured plaster, level 1, OFF106
0004A	1x1 glued on acoustic ceiling tile mastic, Level 1, COR104, (only analyze mastic)
0004B	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)
0004C	1x1 glued on acoustic ceiling tile mastic, Level 1, COR109, (only analyze mastic)
0005A	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR202
0005B	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201
0005C	12x12 red vinyl floor tile with brown and white fleck, level 2, ,STOR201
0006A	2X2 yellow cement board ceiling tile, level 2, OFF202
0006B	2X2 yellow cement board ceiling tile, level 2, OFF202
0006C	2X2 yellow cement board ceiling tile, level 2, OFF202
>>	

Your Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Your C.O.C. #: n/a

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/20
Report #: R5636611
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B969152

Received: 2019/03/18, 08:40

Sample Matrix: Solid
Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Asbestos by PLM - 0.5 RDL (1)	9	N/A	2019/03/20	COR3SOP-00002	EPA 600R-93/116

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Maxxam's profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Maxxam in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Maxxam Analytics' liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Maxxam has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Maxxam, unless otherwise agreed in writing. Maxxam is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Maxxam, results relate to the supplied samples tested.

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Maxxam Analytics' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

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Maxxam Analytics' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk

Your Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Your C.O.C. #: n/a

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/20
Report #: R5636611
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B969152
Received: 2019/03/18, 08:40

Encryption Key



Antonella Brasil
Senior Project Manager
20 Mar 2019 15:37:52

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: ABrasil@maxxam.ca
Phone# (905)817-5817

=====

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Maxxam Job #: B969152
Report Date: 2019/03/20

Pinchin Ltd
Client Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 1001 A GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR208, 2ND FLOOR					
Maxxam ID: JFH985		Date Analyzed: 2019/03/19			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

A 1001 B GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR201, 2ND FLOOR					
Maxxam ID: JFH986		Date Analyzed: 2019/03/19			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

A 1001 C GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR117, GROUND FLOOR					
Maxxam ID: JFH987		Date Analyzed: 2019/03/19			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

A 1002 A GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR205, 2ND FLOOR					
Maxxam ID: JFH988		Date Analyzed: 2019/03/19			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B969152
Report Date: 2019/03/20

Pinchin Ltd
Client Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 1002 B GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR215, 2ND FLOOR					
Maxxam ID: JFH989			Date Analyzed: 2019/03/19		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

A 1002 C GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR112, GROUND FLOOR					
Maxxam ID: JFH990			Date Analyzed: 2019/03/19		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Not Detected		Non-Fibrous

A 1003 A GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE					
Maxxam ID: JFH991			Date Analyzed: 2019/03/19		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous green caulking	Chrysotile 20%		Non-Fibrous

A 1003 B GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE					
Maxxam ID: JFH992			Date Analyzed: 2019/03/19		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1			N/A		
Comment: Not analyzed - positive stop					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B969152
Report Date: 2019/03/20

Pinchin Ltd
Client Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 1003 C GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE					
Maxxam ID: JFH993			Date Analyzed: 2019/03/19		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

TEST SUMMARY

Maxxam ID: JFH985
Sample ID: A 1001 A GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR208, 2ND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH986
Sample ID: A 1001 B GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR201, 2ND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH987
Sample ID: A 1001 C GREEN CAULKING, WINDOW FRAME, INTERIOR, CLR117, GROUND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH988
Sample ID: A 1002 A GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR205, 2ND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH989
Sample ID: A 1002 B GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR215, 2ND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH990
Sample ID: A 1002 C GREEN CAULKING, WINDOW FRAME, EXTERIOR, CLR112, GROUND FLOOR
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH991
Sample ID: A 1003 A GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam Job #: B969152
Report Date: 2019/03/20

Pinchin Ltd
Client Project #: 201262.112
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

Maxxam ID: JFH992
Sample ID: A 1003 B GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

Maxxam ID: JFH993
Sample ID: A 1003 C GREY BUTYL STRIP, BETWEEN GLASS AND DOOR FRAMES, MAIN ENTRANCE
Matrix: Solid

Collected: 2019/03/13
Shipped:
Received: 2019/03/18

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6024101	N/A	2019/03/20	Jasser Daoud

GENERAL COMMENTS

Results relate only to the items tested.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Banu Gurgun-Keough, Supervisor

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



Your Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Your C.O.C. #: na

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/07/26
Report #: R5814277
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B9K0864

Received: 2019/07/22, 09:30

Sample Matrix: Solid
Samples Received: 12

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Asbestos by PLM - 0.5 RDL (1)	12	N/A	2019/07/26	COR3SOP-00002	EPA 600R-93/116

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.

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Bureau Veritas Laboratories' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

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Bureau Veritas Laboratories' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.



Your Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Your C.O.C. #: na

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/07/26
Report #: R5814277
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BV LABS JOB #: B9K0864

Received: 2019/07/22, 09:30

Encryption Key

Antonella Brasil
Senior Project Manager
26 Jul 2019 12:32:50

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bvlabs.com

Phone# (905)817-5817

=====

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BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0007A SWEAT WRAP PIPE INSULATION,MECH106,GROUND FLOOR						
BV Labs ID: KIB724		Date Analyzed: 2019/07/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	80	Homogeneous grey sweatwrap	Not Detected	Cellulose	90%	Non-Fibrous
Layer 2	20	Homogeneous black tar paper	Not Detected	Cellulose	75%	Tar Non-Fibrous

A0007B SWEAT WRAP PIPE INSULATION,MECH106,GROUND FLOOR						
BV Labs ID: KIB725		Date Analyzed: 2019/07/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	80	Homogeneous grey sweatwrap	Not Detected	Cellulose	90%	Non-Fibrous
Layer 2	20	Homogeneous black tar paper	Not Detected	Cellulose	75%	Tar Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0007C SWEAT WRAP PIPE INSULATION, MECH106, GROUND FLOOR						
BV Labs ID: KIB726		Date Analyzed: 2019/07/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	80	Homogeneous grey sweatwrap	Not Detected	Cellulose	90%	Non-Fibrous
Layer 2	20	Homogeneous black tar paper	Not Detected	Cellulose	75%	Tar Non-Fibrous

A0008A SMOOTH PLASTER, CEILING, STOR118, GROUND FLOOR						
BV Labs ID: KIB727		Date Analyzed: 2019/07/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	50	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	50	Homogeneous grey plaster	Not Detected			Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0008B SMOOTH PLASTER, CEILING, STOR118, GROUND FLOOR

BV Labs ID: KIB728

Date Analyzed: 2019/07/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	30	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	70	Homogeneous grey plaster	Not Detected		Non-Fibrous

A0008C SMOOTH PLASTER, CEILING, STOR118, GROUND FLOOR

BV Labs ID: KIB729

Date Analyzed: 2019/07/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	30	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	70	Homogeneous grey plaster	Not Detected		Non-Fibrous

A0009A TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR

BV Labs ID: KIB730

Date Analyzed: 2019/07/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Libby Amphibole <0.50%		Non-Fibrous Vermiculite

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)

Date Format : yyyy/mm/dd



BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0009B TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR					
BV Labs ID: KIB731		Date Analyzed: 2019/07/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous grey plaster	Libby Amphibole <0.50%		Non-Fibrous Vermiculite

A0009C TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR					
BV Labs ID: KIB732		Date Analyzed: 2019/07/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous grey plaster	Libby Amphibole <0.50%		Non-Fibrous Vermiculite

A00010A TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR					
BV Labs ID: KIB733		Date Analyzed: 2019/07/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A00010B TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR					
BV Labs ID: KIB734		Date Analyzed: 2019/07/26			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

A00010C TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR					
BV Labs ID: KIB735		Date Analyzed: 2019/07/26			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

TEST SUMMARY

BV Labs ID: KIB724
Sample ID: A0007A SWEAT WRAP PIPE INSULATION,MECH106,GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB725
Sample ID: A0007B SWEAT WRAP PIPE INSULATION,MECH106,GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB726
Sample ID: A0007C SWEAT WRAP PIPE INSULATION,MECH106,GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB727
Sample ID: A0008A SMOOTH PLASTER,CEILING, STOR118, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB728
Sample ID: A0008B SMOOTH PLASTER,CEILING, STOR118, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB729
Sample ID: A0008C SMOOTH PLASTER,CEILING, STOR118, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB730
Sample ID: A0009A TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson



BUREAU
VERITAS

BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

TEST SUMMARY

BV Labs ID: KIB731
Sample ID: A0009B TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB732
Sample ID: A0009C TEXTURED PLASTER, CEILING, MECH107, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB733
Sample ID: A00010A TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB733 Dup
Sample ID: A00010A TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB734
Sample ID: A00010B TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson

BV Labs ID: KIB735
Sample ID: A00010C TEXTURED PLASTER, WALL, MECH 106, GROUND FLOOR
Matrix: Solid

Collected: 2019/07/18
Shipped:
Received: 2019/07/22

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6248735	N/A	2019/07/26	Romeo Samson



BUREAU
VERITAS

BV Labs Job #: B9K0864

Report Date: 2019/07/26

Pinchin Ltd

Client Project #: 201262.121

Site Location: 48-52 MAIN ST, ODESSA, ON

Sampler Initials: GH

GENERAL COMMENTS

Revised Report (2019/07/26): Project # changed as per client request .

Results relate only to the items tested.



BUREAU
VERITAS

BV Labs Job #: B9K0864
Report Date: 2019/07/26

Pinchin Ltd
Client Project #: 201262.121
Site Location: 48-52 MAIN ST, ODESSA, ON
Sampler Initials: GH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Romeo Samson, Analyst 1

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222504
Analyst(s): C. Luong
Samples submitted: 6
Phases analyzed: 55
Date Received: November 25, 2019
Date Analyzed: December 3, 2019

Method 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 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 provincial regulatory requirements where applicable. 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%	Alberta	Undefined
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
PEI, NWT, Yukon, Nunavut, Newfoundland and Labrador, and New Brunswick	1%	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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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.

