

Addendum #2

CONSIDER IN YOUR RESPONSE/BID THE FOLLOWING ITEMS OF ADDITION, DELETION OR CLARIFICATION. INDICATE IN THE SPACE PROVIDED ON THE RESPONSE/BID FORM THAT YOU HAVE RECEIVED AND INCLUDED FOR THE REQUIREMENTS OF THIS ADDENDUM. SICKKIDS MAY, IN ITS SOLE DISCRETION ANSWER SIMILAR QUESTIONS FROM VARIOUS RESPONDENTS ONLY ONCE.

RE: SPECIFICATIONS

1.1 REVISED SPECIFICATIONS

- .1 The following revised specifications issued with this addendum supersede previously issued specifications of the same title and number
 - .1 Section No. 00 01 10_R1, Table of Contents.

1.2 NEW SPECIFICATIONS

- .1 Add the following new specifications issued with this Addendum.
 - .1 Section No. 02 81 00, Hazardous Materials – General Provisions
 - .2 Section No. 02 82 00.01, Asbestos Abatement – Type 1 Procedures
 - .3 Section No. 02 82 00.02, Asbestos Abatement – Type 2 Procedures
 - .4 Section No. 02 82 00.03, Asbestos Abatement – Type 3 Procedures
 - .5 Section No. 02 83 10, Lead Abatement – Class 1 Procedures
 - .6 Section No. 02 83 11, Lead Abatement – Class 2 Procedures
 - .7 Section No. Appendix A5, Hazardous Building Materials Assessment (Pre-Construction)

We look forward to your diligent participation to ensure the success of this project.

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SickKids public tenders landing page on [Biddingo.com](http://www.biddingo.com/sickkids): www.biddingo.com/sickkids .

END OF ADDENDUM

Number	Title	Date	Pages
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**Project Manual
For
The Hospital for Sick Children
Spect CT Room Renovation**

SPECIFICATIONS

Division 00 – Procurement and Contracting Requirements

	Title Page		1
00 01 10_R1	Table of Contents	04-03 Oct 2025	2
00 21 13	Instructions to Bidders		15
---	Listing of Invited Contractors		1
00 41 13	Base Bid Form		3
---	Hazmat Acknowledgement Form		2
00 73 00	Supplementary Conditions to CCDC 2		64

Division 01 - General Requirements

01 00 00	General Requirements	01 Oct 2025	11
	SickKids Electronic Close-out Guidelines	22 Sep 2021	5
	SickKids TCAT Standard		51
01 25 13	Product Substitution Procedures	01 Oct 2025	4
01 35 33	Infection Control Procedures	01 Oct 2025	5

Division 02 – Existing Conditions

02 41 19	Selective Demolition	01 Oct 2025	5
02 81 00	Hazardous Materials – General Provisions	Oct 2025	18
02 82 00.01	Asbestos Abatement – Type 1 Procedures	Oct 2025	4
02 82 00.02	Asbestos Abatement – Type 2 Procedures	Oct 2025	9
02 82 00.03	Asbestos Abatement – Type 3 Procedures	Oct 2025	11
02 83 10	Lead Abatement – Class 1 Procedures	Oct 2025	4
02 83 11	Lead Abatement – Class 2 Procedures	Oct 2025	6

Division 05 – Metals

05 41 00	Structural Metal Stud Framing	01 Oct 2025	8
05 50 00	Metal Fabrications	01 Oct 2025	8

Division 06 – Wood, Plastics and Composites

06 10 00	Rough Carpentry	01 Oct 2025	3
06 20 00	Finish Carpentry	01 Oct 2025	11

Division 07 - Thermal and Moisture Protection

07 27 00	Air Barrier Systems	01 Oct 2025	4
07 62 00	Sheet Metal Flashing and Trim	01 Oct 2025	4
07 84 00	Fire Stopping and Smoke Seals	01 Oct 2025	5
07 92 00	Joint Sealants	01 Oct 2025	8