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. 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 is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
 50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt

Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0011A Built up roofing material on steel deck, Roof K2, central area	8 Phases:		
	a) Homogeneous, brown and black, layered paper with tar.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	b) Homogeneous, black, sticky, tar material on brown and black, layered paper with tar.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	d) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Synthetic Fibres 50-75% Man-made Vitreous Fibres 0.5-5% Tar and other non-fibrous 25-50%
	e) Homogeneous, black, sticky, tar material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, black, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	h) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Phase b) is small in size. Foam and cellulose are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0011B Built up roofing material on steel deck, Roof L, south area	11 Phases:		
	a) Homogeneous, brown and black, layered paper with tar.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	b) Homogeneous, black, layered, thick, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	e) Homogeneous, black, tar material between grey, layered paper and compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, black, thick, soft, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Synthetic Fibres 50-75% Tar and other non-fibrous 25-50%
	h) Homogeneous, black, sticky, tar material.	None Detected	Tar and other non-fibrous > 75%
	i) Homogeneous, black, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	j) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	k) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Foam and cellulose are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0011C Built up roofing material on steel deck, Roof K2, northwest area	8 Phases:		
	a) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	b) Homogeneous, black, tar material between compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, thick, tar material.	None Detected	Tar and other non-fibrous > 75%
	d) Homogeneous, black, sticky, tar material.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, tar- impregnated, compressed, fibrous material.	None Detected	Synthetic Fibres 50-75% Tar and other non-fibrous 25-50%
	f) Homogeneous, black, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	h) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Foam and cellulose are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
 50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt

Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0012A Built up roofing material on wood deck, Roof K1, west area	9 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Non-homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 5-10% Tar and other non-fibrous > 75%
	d) Homogeneous, black, tar material between compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, thick, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, brown and black, layered paper with tar.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	g) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	h) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	i) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0012B Built up roofing material on wood deck, Roof K1, north area	10 Phases:		
	a) Homogeneous, black, tar paper.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, tar material between man-made vitreous fibres and compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, tar material between compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, brown and black, layered paper with tar.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	g) Homogeneous, black, layered, tar paper.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	h) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	i) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	j) Homogeneous, black, tar material with rocks.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222504
Date Analyzed: December 3, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0012C Built up roofing material on wood deck, Roof K1, central area	9 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Non-homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 5-10% Tar and other non-fibrous > 75%
	d) Homogeneous, black, tar material between man-made vitreous fibres and compressed fibrous material.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, thick, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, brown and black, layered paper with tar.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	g) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	h) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	i) Homogeneous, black, tar material with rocks.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		

Reviewed by:



Digitally signed by
Cheryl Hendsbee
Date: 2019.12.03
14:23:01 -05'00'

Page 7 of 7

Reporting Analyst:



Digitally signed by
Cheryl Hendsbee
Date: 2019.12.03
14:22:43 -05'00'



Analyzed by: C.L.
Reviewed by: KB
Report Sent by: CH

remaining samples sent to maxxam

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Limestone District School Board	Project Address:	50 Main Street, Odessa, Ontario
Portfolio/Building No:	Ernestown Secondary School	Pinchin File:	201262.136
Submitted by:	Halie MacKillican	Email:	hmackillican@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
	Kristen Vanderburgt		kvanderburgt@pinchin.com
Date Submitted:	November 22 2019	Required by:	November 29 2019
# of Samples:	306	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):			Pinchin

To be Completed by Lab Personnel Only:

Lab Reference #:	b222504 CH			Time:	24 hour clock		
Received by:	NOV 25 2019			Date:	Month	Day	Year
Name(s) of Analyst(s):	C.L.				Dec	03	2019
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)				
A	0011	A	Built up roofing material on steel deck, Roof K2, central area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND				
A	0011	B	Built up roofing material on steel deck, Roof L, south area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND i)ND j)ND k)ND				
A	0011	C	Built up roofing material on steel deck, Roof K2, northwest area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND				
A	0012	A	Built up roofing material on wood deck, Roof K1, west area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND i)ND				
A	0012	B	Built up roofing material on wood deck, Roof K1, north area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND i)ND j)ND				
A	0012	C	Built up roofing material on wood deck, Roof K1, central area a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND i)ND				



Your Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Your C.O.C. #: N/A

Attention: Glenn Hendry

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2019/12/02

Report #: R5988179

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9X3030

Received: 2019/11/26, 08:37

Sample Matrix: Solid
Samples Received: 24

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Asbestos by PLM - 0.5 RDL (1)	14	N/A	2019/12/02	COR3SOP-00002	EPA 600R-93/116
Asbestos by PLM - 0.5 RDL (1)	10	N/A	N/A	COR3SOP-00002	EPA 600R-93/116

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.

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Bureau Veritas Laboratories' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

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Bureau Veritas Laboratories' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.



Your Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Your C.O.C. #: N/A

Attention: Glenn Hendry

Pinchin Ltd
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5

Report Date: 2019/12/02
Report #: R5988179
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: B9X3030

Received: 2019/11/26, 08:37

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas Laboratories

02 Dec 2019 14:10:20

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bvlabs.com

Phone# (905)817-5817

=====

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Total Cover Pages : 2

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Bureau Veritas Laboratories 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvlabs.com

Microbiology testing is conducted at 6660 Campobello Rd. Chemistry testing is conducted at 6740 Campobello Rd.



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0013A BROWN CAULKING ON METAL ROOF FLASHING, ROOF K1, SOUTH AREA

BV Labs ID: LKH386 Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous

A0013B BROWN CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL

BV Labs ID: LKH387 Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous

A0013C BROWN CAULKING ON METAL ROOF FLASHING, ROOF L, NORTHEAST AREA

BV Labs ID: LKH388 Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous

A0014A LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL

BV Labs ID: LKH389 Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)

Date Format : yyyy/mm/dd



BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0014B LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL					
BV Labs ID: LKH390		Date Analyzed: 2019/11/29			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

A0014C LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL					
BV Labs ID: LKH391		Date Analyzed: 2019/11/29			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

A0015A BLACK CAULKING ON SKYLIGHT FRAME, ROOF K2					
BV Labs ID: LKH392		Date Analyzed: 2019/11/29			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	99	Homogeneous black caulking	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous brown rubbery material	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0015B BLACK CAULKING ON SKYLIGHT FASTENER, ROOF K2					
BV Labs ID: LKH393		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black caulking	Not Detected		Non-Fibrous

A0015C BLACK CAULKING ON SKYLIGHT FASTENER, ROOF K2					
BV Labs ID: LKH394		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	99	Homogeneous black caulking	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous clear/yellow rubbery material	Not Detected		Non-Fibrous

A0016A BLACK MASTIC ON WALL, ROOF K1, NORTHEAST WALL					
BV Labs ID: LKH395		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected	Cellulose 25%	Tar Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0016B BLACK MASTIC ON WALL, ROOF K1, NORTHEAST WALL							
BV Labs ID: LKH396		Date Analyzed: 2019/11/29					
	P.O.B	Sample Morphology	Asbestos		Other Fibres		Particulate
Layer 1	100	Homogeneous black mastic	Chrysotile	1%	Cellulose	25%	Tar Non-Fibrous

A0016C BLACK MASTIC ON WALL, ROOF K2, NORTH WALL					
BV Labs ID:		LKH397		Date Analyzed:	2019/12/02
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
	Comment: Not analyzed - positive stop				

A0017A WHITE CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL							
BV Labs ID: LKH398		Date Analyzed: 2019/11/29					
	P.O.B	Sample Morphology	Asbestos		Other Fibres		Particulate
Layer 1	99	Homogeneous white caulking	Not Detected				Non-Fibrous
Layer 2	1	Homogeneous black rubbery material	Not Detected				Tar Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0017B WHITE CAULKING ON SKYLIGHT FRAME, ROOF K2					
BV Labs ID: LKH399		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	99	Homogeneous white caulking	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous black rubbery material	Not Detected		Tar Non-Fibrous

A0017C WHITE CAULKING ON SKYLIGHT FRAME, ROOF K2					
BV Labs ID: LKH400		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white caulking	Not Detected		Non-Fibrous

A0018A LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL					
BV Labs ID: LKH401		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0018B LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL

BV Labs ID: LKH402

Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

A0018C LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL

BV Labs ID: LKH403

Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)

Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0019A SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE

BV Labs ID: LKH404

Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	96	Homogeneous grey caulking	Not Detected		Non-Fibrous
Layer 2	2	Homogeneous brown rubbery material	Not Detected		Non-Fibrous
Layer 3	1	Homogeneous light grey caulking	Not Detected		Non-Fibrous
Layer 4	1	Homogeneous white rubbery material	Not Detected		Non-Fibrous

A0019B SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE

BV Labs ID: LKH405

Date Analyzed: 2019/11/29

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	99	Homogeneous grey caulking	Not Detected		Non-Fibrous
Layer 2	1	Homogeneous brown rubbery material	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)

Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0019C SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE					
BV Labs ID: LKH406		Date Analyzed: 2019/11/29			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

A0020A CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE					
BV Labs ID: LKH407		Date Analyzed: 2019/12/02			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	60	Homogeneous cream paint	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey cementitious material	Not Detected		Non-Fibrous

A0020B CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE					
BV Labs ID: LKH408		Date Analyzed: 2019/12/02			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	60	Homogeneous cream paint	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey cementitious material	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A0020C CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE					
BV Labs ID: LKH409		Date Analyzed: 2019/12/02			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	60	Homogeneous cream paint	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey cementitious material	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

TEST SUMMARY

BV Labs ID: LKH386
Sample ID: A0013A BROWN CAULKING ON METAL ROOF FLASHING, ROOF K1, SOUTH AREA
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH387
Sample ID: A0013B BROWN CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH387 Dup
Sample ID: A0013B BROWN CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH388
Sample ID: A0013C BROWN CAULKING ON METAL ROOF FLASHING, ROOF L, NORTHEAST AREA
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH389
Sample ID: A0014A LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH390
Sample ID: A0014B LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH391
Sample ID: A0014C LIGHT GREY CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

TEST SUMMARY

BV Labs ID: LKH392
Sample ID: A0015A BLACK CAULKING ON SKYLIGHT FRAME, ROOF K2
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH393
Sample ID: A0015B BLACK CAULKING ON SKYLIGHT FASTENER, ROOF K2
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH394
Sample ID: A0015C BLACK CAULKING ON SKYLIGHT FASTENER, ROOF K2
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH395
Sample ID: A0016A BLACK MASTIC ON WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH396
Sample ID: A0016B BLACK MASTIC ON WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH396 Dup
Sample ID: A0016B BLACK MASTIC ON WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH397
Sample ID: A0016C BLACK MASTIC ON WALL, ROOF K2, NORTH WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud



TEST SUMMARY

BV Labs ID: LKH398
Sample ID: A0017A WHITE CAULKING ON BRICK WALL, ROOF K1, NORTHEAST WALL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH399
Sample ID: A0017B WHITE CAULKING ON SKYLIGHT FRAME, ROOF K2
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A	2019/12/02	Jasser Daoud

BV Labs ID: LKH400
Sample ID: A0017C WHITE CAULKING ON SKYLIGHT FRAME, ROOF K2
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH401
Sample ID: A0018A LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH402
Sample ID: A0018B LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH403
Sample ID: A0018C LIGHT BROWN CAULKING AROUND VENT, ROOF K1, EASTWELL
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH404
Sample ID: A0019A SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE
Matrix: Solid

Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

TEST SUMMARY

BV Labs ID: LKH405
Sample ID: A0019B SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH406
Sample ID: A0019C SOFT LIGHT GREY CAULKING ON EXTERIOR DOOR FRAME, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH407
Sample ID: A0020A CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH407 Dup
Sample ID: A0020A CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH408
Sample ID: A0020B CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud

BV Labs ID: LKH409
Sample ID: A0020C CREAM PAINT ON CONCRETE BLOCK WALL, EAST ENTRANCE
Matrix: Solid
Collected: 2019/11/22
Shipped:
Received: 2019/11/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6470490	N/A		Jasser Daoud



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

GENERAL COMMENTS

LKH407-01 to 409-01: Added layer to each
LKH397-01: Changed layer

Results relate only to the items tested.



FUNDAMENTAL LABORATORY ACCEPTANCE GUIDELINE

Invoice To:

Pinchin Ltd
ATTN: Accounts Payable
2470 Milltower Crt
Mississauga, ON
CANADA L5N 7W5
Client Contact:
Glenn Hendry

BV Labs Job #:	B9X3030
Date Received:	2019/11/26
Your C.O.C. #:	N/A
Your Project #:	201262.136
BV Labs Project Manager:	Antonella Brasil
Quote #:	B84940

No discrepancies noted.

Report Comments

Received Date:	<u>2019/11/26</u>	Time:	<u>08:37</u>	By:	_____
Inspected Date:	_____	Time:	_____	By:	_____
FLAG Created Date:	_____	Time:	_____	By:	_____



BUREAU
VERITAS

BV Labs Job #: B9X3030
Report Date: 2019/12/02

Pinchin Ltd
Client Project #: 201262.136
Site Location: 50 MAIN STREET, ODESSA, ONTARIO
Sampler Initials: HM

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

Romeo Samson, Team Lead- Asbestos

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

**PUSH!**

26-Nov-19 08:37

Antonella Brasil

**B9X3030**

JCC

ENV-748

**Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Limestone District School Board	Project Address:	50 Main Street, Odessa, Ontario
Portfolio/Building No:	Ernestown Secondary School	Pinchin File:	201262.136
Submitted by:	Halie MacKillican	Email:	hmackillican@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
	Kristen Vanderburgt		kvanderburgt@pinchin.com
Date Submitted:	November 22 2019	Required by:	November 29 2019
# of Samples:	30	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field): Pinchin			

To be Completed by Lab Personnel Only:			
Lab Reference #:		Time: 08:37	24 hour clock
Received by:	TRUSHNA PATEL	Date: 2019/11/26	Month Day Year
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0011	A	Built up roofing material on steel deck, Roof K2, central area
A	0011	B	Built up roofing material on steel deck, Roof L, south area
A	0011	C	Built up roofing material on steel deck, Roof K2, northwest area
A	0012	A	Built up roofing material on wood deck, Roof K1, west area
A	0012	B	Built up roofing material on wood deck, Roof K1, north area
A	0012	C	Built up roofing material on wood deck, Roof K1, central area
A	0013	A	Brown caulking on metal roof flashing, Roof K1, south area

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0013	B	Brown caulking on brick wall, Roof K1, northeast wall
A	0013	C	Brown caulking on metal roof flashing, Roof L, northeast area
A	0014	A	Light grey caulking on brick wall, Roof K1, northeast wall
A	0014	B	Light grey caulking on brick wall, Roof K1, northeast wall
A	0014	C	Light grey caulking on brick wall, Roof K1, northeast wall
A	0015	A	Black caulking on skylight frame, Roof K2
A	0015	B	Black caulking on skylight fastener, Roof K2
A	0015	C	Black caulking on skylight fastener, Roof K2
A	0016	A	Black mastic on wall, Roof K1, northeast wall
A	0016	B	Black mastic on wall, Roof K1, northeast wall
A	0016	C	Black mastic on wall, Roof K2, north wall
A	0017	A	White caulking on brick wall, Roof K1, northeast wall
A	0017	B	White caulking on skylight frame, Roof K2
A	0017	C	White caulking on skylight frame, Roof K2
A	0018	A	Light brown caulking around vent, Roof K1, east wall
A	0018	B	Light brown caulking around vent, Roof K1, east wall

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0018	C	Light brown caulking around vent, Roof K1, east wall
A	0019	A	Soft light grey caulking on exterior door frame, east entrance
A	0019	B	Soft light grey caulking on exterior door frame, east entrance
A	0019	C	Soft light grey caulking on interior door frame, east entrance
A	0020	A	Cream paint on concrete block wall, east entrance
A	0020	B	Cream paint on concrete block wall, east entrance
A	0020	C	Cream paint on concrete block wall, east entrance



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222951
Analyst(s): S. McIlhone / K. Cockburn
Date Received: December 3, 2019 **# Samples submitted:** 5
Date Analyzed: December 10, 2019 **# Phases analyzed:** 12

Method 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 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 provincial regulatory requirements where applicable. 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%	Alberta	Undefined
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
PEI, NWT, Yukon, Nunavut, Newfoundland and Labrador, and New Brunswick	1%	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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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.

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. 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 is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
 50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt

Lab Reference No.: b222951
Date Analyzed: December 10, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0021A Smooth plaster on ceiling, east entrance (STR104)	2 Phases: b) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Vermiculite 10-25% Other Non-Fibrous > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
A0021B Smooth plaster on ceiling, east entrance (STR104)	2 Phases: a) Homogeneous, grey, hard, cementitious, plaster base coat.	Actinolite/Tremolite < 0.5%	Vermiculite 10-25% Other Non-Fibrous > 75%
	b) Homogeneous, white, hard, cementitious, plaster base coat.	None Detected	Non-Fibrous Material > 75%
A0021C Smooth plaster on ceiling, east entrance (STR104)	2 Phases: a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Vermiculite 10-25% Other Non-Fibrous > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
A0021D Smooth plaster on ceiling, WR113	3 Phases: a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, off- white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.136
Prepared For: H. MacKillican / G. Hendry / K. Vanderburgt
Lab Reference No.: b222951
Date Analyzed: December 10, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0021E Smooth plaster on ceiling, WR113	3 Phases:		
	a) Homogeneous, grey, hard, cementitious, plaster base coat.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, off- white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2019.12.10
13:33:35 -05'00'

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2019.12.10
13:33:24 -05'00'



Analyzed by:

Reviewed by:

Report Sent by:



Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Limestone District School Board	Project Address:	50 Main Street, Odessa, Ontario
Portfolio/Building No:	Ernestown Secondary School	Pinchin File:	201262.136
Submitted by:	Halie MacKillican	Email:	hmackillican@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
	Kristen Vanderburgt		kvanderburgt@pinchin.com
Date Submitted:	December 2 2019	Required by:	December 9 2019
# of Samples:	5	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:					
Lab Reference #:	b222951 CM		Time:	24 hour clock	
Received by:	DEC 03 2019		Date:	12/10/19	Month Day Year
Name(s) of Analyst(s):	SM KC PHASES: 12				
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)		
A	0021	A	Smooth plaster on ceiling, east entrance (STR104) a)ND b)ND		
A	0021	B	Smooth plaster on ceiling, east entrance (STR104) a)AC/IR<0.5 b)ND		
A	0021	C	Smooth plaster on ceiling, east entrance (STR104) a)ND b)ND		
A	0021	D	Smooth plaster on ceiling, WR113 a)ND b)ND c)ND		
A	0021	E	Smooth plaster on ceiling, WR113 a)ND b)ND c)ND		



Your Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Your C.O.C. #: N/A

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2020/10/30
Report #: R6391727
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C052311

Received: 2020/10/26, 10:00

Sample Matrix: Solid
Samples Received: 40

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Asbestos by PLM - 0.5 RDL (1)	40	N/A	N/A	COR3SOP-00002	EPA 600R-93/116

Remarks:

Bureau Veritas Laboratories are accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by BV Labs are based upon recognized Provincial, Federal or US method compendia such as CCME, MELCC, EPA, APHA.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in BV Labs profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and BV Labs in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

BV Labs liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. BV Labs has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by BV Labs, unless otherwise agreed in writing. BV Labs is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by BV Labs, results relate to the supplied samples tested.

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Bureau Veritas Laboratories' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

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Bureau Veritas Laboratories' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.



Your Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Your C.O.C. #: N/A

Attention: Glenn Hendry

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2020/10/30
Report #: R6391727
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BV LABS JOB #: C0S2311

Received: 2020/10/26, 10:00

Encryption Key



**AUTHORIZED REPORT
RAPPORT AUTORISÉ**

Bureau Veritas Laboratories
30 Oct 2020 15:35:34

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

Antonella Brasil, Senior Project Manager

Email: Antonella.Brasil@bvlabs.com

Phone# (905)817-5817

=====

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BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0003A 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR COR102							
BV Labs ID: NZK947		Date Analyzed: 2020/10/30					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Chrysotile	<0.50%	Cellulose	15%	Non-Fibrous
					Fibrous Glass	45%	

S0003B 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR COR102							
BV Labs ID: NZK948		Date Analyzed: 2020/10/30					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Chrysotile	<0.50%	Cellulose	15%	Non-Fibrous
					Fibrous Glass	45%	

S0003C 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR COR102							
BV Labs ID: NZK949		Date Analyzed: 2020/10/30					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous tan ceiling tile	Not Detected		Cellulose	15%	Non-Fibrous
					Fibrous Glass	45%	

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: C0S2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0004A GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH103					
BV Labs ID: NZK950		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004B GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH102					
BV Labs ID: NZK951		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004C GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH101					
BV Labs ID: NZK952		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004D GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH106					
BV Labs ID: NZK953		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: C052311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0004E GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH107					
BV Labs ID: NZK954		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004F GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH201					
BV Labs ID: NZK955		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004G BEIGE PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH202					
BV Labs ID: NZK956		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

S0004H GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH203					
BV Labs ID: NZK957		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey paint	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0005A OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR104					
BV Labs ID: NZK958		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0005B OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR109					
BV Labs ID: NZK959		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0005C OFF-WHITE PAINT ON CONCRETE BLOCK WALL, STAIRWELL STR104					
BV Labs ID: NZK960		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0005D OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR203					
BV Labs ID: NZK961		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0005E OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR108					
BV Labs ID: NZK962		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0005F OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR111					
BV Labs ID: NZK963		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0005G OFF-WHITE PAINT ON CONCRETE BLOCK WALL, STAIRWELL STR201					
BV Labs ID: NZK964		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white paint	Not Detected		Non-Fibrous

S0006A SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR202					
BV Labs ID: NZK965		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: C0S2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0006B SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR202					
BV Labs ID: NZK966		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0006C SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR203					
BV Labs ID: NZK967		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0006D SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR203					
BV Labs ID: NZK968		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0006E SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR109					
BV Labs ID: NZK969		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey plaster	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: C052311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0006F SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR109					
BV Labs ID: NZK970		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0006G SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR104					
BV Labs ID: NZK971		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0007A BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101					
BV Labs ID: NZK972		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige paint	Not Detected		Non-Fibrous

S0007B BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101					
BV Labs ID: NZK973		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige paint	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: C0S2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0007C BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101					
BV Labs ID: NZK974		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige paint	Not Detected		Non-Fibrous

S0008A BROWN DUCT MASTIC, MECHANICAL ROOM MECH203					
BV Labs ID: NZK975		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown duct mastic	Chrysotile 2%		Non-Fibrous

S0008B BROWN DUCT MASTIC, MECHANICAL ROOM MECH203					
BV Labs ID: NZK976		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

S0008C BROWN DUCT MASTIC, MECHANICAL ROOM MECH203					
BV Labs ID: NZK977		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0009A GREY DUCT MASTIC MECH 203					
BV Labs ID: NZL363		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey duct mastic	Not Detected		Non-Fibrous

S0009B GREY DUCT MASTIC MECH 203					
BV Labs ID: NZL364		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey duct mastic	Not Detected		Non-Fibrous