Number	Title	Date	Pages
Division 08 - Openings			
08 12 00	Metal Frames	01 Oct 2025	6
08 14 00	Wood Doors	01 Oct 2025	6
08 71 00	Hardware	01 Oct 2025	9
---	Hardware Schedule	01 Oct 2025	12
08 80 00	Glazing	01 Oct 2025	6
Division 09 - Finishes			
09 06 00	Finishes Schedule	01 Oct 2025	5
09 21 16	Gypsum Board Assemblies	01 Oct 2025	11
09 21 16_23	Gypsum Board Shaft Wall Assemblies	01 Oct 2025	4
09 51 00	Acoustical Ceilings	01 Oct 2025	3
09 65 36	Static Dissipative Vinyl Flooring	01 Oct 2025	4
09 67 23	Resinous Flooring	01 Oct 2025	8
09 91 00	Painting	01 Oct 2025	9
Division 10 - Specialties			
10 26 23	Protective Wall Covering	01 Oct 2025	4
10 28 00	Washroom Accessories	01 Oct 2025	4
Division 13 – Special Construction			
13 49 00	Radiation Protection	01 Oct 2025	6
Mechanical & Electrical Specifications		01 Oct 2025	407
Appendices			
Appendix A1	Procedures for Construction, Renovation & Physical Plant Projects	May 2024	267
Appendix A2	Network Cabling Specifications	15 Nov 2024	48
Appendix A3	StarGuide Final Study Drawings	15 Nov 2024	18
Appendix A4	StarGuide Pre-Installation Manual_PIM_5845893-1EN_3		125
Appendix A5	Hazardous Building Materials Assessment (Pre-Construction)	03 Oct 2025	347

End of Table of Contents

PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Related work specified elsewhere:
 - Section 02 82 00.01 Asbestos Abatement – Type 1 Procedures
 - Section 02 82 00.02 Asbestos Abatement – Type 2 Procedures
 - Section 02 82 00.03 Asbestos Abatement – Type 3 Procedures
 - Section 02 83 10 Lead Abatement – Class 1 Procedures
 - Section 02 83 11 Lead Abatement – Class 2 Procedures
- .3 Site Conditions identifies all known hazardous building materials within the Project Area. The information provided is for general reference only. Each Contractor must confirm existing conditions on site prior to tender close.
 - .1 The specification fulfils the requirements of Section 30 of the Ontario Occupational Health and Safety Act.
 - .2 The specification fulfils the requirements of the Section 10 of Ontario Regulation 278/05.
- .4 The Outline of Work identifies the location, condition and quantities of hazardous building materials to be removed as part of this project.
 - .1 It is the intent that work prescribed this Section will result in the removal of all hazardous materials as outlined and the decontamination of all surfaces or materials which may have been or become contaminated by hazardous materials either during or prior to work of this Contract.

1.2 Site Conditions

- .1 Refer to the report entitled “Hazardous Building Materials Assessment (Pre-Construction) Sick Kids SPEC CT Room Renovation 555 University Avenue, Toronto, Ontario”, dated October 3,2025, Pinchin File Number 348099.001.
- .2 Remaining designated substances including arsenic, acrylonitrile, benzene, coke oven emissions, ethylene oxide, isocyanates, vinyl chloride monomer, are not typically found in building materials in a composition/state that is hazardous and are not presumed to be present within the Project Area.