S0009C GREY DUCT MASTIC MECH 203					
BV Labs ID: NZL365		Date Analyzed: 2020/10/30			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey duct mastic	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK941
Sample ID: S0001A BUTYL STRIP BETWEEN GLASS PANE AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK941 Dup
Sample ID: S0001A BUTYL STRIP BETWEEN GLASS PANE AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK942
Sample ID: S0001B BUTYL STRIP BETWEEN GLASS PANE AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK943
Sample ID: S0001C BUTYL STRIP BETWEEN GLASS PANE AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK944
Sample ID: S0002A OFF-WHITE CAULKING JOINT OF BRICK AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK945
Sample ID: S0002B OFF-WHITE CAULKING JOINT OF BRICK AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK946
Sample ID: S0002C OFF-WHITE CAULKING JOINT OF BRICK AND METAL DOOR FRAME, EXTERIOR, WEST DOOR CORRIDOR COR102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK947
Sample ID: S0003A 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK948
Sample ID: S0003B 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK949
Sample ID: S0003C 2X4 ACOUSTIC CEILING TILE WITH LENGTHWISE FISSURE AND PINHOLE, CORRIDOR
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK950
Sample ID: S0004A GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH103
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK951
Sample ID: S0004B GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK951 Dup
Sample ID: S0004B GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH102
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK952
Sample ID: S0004C GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH101
Matrix: Solid
Collected: 2020/10/23
Shipped: 2020/10/23
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK953
Sample ID: S0004D GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH106
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK954
Sample ID: S0004E GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH107
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK955
Sample ID: S0004F GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH201
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK956
Sample ID: S0004G BEIGE PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH202
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK957
Sample ID: S0004H GREY PAINT ON CONCRETE BLOCK WALL, MECHANICAL ROOM MECH203
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK958
Sample ID: S0005A OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR104
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK959
Sample ID: S0005B OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR109
Matrix: Solid
Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK960
Sample ID: S0005C OFF-WHITE PAINT ON CONCRETE BLOCK WALL, STAIRWELL STR104
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK961
Sample ID: S0005D OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK961 Dup
Sample ID: S0005D OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK962
Sample ID: S0005E OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR108
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK963
Sample ID: S0005F OFF-WHITE PAINT ON CONCRETE BLOCK WALL, CORRIDOR COR111
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK964
Sample ID: S0005G OFF-WHITE PAINT ON CONCRETE BLOCK WALL, STAIRWELL STR201
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK965
Sample ID: S0006A SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR202
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK966
Sample ID: S0006B SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR202
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK967
Sample ID: S0006C SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK968
Sample ID: S0006D SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK969
Sample ID: S0006E SMOOTH PLASTER, WALL ABOVE DOOR, CORRIDOR COR109
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK970
Sample ID: S0006F SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR109
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK971
Sample ID: S0006G SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR104
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK971 Dup
Sample ID: S0006G SMOOTH PLASTER, WALL ABOVE LOCKERS, CORRIDOR COR104
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZK972
Sample ID: S0007A BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK973
Sample ID: S0007B BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK974
Sample ID: S0007C BIEGE PAINT ON CONCRETE DECK, MECHANICAL ROOM MECH101
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK975
Sample ID: S0008A BROWN DUCT MASTIC, MECHANICAL ROOM MECH203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK976
Sample ID: S0008B BROWN DUCT MASTIC, MECHANICAL ROOM MECH203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZK977
Sample ID: S0008C BROWN DUCT MASTIC, MECHANICAL ROOM MECH203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZL363
Sample ID: S0009A GREY DUCT MASTIC MECH 203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

TEST SUMMARY

BV Labs ID: NZL364
Sample ID: S0009B GREY DUCT MASTIC MECH 203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud

BV Labs ID: NZL365
Sample ID: S0009C GREY DUCT MASTIC MECH 203
Matrix: Solid

Collected: 2020/10/23
Shipped:
Received: 2020/10/26

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	7026879	N/A		Jasser Daoud



BUREAU
VERITAS

BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

GENERAL COMMENTS

Results relate only to the items tested.



BV Labs Job #: COS2311
Report Date: 2020/10/30

Pinchin Ltd
Client Project #: 201262.169
Site Location: 50 MAIN STREET, ODESSA, ON
Sampler Initials: NC

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

A handwritten signature in black ink, appearing to read "Jasser Daoud", written over a horizontal line.

Jasser Daoud, Analyst 1-Asbestos

BV Labs has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.205
Prepared For: K. Vanderburgt / G. Hendry / J. McCann
Lab Reference No.: b258809
Analyst(s): A. Di Giulio
Date Received: September 13, 2021 **# Samples submitted:** 6
Date Analyzed: September 20, 2021 **# Phases analyzed:** 7

Method 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 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 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 provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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 17025:2017.

This report relates only to the items tested.

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. 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 is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
 50 Main Street, Odessa, Ontario
Project No.: 0201262.205
Prepared For: K. Vanderburgt / G. Hendry / J. McCann

Lab Reference No.: b258809
Date Analyzed: September 20, 2021

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
S0022A 2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, COR103	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	Chrysotile Amosite	0.5-5% < 0.5%	Cellulose Man-made Vitreous Fibres Non-Fibrous Material	10-25% > 75% 0.5-5%
S0022B 2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, COR102				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
S0022C 2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, RES103				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
S0023A Sweatwrap insulation, pipe, ground floor, COR108	2 Phases: a) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material. b) Homogeneous, beige, layered, corrugated paper.	Chrysotile None Detected	< 0.5%	Cellulose Tar and other non-fibrous material Cellulose	50-75% 25-50% > 75%
Comments:	The asbestos present in this sample may be due to contamination.				



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Limestone District School Board, Ernestown Secondary School
50 Main Street, Odessa, Ontario
Project No.: 0201262.205
Prepared For: K. Vanderburgt / G. Hendry / J. McCann
Lab Reference No.: b258809
Date Analyzed: September 20, 2021

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0023B Sweatwrap insulation, pipe, ground floor, COR108	2 Phases: a) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous material 25-50%
	b) Homogeneous, beige, layered, corrugated paper.	None Detected	Cellulose > 75%
S0023C Sweatwrap insulation, pipe, ground floor, COR108	2 Phases: a) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous material 25-50%
	b) Homogeneous, beige, layered, corrugated paper.	None Detected	Cellulose > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2021.09.20
11:56:25-04'00'

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2021.09.20
11:56:14-04'00'

Analyzed by: AD 9/20/21
 Reviewed by: KB
 Report Sent by: [Signature]

Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Limestone District School Board	Project Address:	50 Main Street, Odessa, Ontario
Portfolio/Building No:	Ernestown Secondary School	Pinchin File:	201262.205
Submitted by:	Kristen Vanderburgt	Email:	kvanderburgt@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
CC Results to:	Jeanette McCann	CC Email:	jmccann@pinchin.com
Date Submitted:	September 10 2021	Required by:	September 17 2021
# of Samples:	6	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1959	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:			
To be Completed by Lab Personnel Only:			
Lab Reference #:	<u>6258809</u>	Time:	24 hour clock
Received by:	<u>SEP 13 2021</u>	Date:	Month Day Year
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0022	A	2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, COR103 <u>CH 0.5-5% AM <0.5%</u>
S	0022	B	2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, COR102 <u>NA</u>
S	0022	C	2'x4' acoustic ceiling tiles with waves and pinholes, ground floor, RES103 <u>NA</u>
S	0023	A	Sweatwrap insulation, pipe, ground floor, COR108 <u>a) CH <0.5% b) ND</u>
S	0023	B	Sweatwrap insulation, pipe, ground floor, COR108 <u>ND a) ND b) ND</u>
S	0023	C	Sweatwrap insulation, pipe, ground floor, COR108 <u>ND a) ND b) ND</u>



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.:	0201262.226		
Prepared For:	G. Hendry		
Lab Reference No.:	b264524		
Analyst(s):	L. Carriere / K. Cockburn		
Date Received:	January 7, 2022	# Samples submitted:	3
Date Analyzed:	January 7, 2022	# Phases analyzed:	1

Method 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 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 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 provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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 17025:2017.

This report relates only to the items tested.

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. 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 is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0201262.226

Prepared For: G. Hendry

Lab Reference No.: b264524

Date Analyzed: January 7, 2022

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0024A Parging cement, MECH 106, exterior of 1965 boiler	Homogeneous, off-white, soft, parging cement.	Chrysotile 50-75%	Non-Fibrous Material 25-50%
S0024B Parging cement, MECH 106, exterior of 1965 boiler			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0024C Parging cement, MECH 106, exterior of 1965 boiler			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed
by Lian Noonan

Date:
2022.01.07 13:
41:11-05'00'

Reporting Analyst:

Digitally signed
by Lian Noonan

Date:
2022.01.07 13:
40:50-05'00'

ECOC R3Q. emailed. 9:33 AM 1/7.

Analyzed by: LC
Reviewed by: JK
Report sent by: LC

Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:		Project Address:	
Portfolio/Building No:		Pinchin File:	201262.226
Submitted by:	Glenn Hendry	Email:	ghendry@pinchin.com
CC Results to:	Kingston Admin	CC Email:	kingstonadmin@pinchin.com
Date Submitted:	January 6 2022	Required by:	January 7 2022
# of Samples:	3	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field): Pinchin			
HMIS2 Building Reference #:			
To be Completed by Lab Personnel Only: 6264524 @			
Lab Reference #:		Time:	24 hour clock
Received by:		Date: Jan 7/22	Month Day Year
Name(s) of Analyst(s):	LC/KC	JAN 7 2022	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0024	A	Parging cement, MECH 106, exterior of 1965 boiler CH 50-75
S	0024	B	Parging cement, MECH 106, exterior of 1965 boiler NA
S	0024	C	Parging cement, MECH 106, exterior of 1965 boiler NA



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: ESS
Project No.: 0201262.316
Prepared For: G. Hendry

Lab Reference No.: b320009
Analyst(s): T. Ly

Date Received:	August 2, 2024	Samples Submitted:	15
Date Analyzed:	August 16, 2024	Phases Analyzed:	31

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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared 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 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 provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

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.

This report relates only to the items tested.

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Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: ESS
Project No.: 0201262.316
Prepared For: G. Hendry

Lab Reference No.: b320009
Date Analyzed: August 16, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0025A Wall, Paint, On Concrete Block, Loc:CUST101 (Sample 1)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0025B Wall, Paint, On Concrete Block, Loc:CLR106 (Sample 2)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0025C Wall, Paint, On Concrete Block, Loc:CLR105A (Sample 3)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0025D Wall, Paint, On Concrete Block, Loc:CLR104 (Sample 4)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: ESS
Project No.: 0201262.316
Prepared For: G. Hendry

Lab Reference No.: b320009
Date Analyzed: August 16, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0025E Wall, Paint, On Concrete Block, Loc:CLR101 (Sample 5)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0026A Wall, Paint, On Concrete Block, Loc:CLR119 (Sample 6)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Non-homogeneous, beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0026B Wall, Paint, On Concrete Block, Loc:CLR112 (Sample 8)	3 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0026C Wall, Paint, On Concrete Block, Loc:CLR110 (Sample 9)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: ESS
Project No.: 0201262.316
Prepared For: G. Hendry

Lab Reference No.: b320009
Date Analyzed: August 16, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0026D Wall, Paint, On Concrete Block, Loc:MECH105 (Sample 10)	2 Phases: a) Homogeneous, light blue, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0026E Wall, Paint, On Concrete Block, Loc:CLR113 (Sample 15)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0027A Wall, Paint, On Concrete Block, Loc:CAFE101 (Sample 11)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0027B Wall, Paint, On Concrete Block, Loc:GYM101 (Sample 12)	2 Phases: a) Non-homogeneous, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: ESS
Project No.: 0201262.316
Prepared For: G. Hendry

Lab Reference No.: b320009
Date Analyzed: August 16, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0027C Wall, Paint, On Concrete Block, Loc:WR108 (Sample 13)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0027D Wall, Paint, On Concrete Block, Loc:COR105 (Sample 14)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0028A Wall, Paint, On Concrete Block, Loc:CLR216 (Sample 16)	2 Phases: a) Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2024.08.16
17:30:04-04'00'

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2024.08.16
17:30:27-04'00'

Analyzed by:

Reviewed by:

Report Sent By:

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:		Project Address:	
Portfolio/Building No:	ESS	Pinchin File:	201262.316
Submitted by:	Kyle Ford	Email:	kford@pinchin.com
CC Results to:	Glenn Hendry, Laura Skoblenick, Kuzey Gunesli	CC Email:	ghendry@pinchin.com, lskoblenick@pinchin.com kgunesli@pinchin.com
Date Submitted:	August 1 2024	Required by:	August 8 2024
# of Samples:	15	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1959		
Do NOT Stop on Positive (Sample Numbers):	All Samples		
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	N/A		
To be Completed by Lab Personnel Only:			
Lab Reference #:	b320009		Time: 24 hour clock
Received by:	AUG 02 2024		Date: Month Day Year
Name(s) of Analyst(s):	8 16 24		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0025	A	Wall, Paint, On Concrete Block, Loc: CUST101 (Sample 1) AND BND
S	0025	B	Wall, Paint, On Concrete Block, Loc: CLR106 (Sample 2) AND BND
S	0025	C	Wall, Paint, On Concrete Block, Loc: CLR105A (Sample 3) AND BND
S	0025	D	Wall, Paint, On Concrete Block, Loc: CLR104 (Sample 4) AND BND
S	0025	E	Wall, Paint, On Concrete Block, Loc: CLR101 (Sample 5) AND BND
S	0026	A	Wall, Paint, On Concrete Block, Loc: CLR119 (Sample 6) AND BND
S	0026	B	Wall, Paint, On Concrete Block, Loc: CLR112 (Sample 8) AND BND AND

$$15 + 16 = 31$$

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0026	C	Wall, Paint, On Concrete Block, Loc: CLR110 (Sample 9) a) ND b) ND
S	0026	D	Wall, Paint, On Concrete Block, Loc: MECH105 (Sample 10) a) ND b) ND
S	0026	E	Wall, Paint, On Concrete Block, Loc: CLR113 (Sample 15) a) ND b) ND
S	0027	A	Wall, Paint, On Concrete Block, Loc: CAFE101 (Sample 11) a) ND b) ND
S	0027	B	Wall, Paint, On Concrete Block, Loc: GYM101 (Sample 12) a) ND b) ND
S	0027	C	Wall, Paint, On Concrete Block, Loc: WR108 (Sample 13) a) ND b) ND
S	0027	D	Wall, Paint, On Concrete Block, Loc: COR105 (Sample 14) a) ND b) ND
S	0028	A	Wall, Paint, On Concrete Block, Loc: CLR216 (Sample 16) a) ND b) ND

16



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.: 0201262.339

Prepared For: K. Gunesli

Lab Reference No.: b327025

Analyst(s): A. Kaur / K. Cockburn

Date Received: November 5, 2024

Samples Submitted: 3

Date Analyzed: November 8, 2024

Phases Analyzed: 3

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 – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared 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 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 provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

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.

This report relates only to the items tested.

This report relates only to the items tested and is valid only when signed with a protected, authorized, electronic signature. This report may not be reproduced, except in full, without the written approval of Pinchin Ltd. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. Internal verification studies, quality assurance / control data and laboratory documentation on measurement uncertainty are available upon request.



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0201262.339
Prepared For: K. Gunesli
Lab Reference No.: b327025
Date Analyzed: November 8, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0029A Electrical Wire,Paper,Oil- impregnated Paper Around Electrical Cable, Loc:5, MECH106	Homogeneous, black, fibrous material with tar.	None Detected	Cellulose 50-75% Tar and other Non- 25-50% Fibrous Material
S0029B Electrical Wire,Paper,Oil- impregnated Paper Around Electrical Cable,Loc:5, MECH106	Homogeneous, black, fibrous material with tar.	None Detected	Cellulose 50-75% Tar and other Non- 25-50% Fibrous Material
S0029C Electrical Wire,Paper,Oil- impregnated Paper Around Electrical Cable,Loc:5, MECH106	Homogeneous, black, fibrous material with tar.	None Detected	Cellulose 50-75% Tar and other Non- 25-50% Fibrous Material

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2024.11.12
09:40:05-05'00'

Page 2 of 2

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2024.11.12
09:40:14-05'00'

Analyzed by: A. Kaur
 Reviewed by: [Signature]
 Report Sent by: [Signature]

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Special Instructions:

Client Name:		Project Address:	ON
Portfolio/Building No:		Pinchin File:	201262.339
Submitted by:	Kuzey Gunesli	Email:	kgunesli@pinchin.com
CC Results to:	Glenn Hendry, Laura Skoblenick	CC Email:	ghendry@pinchin.com, lskoblenick@pinchin.com
Date Submitted:	November 04 2024	Required by:	November 12 2024
# of Samples:	3	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1959	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		136420/20246463653933	
To be Completed by Lab Personnel Only:			
Lab Reference #:	5327025	Time:	24 hour clock
Received by:	NOV 05 2024	Date:	Month Day Year
Name(s) of Analyst(s):	A. Kaur		Nov 8 2024
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0029	A	Electrical Wire,Paper,Oil-impregnated Paper Around Electrical Cable,Loc:5,MECH106 ND
S	0029	B	Electrical Wire,Paper,Oil-impregnated Paper Around Electrical Cable,Loc:5,MECH106 ND
S	0029	C	Electrical Wire,Paper,Oil-impregnated Paper Around Electrical Cable,Loc:5,MECH106 ND

APPENDIX III
Methodology

1.0 GENERAL

Pinchin conducted an investigation of previously identified asbestos-containing materials (ACM) to evaluate the current condition of all accessible ACM identified in the most recent assessment.

The surveyor made reference to any existing assessment or abatement reports (as provided by the Client).

Materials listed as exclusions in the previous reports have remained as exclusions. Sampling, assessment or verification of excluded materials was not conducted.

Existing sampling data, where available, was reviewed and relied upon.

The following summarizes the criteria of asbestos definitions. If there is a conflict between federal and provincial criteria, the more stringent will apply.

Jurisdiction	Friable	Non-Friable
Ontario	0.5%	0.5%

Where building materials are described in the report as “non-asbestos” or “does not contain asbestos”, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.

Asbestos materials are evaluated in order to make recommendations regarding remedial work. The priority for remedial action is based on several factors:

- Friability (friable or non-friable)
- Condition (good, fair, poor, debris)
- Accessibility (ranking from accessible to all building users to inaccessible)
- Visibility (whether the material is obscured by other building components)
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition)

For a complete description of the Evaluation Criteria and Basis of Recommendations, refer to Annex A.

Template: Methodology for Asbestos Reassessment, HAZ, November 13, 2024

METHODOLOGY ANNEX A EVALUATION CRITERIA

1.0 EVALUATION CRITERIA AND BASIS OF RECOMMENDATIONS

The detailed asbestos assessment provides information regarding the location, condition, accessibility and friability of the asbestos-containing materials (ACM). In order to make recommendations for compliance with current regulations, Pinchin developed the following criteria.

2.0 EVALUATION OF CONDITION

2.1 Friable Sprayed or Trowelled Fireproofing, Thermal Insulation and Texture Finishes (Surfacing Materials)

To evaluate the condition of ACM sprayed or trowelled on fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes, the following criteria are applied:

Good	Surface of material shows no significant signs of damage, deterioration or delamination. Good condition includes unencapsulated or unpainted fireproofing or texture finishes, where no or limited delamination or damage is observed, or encapsulated fireproofing or texture finishes where the encapsulant or paint has been applied after the damage or fallout occurred.
Poor	A sprayed material that shows signs of significant damage or is significantly delaminating or deteriorating. This may be limited to surface delamination or some portion of the substrate may be exposed.

In Locations where damage exists in isolated areas, both good and poor condition may be applicable. The extent of each condition will be recorded. Fair condition is not utilized in the evaluation of ACM sprayed or trowelled fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes.

The evaluation of the above products above ceilings may be limited by the number of observations and by building components such as ducts or full height walls that obstruct the above ceiling observations.

2.2 Friable Mechanical or Thermal System Insulation (TSI)

To evaluate the condition of mechanical insulation on vessels, boilers, breeching, ducts, pipes, fan units, equipment etc. the following criteria are applied:

Good	Insulation is completely covered in jacketing and exhibits no evidence of damage or deterioration. No insulation is exposed. Includes conditions where the jacketing has minor damage (i.e. scuffs or stains), but the jacketing is not penetrated.
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Fair	Minor penetrating damage to jacketed insulation (cuts, tears, nicks, deterioration or delamination) or undamaged insulation that has never been jacketed. Insulation is exposed but not showing surface disintegration. The extent of missing insulation ranges from minor to none. Damage can be repaired.
Poor	Original insulation jacket is missing, damaged, deteriorated or delaminated. Insulation is exposed and significant areas have been dislodged. Damage cannot be readily repaired. Includes components where insulation may have been removed incompletely.

The evaluation of mechanical insulation may be limited by the number of observations made and building components such as ducts or full height walls that obstruct observations. It is often not possible to observe each foot of mechanical insulation from all angles.

2.3 Potentially Friable Materials and Miscellaneous Friable Materials

Potentially friable ACM are products that are basically non-friable while in place but have the potential to generate friable dust upon removal or if significantly disturbed without appropriate procedures. These products may become friable if damaged. Potentially friable materials include materials such as acoustic ceiling tiles and plaster. To evaluate the condition of potentially friable materials, the following criteria are applied:

Good	No significant damage or deterioration. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or breakage, but is not deteriorating (e.g. cracked plaster, broken but in place ceiling tile, missing tile or section of plaster etc.). The condition is such that it is still serving its intended use as a building material or finish but may require repair for mainly cosmetic purposes.
Poor	Significant deterioration or breaking apart of the material. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material has deteriorated to a point it has become friable. Normally potentially friable ACM in Poor condition is not repairable and requires at least localized removal and replacement.

2.4 Non-Friable Materials

Non-friable ACM cover a wide range of products with a wide variation in their tendency to release dust or asbestos fibres to the air. Many of these materials, (particularly where the matrix is an unweathered bitumen, asphalt or tar material) do not release fibres except in very unusual circumstances or during significant disturbance (e.g. use of abrasive power tools). Others with a cementitious matrix (asbestos-cement products) can more readily release dust due to abrasion, demolition, weathering, etc. The

potential for asbestos release from non-friable ACM is always lower than from friable ACM. To evaluate the condition of non-friable Materials, the following criteria are applied:

Good	No significant damage or deterioration. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or breakage but is not deteriorating (e.g. cracked vinyl floor tile, missing piece of tile or transite, etc.). The condition is such that it is still serving its intended use as a building material or finish but may require repair for mainly cosmetic purposes.
Poor	Significant deterioration or breaking apart of the material to the point at which it cannot be repaired, and it will require at least local removal. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material may have deteriorated to a point where traffic or disturbance may cause it to become friable.

2.5 Evaluation of ACM Debris

The identification of the exact location or presence of debris on the top of ceiling tiles is limited by the number of observations made and the presence of building components such as ducts or full height walls that obstruct observations.

The presence of fallen or dislodged ACM is noted separately from the ACM source and is referred to as Debris. Debris may be friable if from a friable ACM source or a badly deteriorated non-friable ACM source. Debris may also be non-friable (such as fallen pieces of transite sheet or mastic fittings, or broken, dislodged floor tiles).

Debris	Debris may be friable or non-friable but is always identified as “debris” as the component of an observation and quantified as Poor condition.
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2.6 Evaluation of Presumed Asbestos-Containing Material (PACM)

Presumed asbestos-containing materials (PACM), are building materials that may contain asbestos but were not sampled or analyzed due to inaccessibility or the need to perform destructive testing to obtain a reasonable sample set. Evaluation of these materials is based on the assumption that these PACM are asbestos-containing.

A list of PACM is provided in the report and they are generally not included in the detailed room by room reports. Typically, they are excluded because they are inaccessible or present in very small quantities. If PACM are evaluated, Pinchin uses the criteria that correspond with the type (and friability) of the material listed above.