1.3 Outline of Work

- .1 Coordinate the following items with the Owner's Project Manager and the Construction Manager, including but not limited to electrical isolations, GFI connection, water connections, HVAC and exhaust ventilation system isolation, bin placement, schedule, disconnects, etc.
- .2 All abatement work must be completed in conjunction with Hospital for Sick Children's Infection Prevention and Control Guidelines and CSA Z317.13-22 Infection Control Preventative Measures.
- .3 Refer to the full specifications and drawings for the extent of the construction work. Remove and dispose hazardous materials only as required to facilitate the project work and is not intended to remove all hazardous materials from the Work Area, except where otherwise specified.
- .4 Use procedures prescribed in the Sections identified in Related Work, for disturbances of the following asbestos-containing materials:
 - .1 All or part of a ceiling to obtain access to a Work Area where asbestos-containing fireproofing is known or likely to be present.
 - .2 Ceiling tiles
 - .3 Black firestop caulking at pipe penetrations within column enclosures.
 - .4 Window glazing butyl sealant.
 - .5 Plaster as wall and ceiling finishes.
 - .6 Reddish/brown duct mastic at seams / joints on the exterior of ducts and induction units.
 - .7 Brown mastic adhesive on perimeter brick walls and within perimeter column enclosures concealed by plaster and fibreglass insulation.
 - .8 Drywall finishes with asbestos-containing drywall joint compound.
 - .9 Residual sprayed fireproofing in pores on surface of concrete block shaft walls.
 - .10 Rigid ductwork and air handling equipment contaminated with asbestos-containing fireproofing dust.
 - .1 Include cleaning interior and exterior of ductwork to an arm's length where new ductwork is to tie into existing ductwork using asbestos procedures.
 - .11 Sprayed fireproofing from concrete deck, beams, columns, channels, etc.
 - .1 As overspray on items above ceiling, including but not limited to pipes, ducts, hangers, insulation, pipes, ducts, junction boxes, concrete, block walls, conduit, bx cable.
 - .2 As debris and dust on all surfaces above and including the ceiling system.

- .5 Use procedures prescribed in the Sections identified in Related Work, for disturbances of the following lead-containing materials:
 - .1 Lead sheeting present in walls.
 - .2 Drywall and plaster finishes with lead paint.
 - .3 Lead paint on structural beams and columns where structural reinforcement is required.
- .6 Remove mouldy ceiling tile in the Burton Wing 2nd Floor South Corridor (HMIS Location 6004) following Level 1 procedures per EACC Mould Guideline and appropriate CSA Z317.13-22 Infection Control Preventative Measures.
- .7 Follow appropriate safe work procedures as per the Ministry of Labour Guidance Document Silica on Construction Projects, when disturbing silica-containing materials.
- .8 The Owner is to provide and pay for site reviews and air monitoring services specified herein.
- .9 Refer to Specification Sections identified in the Related Work for specified personnel protective measures for the safe handling, removal, clean-up, of hazardous materials in each phase or Abatement Work Area.
- .10 Visit the site prior to tender close to confirm the location and extent of any hazardous building materials or materials contaminated by hazardous materials.
- .11 Protect surfaces, building fabrics and items remaining within the Abatement Work Area.
- .12 Without disturbing hazardous materials, perform removals where required, prior to abatement work.
 - .1 Maximize waste diversion by use of resale of building materials, or recycling.
- .13 Isolate the Abatement Work Area from adjoining Occupied and Non-Occupied Areas whether present at an interior or exterior location.
- .14 Maintain emergency and fire exits from Abatement Work Area, or establish alternative exits satisfactory to Provincial Fire Marshall and local authorities having jurisdiction. Maintain extra routes from occupied areas. Place emergency exit signs at locations to clearly mark exit route. Seal emergency exit doors so as not to impede use of door during emergency evacuation.
- .15 Remove, clean, store and replace at completion of work, non-operating mechanical and electrical equipment, ducts, building components, materials or items removed to accommodate asbestos removal.
- .16 Perform selective demolition of mechanical and electrical equipment, building components, materials and items scheduled for demolition at locations required to facilitate asbestos removal. Refer to all Contract Documents for responsibility of demolition work and disposal.

- .17 Protect live services, including but not limited to electrical, mechanical, life safety, communication, security, IT, etc., that can not be isolated or removed within the Abatement Work Areas.
 - .1 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .18 Remove and dispose of as appropriate waste, building components, materials and items contaminated by hazardous materials that cannot be effectively cleaned.
- .19 Final clean Abatement Work Area to remove visible signs of asbestos and other hazardous materials, other debris or settled dust.
- .20 Apply lock-down agent to exposed surfaces throughout the Abatement Work Area and to surfaces from which any hazardous materials have been removed.
 - .1 Do not apply lock-down to materials which would be damaged by its application.
- .21 Unless otherwise specified, the handling, removal, clean-up or repair of hazardous materials or surfaces contaminated with hazardous materials is to be performed following wet removal techniques.

1.4 Schedule

- .1 Refer to Division 01.
- .2 Provide necessary manpower, supervision, equipment and materials to maintain and complete the project on schedule.
- .3 Provide 48 hours written notice to the Abatement Consultant of any request to work outside normal working hours. Obtain written approval before proceeding.

1.5 Definitions

- .1 Abatement Consultant: Owner's Representative providing site review and air monitoring.
- .2 Abatement Contractor: Contractor or sub-contractor performing work of this section.
- .3 Abatement Work Area: Area where work takes place which will, or may, disturb hazardous materials.
- .4 Amended Water: Water with wetting agent added for the purpose of reducing surface tension to allow thorough wetting of materials.
- .5 Asbestos: Any of the fibrous silicates defined in Regulation 278/05 including: actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite.
- .6 Asbestos-Containing Material (ACM): Material identified under Site Conditions including any debris, overspray, fallen material and settled dust.

- .7 Authorized Visitors: Building Owner, Abatement Consultant, or designated representative, and persons representing regulatory agencies.
- .8 Competent Worker: A worker who is qualified because of knowledge, training and experience to perform the work, is familiar with Regulation 278/05 and the Occupational Health and Safety Act and has knowledge of the potential or actual danger to health and safety in the work.
- .9 Contaminated Waste: Material identified under Site Conditions, including fallen material, settled dust, other debris and materials or equipment deemed to be contaminated by the Abatement Consultant.
- .10 Curtained Doorway: Doorway consisting of two (2) overlapping flaps of rip-proof polyethylene arranged to permit ingress and egress from one room to another while permitting minimal air movement between rooms.
- .11 DOP Test: A testing method used to determine the integrity of the Negative Pressure unit or vacuum using a Dispersed Oil Particulate (DOP) or Poly Alpha Olefin (PAO) HEPA filter leak test. This test is to be conducted on site where units are to be installed. Refer to the Environmental Abatement Council of Canada (EACC) Performance Leak Testing for HEPA Filtered Equipment (2021) or ANSI/ASME N510-2007.
- .12 Fitting: Individual segments or pieces of a mechanical service line which may include but is not limited to the hangers, tees, elbows, joints, valves, unions, etc.
- .13 Friable Material: Material that when dry can be crumbled, pulverized or powdered by hand pressure and includes such material that is crumbled, pulverized or powdered.
- .14 HEPA: High Efficiency Particulate Aerosol filter that is at least 99.97 percent efficient in collecting a 0.3 micrometre aerosol.
- .15 Lead-Containing: The Ontario Ministry of Labour (MOL) has not established a lower limit for concentrations of lead in paint, below which precautions do not need to be considered during construction projects. Pinchin follows the recommendations of the Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair. The Guideline suggests that 0.1% (1,000 ppm) lead in paint represents a de minimis concentration of lead in paint for construction hygiene purposes, that is a concentration below which the lead content is not the limiting hazard in any disturbance of leaded paint for non-aggressive disturbance of painted finishes, (hand powered demolition, chipping, scraping, light sanding, etc.).
- .16 Lead Waste: Waste generated from removal of lead-containing materials, or the substrate and paint finish where left intact.
- .17 Milestone Site Review: Review of the Abatement Work Area at a defined point in the abatement operation.
- .18 Negative Pressure: A reduced pressure within the Abatement Work Area (e.g., > 0.02 inches of water column) established by extracting air directly from Abatement Work Area and discharging it to exterior of building.

- .19 Non-Friable Material: Material that when dry cannot be crumbled, pulverized or powdered by hand pressure.
- .20 Occupied Area: Any area of the building or adjoining space outside the Abatement Work Area, including Infection Control Construction Areas, or Occupied Hospital areas.
- .21 Personnel: All Contractor's employees, sub-contractors employees, supervisors.
- .22 PCM: Phase Contrast Microscopy.
- .23 Remove: Remove means remove and dispose of (as applicable type of waste) unless followed by other instruction (e.g. remove and turn over to Owner).
- .24 Toxicity Characteristic Leachate Procedure (TCLP): Laboratory analysis to determine leachable parameters in lead waste.
- .25 TEM: Transmission Electron Microscopy.