3.0 EVALUATION OF ACCESSIBILITY

The accessibility of building materials known or suspected of being ACM is rated according to the following criteria:

Access (A)	Common areas of the building within reach of all building users (approximately 8' - 9' from floor or standard ceiling height). Includes other areas where occupant activities may result in disturbance of material that is not normally within reach from floor level, but may be disturbed by common activities (e.g. gymnasiums, workshops, warehouses).
Access (B)	Areas of the building accessed primarily by Maintenance/Caretaking/Janitorial Staff and within reach without use of a ladder. Includes areas within reach in Boiler Rooms, Electrical Rooms, Janitors Closets, Elevator Rooms, Mechanical Rooms, etc. Includes materials within reach from fixed ladders or catwalks, mezzanines, and accessible pipe chases.
Access (C) and Visible	Areas of the building above 8' - 9' where use of a ladder or scaffold is required to reach the ACM. Only includes ACM that are visible to view without the removal or opening of other building components such as ceiling tiles or service access panels.
Access (C) and not Visible / Limited Visibility	Areas of the building above 8' - 9' where use of a ladder or scaffold is required to reach the ACM. Includes ACM that are not visible or partially visible to view and require the removal of a building component to see, such as ceilings tiles or access panels to view and access. Includes rarely entered crawl spaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.
Access (D)	Areas of the building behind inaccessible solid ceiling systems, walls or equipment etc. where demolition of the ceiling, wall or equipment etc. is required to reach the ACM. Material inaccessible due to height or location or is only accessed under unusual situations. Evaluation of condition and extent of ACM is limited or impossible, depending on the surveyor's ability to visually examine materials in Access D.

4.0 ACTION MATRIX AND DEFINITIONS

Pinchin's evaluation of the viability of a specific asbestos control option is based on the consideration of the friability, condition, accessibility and visibility of a material. The logic used is that damaged ACM located in an area frequently accessed by all building occupants is of a higher priority than damaged ACM located in an infrequently accessed service area. The action matrix considers the potential for fibre release (primarily from friable ACM) and the possible concerns from regulatory bodies and many building occupants to all damaged ACM (including non-friable).

In any building with asbestos, many current regulations require an Asbestos Management Program be implemented. Depending on the condition and the accessibility, more active measures such as repair or removal may be recommended. The following matrix provides guidance for recommended Actions in the absence of renovation or demolition. In the event of construction or maintenance activity which will disturb ACM more aggressive control or removal will be required.

4.1 Action Matrix

The following tables outline the action decisions based on the relationship of assessed factors. Table I applies to friable ACM. Table II applies to non-friable ACM.

Table I Decision Matrix for Friable ACM

Access	Condition			Debris
	Good	Fair	Poor	
(A)	Action 5 ¹	Action 5 ²	Action 3	Action 1
(B)	Action 7	Action 6 ³	Action 3	Action 1
(C) Visible	Action 7	Action 6	Action 3	Action 2
(C) Not Visible / Limited Visibility	Action 7	Action 7	Action 4	Action 2
(D)	Action 7	Action 7	Action 7	Action 7

Table II Decision Matrix for Potentially Friable and Non-Friable ACM

Access	Condition			Debris
	Good	Fair	Poor	
(A)	Action 7	Action 7 ⁴	Action 3	Action 1
(B)	Action 7	Action 7	Action 3	Action 1
(C) Visible	Action 7	Action 7	Action 4	Action 2
(C) Not Visible / Limited Visibility	Action 7	Action 7	Action 4	Action 2
(D)	Action 7	Action 7	Action 7	Action 7

¹ If friable ACM in access (A)/Good condition is not proactively removed Action 7 (Manage) is recommended.

² If friable ACM in access (A)/Fair condition is not proactively removed repair is recommended.

³ If friable ACM in access (B)/Fair condition is likely to be disturbed after repair proactive removal is recommended.

⁴ Action 7 is recommended for all non-friable ACM in Fair condition however some clients may wish to repair or take some action primarily for cosmetic reasons

4.2 Action Definitions

The following are the definitions in the Action Matrix Table presented above:

Action Definitions	
Action 1	Clean-Up of ACM Debris Restrict access that is likely to cause a disturbance of the ACM Debris and clean up ACM Debris. Utilize appropriate asbestos precautions.
Action 2	Precautions for Access Which may Disturb ACM Debris Use appropriate means to isolate the debris or to limit entry to the area which may disturb the material. At locations where ACM Debris can remain in place in lieu of removal or clean-up (e.g. Debris on top of ceiling tiles or behind lockable door), Utilize appropriate asbestos precautions to enter the area if this will disturb debris. The precautions will be required until the ACM Debris has been cleaned up.
Action 3	ACM Removal Remove ACM. Utilize asbestos procedures appropriate to the scope of the removal work. Until it is removed, restrict access to the material so it is not disturbed.
Action 4	Precautions for Work Which may Disturb ACM in Poor Condition. Utilize appropriate asbestos precautions if ACM may be disturbed by work on or near ACM. This does not require restricting access to the area, only control of work which may contact or disturb the ACM. Removal is the only viable option if work will disturb ACM.
Action 5	Proactive ACM Removal Remove friable ACM where the presence of friable asbestos in Good condition is not desirable. If friable ACM in Fair condition is not removed, then Repair friable ACM.
Action 6	ACM Repair Repair friable ACM in Fair condition which is not likely to be damaged again or disturbed by normal use of the area or room. Pinchin recommends proactive removal if friable ACM is likely to be damaged or disturbed during normal use of the area or room.
Action 7	Asbestos Management Program with Routine Surveillance Implement an Asbestos Management Program, including routine surveillance of ACM. Reassess materials regularly (typically once per year).

Master Template: Methodology Annex A to Appendix I Evaluation Criteria, HAZ, April 3, 2024

APPENDIX IV
Asbestos Summary Table



ACM Data Summary

Client Name: Limestone District School Board
Site Address: Ernestown Secondary School, 50 Main Street, Odessa, ON
Pinchin File: 201262.363
Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	CAFE 101	above suspended ceiling	mechanical	transite pipe	33m	unknown	no	no	D	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 101	ceiling	ceiling	2' x 4' acoustic ceiling tile	40 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR101	above suspended ceiling	mechanical	transite pipe	25m	unknown	no	no	D	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR102	above suspended ceiling	mechanical	transite pipe	25m	unknown	no	no	D	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 103	ceiling	ceiling	2' x 4' acoustic ceiling tile	93 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 103	floor	floor	mastic (floor tile)	93 sq. m	2% chrysotile	no	no	D	good	ACM	0001 (Pinchin 2016)
1	CLR 103	floor	floor	12" x 12" vinyl floor tile	93 sq. m	3.4% chrysotile	no	yes	A	good	ACM	ERN-BS-303 (Stantec 2013)
1	CLR103	above suspended ceiling	mechanical	transite pipe	33m	unknown	no	no	D	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 104	ceiling	ceiling	2' x 4' acoustic ceiling tile	93 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 104	floor	floor	mastic (floor tile)	6 sq. m	2% chrysotile	no	no	D	good	ACM	0001 (Pinchin 2016)
1	CLR 104	floor	floor	12" x 12" vinyl floor tile	6 sq. m	0.75% chrysotile	no	yes	A	good	abated prior to 2023	ERN-BS-301 (Stantec 2013)
1	CLR 104	floor	floor	12" x 12" vinyl floor tile	93 sq. m	3.4% chrysotile	no	yes	A	good	abated prior to 2023	ERN-BS-303 (Stantec 2013)



ACM Data Summary

Client Name: Limestone District School Board
Site Address: Ernestown Secondary School, 50 Main Street, Odessa, ON
Pinchin File: 201262.363
Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	CLR 104	north and east walls	walls	transite panel	32 panels	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 105A	ceiling	ceiling	2' x 4' acoustic ceiling tile	30 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 105	north and east walls	walls	transite panel	58 panels	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 105	pipe insulation	mechanical	fitting cement	28 fittings	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	CLR 106	ceiling	mechanical	transite pipe	4 m	unknown	no	yes	A	good	10 m abated prior to 2023	unknown
1	CLR 106	pipe insulation	mechanical	fitting cement	32 fittings	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	CLR 109	floor	floor	mastic (floor tile)	140 sq. m	2% chrysotile	no	no	D	good	ACM	0001 (Pinchin 2016)
1	CLR 109	floor	floor	12" x 12" vinyl floor tile	140 sq. m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	CLR 110	floor	floor	mastic (floor tile)	110 sq. m	2% chrysotile	no	no	D	good	ACM	0001 (Pinchin 2016)
1	CLR 110	floor	floor	12" x 12" vinyl floor tile	105 sq. m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)



ACM Data Summary

Client Name: Limestone District School Board
Site Address: Ernestown Secondary School, 50 Main Street, Odessa, ON
Pinchin File: 201262.363
Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	CLR 110	fume hood	walls	transite panel	2 sq. m	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 111	ceiling	mechanical	fitting cement	2 fittings	50-75% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	CLR 113	floor	floor	mastic (floor tile)	37 sq. m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CLR 113	floor	floor	12" x 12" vinyl floor tile	10 sq. m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	CLR 113	floor	floor	12" x 12" vinyl floor tile	17 sq. m	3.4% chrysotile	no	yes	A	good	ACM	ERN-BS-303 (Stantec 2013)
1	CLR 113	ceiling	ceiling	2' x 4' acoustic ceiling tile	3 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 114	ceiling	ceiling	2' x 4' acoustic ceiling tile	40 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 114	fume hoods	walls	transite panel	1 fume hood	unknown	no	yes	A	good	Presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	CLR 115	ceiling	ceiling	2' x 4' acoustic ceiling tile	78 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	CLR 115	floor	floor	mastic (floor tile)	78 sq. m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)



ACM Data Summary

Client Name: Limestone District School Board
Site Address: Ernestown Secondary School, 50 Main Street, Odessa, ON
Pinchin File: 201262.363
Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	CLR 115	floor	floor	12" x 12" vinyl floor tile	55 sq m	3.4% chrysotile	no	yes	A	good	ACM	ERN-BS-303 (Stantec 2013)
1	CLR 116	floor	floor	mastic (floor tile)	75 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CLR 116	floor	floor	12" x 12" vinyl floor tile	75 sq m	2.7% chrysotile	no	yes	A	good	ACM	ERN-BS-316 (Stantec 2013)
1	CLR 117	floor	floor	mastic (floor tile)	74 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CLR 117	floor	floor	12" x 12" vinyl floor tile	74 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	CLR 118	floor	floor	mastic (floor tile)	65 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CLR 118	floor	floor	12" x 12" vinyl floor tile	65 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	CLR 119	floor	floor	mastic (floor tile)	64 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CLR 119	floor	floor	12" x 12" vinyl floor tile	64 sq m	5% chrysotile	no	yes	A	good	ACM	VFT-03 (Whitford 2007)
1	COR 101	ceiling	ceiling	2' x 4' acoustic ceiling tile	10 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	COR 101	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	COR 101	floor	floor	12" x 12" vinyl floor tile	10 sq m	3% chrysotile	no	yes	A	good	ACM	ERN-BS-304 (Stantec 2013)
1	COR 102	ceiling	ceiling	2' x 4' acoustic ceiling tile	50 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	COR 102	above suspended ceiling	mechanical	aircell	50 LF	25-50%	yes	no	C	good	ACM	Pinchin (1990)
1	COR 102	above suspended ceiling	mechanical	fitting cement (unjacketed)	1 fitting	50-75%	no	no	C	1 fitting damaged	ACM	Pinchin (1990)