1.6 Regulations and Guidelines

- .1 Comply with Federal, Provincial, and local requirements, provided that in any case of conflict among those requirements or with these Specifications, the more stringent requirements shall apply. Work shall be performed under regulations in effect at the time work is performed.
- .2 Where regulations are not present, follow accepted industry standards and applicable Guideline documents.
- .3 Regulations and Guidelines include but are not limited to the following:
 - .1 Ministry of Labour Occupational Health and Safety Act Regulations for Construction Projects including Revised Statutes of Ontario 1990, Chapter 0.1 and Ontario Regulation 278/05.
 - .2 Ministry of the Environment Regulation for the disposal of waste, including R.R.O. 1990, Reg. 347 as amended.
 - .3 Regulation 490/09 Designated Substances.
 - .4 Environmental Abatement Council of Canada (EACC), Lead Guideline For Construction, Renovation, Maintenance or Repair, January 2025.
 - .5 Ministry of Labour, Guideline, Silica on Construction Projects, 2011.
 - .6 Ministry of Labour, Guideline, Silica on Construction Projects, 2011.
 - .7 CSA Z317.13-22 Infection Control Preventative Measures.

1.7 Quality Assurance

- .1 Removal and handling of hazardous materials is to be performed by persons trained in the methods, procedures and industry practices for Abatement.
- .2 Ensure work proceeds to schedule, meeting all requirements of this Specification.
- .3 Complete work so that at no time airborne dust, visible debris, or water runoff contaminate areas outside the Abatement Work Area.
- .4 Any contamination of surrounding area (indicated by visual review or air monitoring) shall necessitate the clean-up of affected area, and in the same manner applicable to an Abatement Work Area at no cost to the Owner.
- .5 All work involving electrical, mechanical, carpentry, glazing, etc., shall be performed by licensed persons experienced and qualified for the work required.

1.8 Supervision

- .1 Provide on site for each work shift, a Shift Superintendent(s), who has authority regarding all aspects related to manpower, equipment and production.
- .2 Supervisory personnel must hold a recognized certificate proving attendance at an asbestos removal training course (2-day minimum duration) and have performed supervisory functions on at least five (5) other asbestos abatement projects of similar size and complexity.
- .3 At all times during work, the Shift Superintendent(s) must be on site. Failure to comply with this requirement will result in a stoppage of all work, at no cost to the Owner.
- .4 Replace supervisory personnel, with approved replacements, within three (3) working days of a written request from the Owner. Owner reserves the right to request replacement of supervisory personnel without explanation.
- .5 Do not replace supervisory personnel without written approval from the Owner.

1.9 Instruction and Training

- .1 Instruction and training must be provided by a competent person.
- .2 All workers completing Type 1, 2 or 3 asbestos abatement must be trained in compliance with Section 19 of O. Reg. 278/05.
 - .1 For Type 3 asbestos abatement, workers must be trained and certified per Section 20 of O. Reg. 278/05.
 - .2 Workers completing Class 1 and 2 lead abatement must be trained per Section 6 of EACC Lead Guideline.

1.10 Notification

- .1 Before commencing work, notify orally and in writing, an Inspector at the office of the Ontario Ministry of Labour nearest the project site, where required.

- .2 Inform all trades on site of the presence and location of hazardous materials identified in the Contract documents.
- .3 Notify the Owner or Owner's Representative, the Joint Occupational Health and Safety Committee and the Provincial Ministry of Labour, if suspected asbestos-containing materials not identified in the contract documents are discovered during the course of the work. Stop work in these areas immediately.
- .4 Notify Sanitary Landfill site as per O.Reg. 347/90 as amended.