ACM Data Summary

Client Name: Limestone District School Board
Site Address: Ernestown Secondary School, 50 Main Street, Odessa, ON
Pinchin File: 201262.363
Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	COR 103	ceiling	ceiling	2' x 4' acoustic ceiling tile	50 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	COR 107	above suspended ceiling	mechanical	brown duct mastic	23 m	2% chrysotile	no	no	C	good	ACM	S0008A-C (Pinchin 2021)
1	COR 107	above suspended ceiling	mechanical	transite pipe	8 m	unknown	no	no	C	good	Presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	COR 108	above suspended ceiling	mechanical	brown duct mastic	5 m	2% chrysotile	no	no	C	good	ACM	S0008A-C (Pinchin 2021)
1	COR 109	above suspended ceiling	mechanical	fitting cement (unjacketed)	1 fitting	50-75%	no	no	C	1 fitting damaged	ACM	Pinchin (1990)
1	COR 109	above suspended ceiling	mechanical	aircell	3LF	25-50%	yes	no	C	3 LF damaged	ACM	Pinchin (1990)
1	COR 109	above suspended ceiling	mechanical	fitting cement	2 fittings	50-75% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	COR 110	above suspended ceiling	mechanical	thermal pipe insulation (aircell)	33 m	25-50% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)



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Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
1	COR 110	above suspended ceiling	mechanical	fitting cement	4 fittings	50-75% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	CLR 111	welding booth	walls	transite panel	nq	presumed-ACM	no	yes	A	good	abated prior to 2017	presumed-ACM
1	CUST 101	floor	floor	mastic (floor tile)	27 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	CUST 101	floor	floor	12" x 12" vinyl floor tile	27 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	CUST 101	pipe Insulation	mechanical	fitting cement	19 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	CUST 102	above suspended ceiling	mechanical	trasite pipe	1 m	unknown	no	no	C	good	Presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	FOY101	ceiling	ceiling	2' x 4' acoustic ceiling tile	20 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	FOY101	between glass window pane and door frame	wall	grey butyl strip	2 door frames	20% chrysotile	yes	yes	A	good	abated prior to 2023	A1001A-C (Pinchin 2019)
1	GYM 101	ceiling	mechanical	fitting cement	7 fittings	50-75% chrysotile	yes	yes	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)



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1	GYM 101	ducts	mechanical	parging cement on ducts	33 sq m	presumed-ACM	yes	yes	C	good	ACM	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	HEAL 101	floor	floor	mastic (floor tile)	2 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
1	HEAL 101	floor	floor	12" x 12" vinyl floor tile	2 sq m	3% chrysotile	no	yes	A	good	abated prior to 2023	ERN-BS-304 (Stantec 2013)
1	KIT 101	ceiling	mechanical	fitting cement	1 fitting	50-75% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	KIT 101	ceiling	ceiling	2' x 4' acoustic ceiling tile	2 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	KIT 102	floor	floor	mastic (floor tile)	5 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	KIT 102	floor	floor	12" x 12" vinyl floor tile	5 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	MECH 101	air handling unit	mechanical	parging cement on AHUs	varied / 10 sq m	50-75% chrysotile	yes	yes	B	good	96 square metres abated prior to 2023	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)



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1	MECH 101	pipe insulation	mechanical	fitting cement	50 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	MECH 104	pipe insulation	mechanical	fitting cement	4 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	MECH 105	pipe insulation	mechanical	fitting cement	13 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	MECH 106	boiler	mechanical	concealed refractory materials	2 ea	50-75% chrysotile	yes	yes	B	good	abated prior to 2023	S0024A-C (Pinchin 2022)
1	MECH 106	ducts	mechanical	parging on mechanical equipment	50 sq m	50-75% chrysotile	yes	yes	B	good	163 sq m abated prior to 2023	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	MECH 106	pipe insulation	mechanical	fitting cement	80 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	MECH 107	air handling unit	mechanical	parging cement	76 sq m	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)



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1	MECH 107	pipe insulation	mechanical	fitting cement	37 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	OFF 102	ceiling	ceiling	2' x 4' acoustic ceiling tile	20 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	OFF 102	above suspended ceiling	mechanical	transite pipe	15m	unknown	no	no	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	OFF 106	ceiling	ceiling	textured plaster	8 sq m	3% chrysotile	yes	yes	A	good	ACM	0003 (Pinchin 2016)
1	OFF 107	floor	floor	mastic (floor tile)	8 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	OFF 107	floor	floor	12" x 12" vinyl floor tile	4 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	OFF 108	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	OFF 108	floor	floor	9" x 9" vinyl floor tile	2 sq m	3.7% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
1	OFF 108	floor	floor	9" x 9" vinyl floor tile	8 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
1	OFF 110	floor	floor	mastic (floor tile)	12 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	OFF 110	floor	floor	12" x 12" vinyl floor tile	12 sq m	3.1% chrysotile	no	yes	A	good	ACM	ERN-BS-313 (Stantec 2013)
1	OFF 111	floor	floor	mastic (floor tile)	16 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
1	OFF 111	floor	floor	12" x 12" vinyl floor tile	16 sq m	3.1% chrysotile	no	yes	A	good	ACM	ERN-BS-313 (Stantec 2013)
1	RES 104	floor	floor	mastic (floor tile)	18 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)



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1	RES 104	floor	floor	12" x 12" vinyl floor tile	18 sq m	0.75% chrysotile	no	yes	B	good	ACM	ERN-BS-301 (Stantec 2013)
1	RES 105	floor	floor	mastic (floor tile)	13 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 105	floor	floor	12" x 12" vinyl floor tile	13 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	RES 106	floor	ceiling	2' x 4' acoustic ceiling tile	18 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	RES 106	floor	floor	mastic (floor tile)	23 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 106	floor	floor	12" x 12" vinyl floor tile	23 sq m	1.8% chrysotile	no	yes	A	good	ACM	ERN-BS-318 (Stantec 2013)
1	RES 107	ceiling	ceiling	2' x 4' acoustic ceiling tile	8 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	RES 107	above suspended ceiling	mechanical	fitting cement	3 fittings	50-75% chrysotile	yes	no	C	good	abated prior to 2023	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	RES 107	floor	floor	mastic (floor tile)	15 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 107	floor	floor	12" x 12" vinyl floor tile	15 sq m	3.2% chrysotile	no	yes	A	good	ACM	ERN-BS-317 (Stantec 2013)
1	RES 108	ceiling	ceiling	2' x 4' acoustic ceiling tile	8 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	RES 108	floor	floor	mastic (floor tile)	27 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 108	floor	floor	12" x 12" vinyl floor tile	25 sq m	2.7% chrysotile	no	yes	A	good	ACM	ERN-BS-316 (Stantec 2013)



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1	RES 108	ceiling	mechanical	fitting cement	6 fittings	50-75% chrysotile	yes	yes	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	RES 109	floor	floor	mastic (floor tile)	27 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 109	floor	floor	9" x 9" vinyl floor tile	22 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERN-BS-315 (Stantec 2013)
1	RES 110	floor	floor	mastic (floor tile)	14 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	RES 110	floor	floor	12" x 12" vinyl floor tile	14 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STAG 101	above suspended ceiling	mechanical	transite pipe	15m	unknown	no	no	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
1	STAG 101	floor	floor	mastic (floor tile)	1 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STAG 101	floor	floor	12" x 12" vinyl floor tile	1 sq m	2.4% chrysotile	no	yes	A	good	ACM	ERN-BS-314 (Stantec 2013)
1	STOR 102	floor	floor	mastic (floor tile)	2 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
1	STOR 102	floor	floor	12" x 12" vinyl floor tile	2 sq m	3% chrysotile	no	yes	A	good	abated prior to 2024	ERN-BS-304 (Stantec 2013)
1	STOR 103	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 103	floor	floor	12" x 12" vinyl floor tile	10 sq m	3% chrysotile	no	yes	A	good	ACM	VFT-03 (Whitford 2007)
1	STOR 105	ceiling	ceiling	2' x 4' acoustic ceiling tile	10 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	STOR 111	floor	floor	mastic (floor tile)	6 sq m	2% chrysotile	yes	no	D	good	ACM	0001 (Pinchin 2016)



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1	STOR 111	floor	floor	12" x 12" vinyl floor tile	6 sq m	0.75% chrysotile	yes	yes	A	good	ACM	ERN-BS-314 (Stantec 2013)
1	STOR 112	floor	floor	mastic (floor tile)	3 sq m	2% chrysotile	yes	no	D	good	ACM	0001 (Pinchin 2016)
1	STOR 112	floor	floor	12" x 12" vinyl floor tile	3 sq m	0.75% chrysotile	yes	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 114	floor	floor	mastic (floor tile)	22 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 114	floor	floor	12" x 12" vinyl floor tile	22 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 114	pipe insulation	mechanical	fitting cement	4 fittings	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	STOR 115	floor	floor	mastic (floor tile)	23 SQ M	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 115	floor	floor	12" x 12" vinyl floor tile	20 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 115	pipe insulation	mechanical	fitting cement	3 fittings	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	STOR 116	floor	floor	12" x 12" vinyl floor tile	8 sq m	2.4% chrysotile	no	yes	A	good	ACM	ERN-BS-314 (Stantec 2013)
1	STOR 116	floor	floor	mastic (floor tile)	8 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
1	STOR 116	pipe insulation	mechanical	fitting cement	8 fittings	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)



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1	STOR 122	floor	floor	mastic (floor tile)	6 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 122	floor	floor	12" x 12" vinyl floor tile	6 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 122	ceiling	ceiling	2' x 4' acoustic ceiling tile	2 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
1	STOR 124	ceiling	mechanical	fitting cement	3 fitting	50-75% chrysotile	yes	no	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	STOR 124	ceiling	mechanical	transite pipe	4.5 m	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	STOR 125	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 125	floor	floor	12" x 12" vinyl floor tile	10 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 126	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	STOR 126	floor	floor	12" x 12" vinyl floor tile	10 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	STOR 128	floor	floor	mastic (floor tile)	3 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
1	STOR 128	floor	floor	12" x 12" vinyl floor tile	3 sq m	2.4% chrysotile	no	yes	A	good	ACM	ERN-BS-314 (Stantec 2013)
1	WR 101	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	WR 101	floor	floor	12" x 12" vinyl floor tile	10 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)



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1	WR 104	floor	floor	mastic (floor tile)	5 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	WR 104	floor	floor	12" x 12" vinyl floor tile	5 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	WR 106	floor	floor	mastic (floor tile)	5 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	WR 106	floor	floor	12" x 12" vinyl floor tile	5 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
1	WR 106	pipe insulation	mechanical	fitting cement	1 fitting	50-75% chrysotile	yes	yes	A	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	WR 108	above suspended ceiling	mechanical	transite pipe	1 m	unknown	no	no	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	WR 109	floor	floor	mastic (floor tile)	3 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	WR 109	floor	floor	12" x 12" vinyl floor tile	3 sq m	3.1% chrysotile	no	yes	A	good	ACM	ERN-BS-313 (Stantec 2013)
1	WR 110	floor	floor	mastic (floor tile)	3 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
1	WR 110	floor	floor	12" x 12" vinyl floor tile	3 sq m	3.1% chrysotile	no	yes	A	good	ACM	ERN-BS-313 (Stantec 2013)
1	WR 112	ceiling	mechanical	thermal pipe insulation (aircell)	2 fittings	50-75% chrysotile	yes	yes	C	good	PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
1	throughout	select walls	walls	drywall joint filled compound	930 sq m	5% chrysotile	no	yes	A	good	ACM	DJC-01B (Whitford 2007)