1.11 Submittals

- .1 Refer to Division 01.
- .2 Abatement Contractor is to provide a site-specific plan for approval by the Owner and Abatement Consultant prior to commencing. The plan is to include at a minimum:
 - .1 Phasing schedule of the abatement required, including:
 - .1 Pre-demolition of materials required without disturbing hazardous materials identified.
 - .2 Phasing of abatement activities, including where lower classified work operations (i.e., Type 1 and 2) are to be completed independent of higher risk work operations.
 - .2 Abatement:
 - .1 Work Area isolation boundaries.
 - .2 Source of water.
 - .3 Decontamination facility locations.
 - .4 Emergency exit routes.
- .3 Submit prior to starting work:
 - .1 Provincial Workers' Compensation Board Clearance Certificate.
 - .2 Insurance certificates.
 - .3 Copy of Company Health and Safety Policy and applicable programs.
 - .4 Ministry of Labour Notice of Project and/or Notice of Asbestos Removal form.
 - .5 Copy of Certificate of Approval for disposal of hazardous materials waste and location of landfill.
 - .6 Safety Data Sheets for chemicals or material used in the course of the Abatement Project.
- .4 Submit the following information regarding personnel prior to starting work:
 - .1 Proof in the form of a certificate that supervisory personnel have been certified as supervisors under the Ministry of Training, Colleges and Universities course 253S.

- .2 Proof in the form of a certificate that workers have been certified under the Ministry of Training, Colleges and Universities course 253W.
- .3 WHMIS training certificates for all personnel.
- .4 Certificate proving that each worker on site has been fit tested for the respirator appropriate for the work being performed.
- .5 Submit the following information regarding HEPA filtered devices prior to construction of enclosure or asbestos abatement:
 - .1 Performance data on HEPA filtered vacuums including DOP tests no more than 3 months old.
 - .2 Performance data on negative air units including DOP tests which must be no more than 3 months old if the unit is vented outdoors or which must be performed on site immediately prior to initial usage and when HEPA filters are changed if the unit is vented indoors.
 - .3 DOP tests to be performed by an independent testing company.
 - .1 DOP testing company is required to submit a detailed technical report of testing protocol, including Introduction, Methodology, Results, Conclusions, and Recommendations, including results of the Air-Aerosol Mixing Uniformity test as per ASME N510-2007.
 - .2 DOP testing company must also provide calibration certificates from an independent calibration firm or from the manufacturer of the testing equipment for both the aerosol photometer and the pressure gauge on the aerosol generator dated within 1 calendar year from the on-site testing date.
 - .3 DOP testing company must also provide the National Sanitation Foundation (NSF) certification name and number of the on-site technician performing the testing.
 - .4 Proof of calibration of DOP testing equipment.
- .6 Submit the following upon completion of the work.
 - .1 Manifests, waybills, bills of lading etc. as applicable for each type of waste.

1.12 Insurance

- .1 Refer to Division 00 / 01.
- .2 The Abatement Contractor is responsible to maintain limits no less than:
 - .1 Commercial General Liability \$5,000,000.00
 - .2 Automobile \$2,000,000.00
 - .3 Pollution Policy \$5,000,000.00

1.13 Site Reviews

- .1 From commencement of work until completion of clean-up operations, the Abatement Consultant is empowered by the Owner to review for compliance with the requirements of governing authorities, adherence to specified procedures and materials, and to inspect for final cleanliness and completion.
- .2 The Abatement Consultant is empowered by the Owner to order a shutdown of work when leakage of asbestos from the controlled work area has occurred or is likely to occur.
- .3 Any deviation from the requirements of the Specifications or governing authorities that is not approved in writing may result in a stoppage of work, at no cost to the Owner.
- .4 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions and to provide performance to the level specified shall be at no additional cost to the Owner.
- .5 Site review and air monitoring performed as a result of Contractor's failure to perform satisfactorily regarding quality, safety, or schedule, shall be back-charged to the Contractor.
- .6 Facilitate site reviews and provide access as necessary. Make good work disturbed by site reviews and testing at no cost to the Owner.
- .7 Refer to the Sections identified in Related Work for specified milestone site reviews which are to take place at defined points throughout the abatement operation specific to each phase or work area.
- .8 Provide 48 hours written notice to the Abatement Consultant of any request for scheduling of milestone site reviews or transportation of waste through Occupied Areas.
- .9 The following Milestone Site Reviews will take place, at the Owner's cost, as outlined in each related specification section:
 - .1 Clean Site Preparation
 - .1 Review of preparations and set-up prior to contaminated work in the Abatement Work Area.
 - .2 Contaminated Perimeter Preparation
 - .1 Review of Abatement Work Area upon completion of limited demolition or abatement and completion of the installation of upper seals.
 - .3 Bulk Removal
 - .1 Review during asbestos removal, monitoring removal methods, site deficiencies, performing occupied air monitoring, etc.
 - .4 Visual Clearance
 - .1 Review of Abatement Work Area after completion of all abatement, but prior to application of lock-down agents or dismantling of enclosure.