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2	CLR 201	floor	floor	mastic (floor tile)	65 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 201	floor	floor	9" x 9" vinyl floor tile	30 sq m	3.7% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	CLR 201	floor	floor	9" x 9" vinyl floor tile	25 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 202	floor	floor	mastic (floor tile)	65 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 202	floor	floor	9" x 9" vinyl floor tile	55 sq m	3.7% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	CLR 202	floor	floor	9" x 9" vinyl floor tile	10 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 203	floor	floor	mastic (floor tile)	73 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 203	floor	floor	9" x 9" vinyl floor tile	53 sq m	3.7% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	CLR 203	floor	floor	9" x 9" vinyl floor tile	18 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 204	floor	floor	mastic (floor tile)	74 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 204	floor	floor	12" x 12" vinyl floor tile	74 sq m	5% chrysotile	no	yes	A	good	ACM	VFT-03 (Whitford 2007)
2	CLR 205	wall	wall	2" x 2" Transite wall tile	50 sq m	5% chrysotile	no	yes	A	good	ACM	VFT-03 (Whitford 2007)
2	CLR 205	ceiling	ceiling	2" x 2" Transite ceiling tile	55 sq m	18% chrysotile	no	yes	C	good	ACM	0006 (Pinchin 2016)
2	CLR 205	floor	floor	mastic (floor tile)	55 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 205	floor	floor	12" x 12" vinyl floor tile	55 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
2	CLR 206	ceiling	ceiling	2' x 4' acoustic ceiling tile	74 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)



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Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
2	CLR 207	ceiling	ceiling	2' x 4' acoustic ceiling tile	74 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
2	CLR 207	floor	floor	mastic (floor tile)	74 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 207	floor	floor	12" x 12" vinyl floor tile	74 sq m	3.4% chrysotile	no	yes	A	good	ACM	ERN-BS-303 (Stantec 2013)
2	CLR 208	ceiling	ceiling	2' x 4' acoustic ceiling tile	74 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
2	CLR 209	ceiling	ceiling	2' x 4' acoustic ceiling tile	74 sq m	0.5-5% chrysotile	no	yes	C	good	ACM	S0022A-C (Pinchin 2021)
2	CLR 212	floor	floor	12" x 12" vinyl floor tile	46 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	CLR 212	floor	floor	mastic (floor tile)	46 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
2	CLR 213	floor	floor	mastic (floor tile)	46 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 213	floor	floor	9" x 9" vinyl floor tile	23 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERN-BS-315 (Stantec 2013)
2	CLR 213	floor	floor	9" x 9" vinyl floor tile	23 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 214	floor	floor	mastic (floor tile)	55 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 214	floor	floor	9" x 9" vinyl floor tile	18 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERN-BS-315 (Stantec 2013)
2	CLR 214	floor	floor	9" x 9" vinyl floor tile	37 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 215	floor	floor	mastic (floor tile)	55 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 215	floor	floor	9" x 9" vinyl floor tile	28 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERN-BS-315 (Stantec 2013)
2	CLR 215	floor	floor	9" x 9" vinyl floor tile	27 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)



ACM Data Summary

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Date: December 2025

Level	Room	Specific Location	ACM Location	ACM Type	Estimated Quantity	Asbestos Content	Friable	Visibility	Access	ACM Condition	Notes	Sample Number
2	CLR 216	floor	floor	mastic (floor tile)	55 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 216	floor	floor	9" x 9" vinyl floor tile	25 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERN-BS-315 (Stantec 2013)
2	CLR 216	floor	floor	9" x 9" vinyl floor tile	25 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	CLR 217	floor	floor	9" x 9" vinyl floor tile	37 sq m	3.3% chrysotile	no	yes	A	good	ACM	ERB-BS-315 (Stantec 2013)
2	CLR 217	floor	floor	mastic (floor tile)	55 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	CLR 217	floor	floor	9" x 9" vinyl floor tile	18 sq m	8% chrysotile	no	yes	A	good	ACM	VFT-11 (Whitford 2007)
2	COR 201	floor	floor	mastic (floor tile)	14 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	COR 201	floor	floor	12" x 12" vinyl floor tile	14 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
2	COR 203	ceiling	ceiling	2' x 4' acoustic ceiling tile	4 sq m	0.5-5% chrysotile	no	yes	C	good	abated prior to 2024	S0022A-C (Pinchin 2021)
2	COR 203	ceiling	ceiling	fitting cement	65 fittings	unknown	yes	no	C	15 fittings poor condition	identified by CM3 in 2023	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
2	COR 203	ceiling	ceiling	transite pipe	unknown	unknown	no	no	C	good	presumed-ACM	presumed-ACM, identified by CM3 in 2023
2	GEN 201	floor	floor	mastic (floor tile)	175 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	GEN 201	floor	floor	12" x 12" vinyl floor tile	175 sq m	3.1% chrysotile	no	yes	A	good	ACM	ERN-BS-313 (Stantec 2013)



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2	MECH 201	ducts	mechanical	parging cement on ductwork	6 sq m	50-75% chrysotile	yes	yes	B	6 square feet damage and 1 square foot debris	ACM	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
2	MECH 201	ducts	mechanical	brown duct mastic	6 m	2% chrysotile	no	no	C	good	ACM	S0008A-C (Pinchin 2021)
2	MECH 202	ceiling	mechanical	transite pipe	10 m	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
2	MECH 203	ducts	mechanical	brown duct mastic	220 m	2% chrysotile	no	no	C	good	ACM	S0008A-C (Pinchin 2021)
2	MECH 203	wall	mechanical	transite pipe	10 m	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	unknown
2	MECH 203	pipe insulation	mechanical	fitting cement	43 fittings	50-75% chrysotile	yes	yes	B	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
2	MECH 204	closet	mechanical	fitting cement	7 fittings	50-75% chrysotile	yes	yes	C	good	ACM PREVIOUSLY SAMPLED BY PINCHIN	ACM PREVIOUSLY SAMPLED BY PINCHIN (Pinchin 1990)
2	MECH 204	closet	mechanical	brown duct mastic	5 m	2% chrysotile	no	no	C	good	ACM	S0008A-C (Pinchin 2021)
2	OFF 201	floor	floor	12" x 12" vinyl floor tile	23 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)



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2	OFF 201	floor	floor	mastic (floor tile)	23 sq m	2% chrysotile	no	no	B	good	ACM	ERN-BS-322 (Stantec 2013)
2	OFF 202	floor	floor	mastic (floor tile)	20 sq m	2% chrysotile	no	no	B	good	ACM	ERN-BS-322 (Stantec 2013)
2	OFF 202	floor	floor	12" x 12" vinyl floor tile	20 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	OFF 202	ceiling	ceiling	2' x 4' acoustic ceiling tile	20 sq m	0.5-5% chrysotile	no	yes	C	good	abated prior to 2023	S0022A-C (Pinchin 2021)
2	OFF 202/201	above suspended ceiling	ceiling	2" x 2" Transite ceiling tile	20 sq m	8% chrysotile	no	yes	C	good	ACM	0006 (Pinchin 2016)
2	OFF 203	floor	floor	12" x 12" vinyl floor tile	6 sq m	0.75% chrysotile	no	yes	A	good	abated prior to 2023	ERN-BS-322 (Stantec 2013)
2	OFF 203	floor	floor	mastic (floor tile)	6 sq m	2% chrysotile	no	no	B	good	ACM	ERN-BS-322 (Stantec 2013)
2	RES 201	floor	floor	12" x 12" vinyl floor tile	8 sq m	2.4% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)
2	RES 201	floor	floor	mastic (floor tile)	8 sq m	2% chrysotile	no	no	B	good	ACM	ERN-BS-322 (Stantec 2013)
2	STR 202	floor	floor	mastic (floor tile)	5 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	STOR 201	floor	floor	12" x 12" vinyl floor tile	10 sq m	5% chrysotile	no	no	A	good	abated prior to 2023	VFT-03 (Whitford 2007)
2	STOR 201	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	STR 202	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	STR 202	floor	floor	12" x 12" vinyl floor tile	5 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-322 (Stantec 2013)



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2	STOR 202	floor	floor	12" x 12" vinyl floor tile	10 sq m	5% chrysotile	no	no	A	good	abated prior to 2023	VFT-03 (Whitford 2007)
2	STOR 203	floor	floor	12" x 12" vinyl floor tile	14 sq m	5% chrysotile	no	no	A	good	ACM	VFT-03 (Whitford 2007)
2	STOR 203	floor	floor	mastic (floor tile)	14 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	STOR 204	floor	floor	12" x 12" vinyl floor tile	10 sq m	2.4% chrysotile	no	yes	A	good	ACM	ERN-BS-314 (Stantec 2013)
2	STOR 204	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	A	good	ACM	0001 (Pinchin 2016)
2	STOR 205	floor	floor	mastic (floor tile)	10 sq m	2% chrysotile	no	no	B	good	ACM	0001 (Pinchin 2016)
2	STOR 205	floor	floor	12" x 12" vinyl floor tile	10 sq m	0.75% chrysotile	no	yes	A	good	ACM	ERN-BS-301 (Stantec 2013)
	exterior	main entrance	between glass pane and door frames	butyl sealant	2 doors	chrysotile	no	yes	A	good	abated prior to 2023	A1003A-C (Pinchin)
	exterior	west entrance	between glass pane and door frames	butyl sealant	2 doors	chrysotile	no	yes	A	good	abated prior to 2023	S0001A-C (Pinchin)
	exterior	west entrance	Joint of brick wall and exterior metal door frame	caulking	2 doors	chrysotile	no	yes	A	good	abated prior to 2023	S0002A-C (Pinchin)



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all	exterior	door and windows	throughout	caulking/putties	nq	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM
all	exterior	east entrance soffit	ceiling	transite panel	9 sq m	unknown	no	yes	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM
all	exterior	west entrance soffit	ceiling	transite panel	9 sq m	unknown	no	yes	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM
All	exterior	south entrance soffit	ceiling	transite panel	9 sq m	unknown	no	yes	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM
all	exterior	front entrance soffit (north)	ceiling	transite panel	18 sq m	unknown	no	yes	C	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM



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all	interior	doors and windows	throughout	caulking/putties	nq	unknown	no	yes	A	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM
all	exterior	flashing	Roof B, C2	caulking/tar	10 m	unknown	no	yes	A	good	ACM	ACM SAMPLED BY PINCHIN (Pinchin 2018)
roof	roof	roof flashings	RF K1, RF K2 and RF L	black mastic	60 sq m	1%	no	yes	D	good	ACM	0016 (Pinchin 2019)
roof	roof	roof	roofing	roofing materials	unknown	unknown	no	yes	D	good	presumed-ACM, NOT SAMPLED TO PRESERVE INTEGRITY	presumed-ACM

Notes:

Accessibility Classification:

- A - Areas of the building within reach of all building users.
- B - Frequently entered maintenance areas within reach of maintenance staff, without a ladder.
- C - Areas of the building above 2.4 m where the use of a ladder is required.
- D - Areas of the building behind inaccessible solid ceiling, walls, mechanical equipment, etc.

Visibility:

- Yes - Suspect material is visible without opening hatches or lifting ceiling tiles.
- No - Suspect materials is only visible if access hatches are opened or ceiling tiles are lifted.
- PACM - Presumed Asbestos Containing Material.
- ACM - Asbestos Containing Material.
- NON-ACM - Does not contain asbestos.