- .5 Clearance Sampling
 - .1 Air monitoring performed following removal of asbestos and application of slow drying sealer to ensure fibre levels inside the Type 3 enclosure(s) are within the acceptable limits. The number of samples to be collected and analysed are based on the requirements of O.Reg. 278/05.
- .6 Dismantling
 - .1 Review of the Abatement Work Area and adjacent areas, following completion of all abatement and required air sampling, but prior to Contractor demobilization from the Site.
- .10 Refer to the Sections identified in Related Work for specified milestone site reviews which are to take place at defined points throughout the abatement operation specific to each phase or work area.
- .11 Do not proceed with next phase of work until written approval of each milestone is received from the Abatement Consultant.

1.14 Air Monitoring - Asbestos

- .1 Air monitoring will be performed using Phase Contrast Microscopy (PCM) following the National Institute for Occupational Safety and Health Method 7400.
- .2 Results of PCM samples at or exceeding 0.01 fibres per cubic centimeter of air (fibre/cc) or greater, outside an Abatement Work Area, will indicate asbestos contamination of these areas. Respond as follows:
 - .1 Suspend work within the adjoining Abatement Work Area until written authorization to resume work has been received from the Abatement Consultant.
 - .2 Isolate and clean area in the same manner applicable to the Abatement Work Area.
 - .3 Maintain work area isolation and repeat clean-up operations until visual review and air monitoring results are at a level equal to that specified.
 - .4 At the discretion of the Abatement Consultant provide additional negative air units at locations specified in response to elevated fibre levels being detected in the Clean Change Room or Occupied Areas.
- .3 Results of PCM samples at or greater than 0.01 fibres per cubic centimeter of air (fibre/cc), collected within the Abatement Work Area enclosure after the site has passed a visual review, and an acceptable coat of lock-down agent has been applied, will indicate asbestos contamination of these areas. Respond as follows:
 - .1 Maintain work area isolation and re-clean entire work area. Then apply another acceptable coat of lock-down agent to exposed surfaces throughout the work area.

- .2 Repeat above measures until visually inspected and air monitoring results are at a level equal to that specified
- .3 Alternate to items above, the Asbestos Abatement Contractor can pay for analysis of PCM samples by Transmission Electron Microscopy (TEM) at NVLAP accredited laboratory.
 - .1 Enclosure to remain sealed, with negative pressure maintained, and subject to required daily reviews until TEM results are received.
- .4 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions and to provide performance to the level specified shall be at no additional cost to the Owner.
- .5 Cost of additional site review and sampling performed as a result of elevated fibre levels in areas outside the Abatement Work Area or from within the work area following completion of work, will be back-charged to the Contractor.

1.15 Worker Protection

- .1 Instruct workers before allowing entry to the Abatement Work Area. Instruction shall include training in use of respirators, dress, showering, entry and exiting from an Abatement Work Area, and all other aspects of work procedures and protective measures.
- .2 Workers shall not eat, drink, chew gum or tobacco, vape or smoke in the Abatement Work Area.
- .3 Workers shall be fully protected at all times when possibility of disturbance of hazardous materials exists.
- .4 Provide soap, towels and facilities for washing of hands and face, which shall be used by all personnel when leaving the Abatement Work Area.
- .5 Respiratory Protection
 - .1 Refer to each particular Section of the Specification for specified type of respiratory equipment specific to each phase or work area.
 - .2 Respirators shall be:
 - .1 Certified by the National Institute of Occupational Safety and Health (NIOSH) or other testing agency acceptable to the Ministry of Labour.
 - .2 Fitted so that there is an effective seal between the respirator and the worker's face. Ensure that no person required to enter an Abatement Work Area has facial hair which affects the seal between respirator and face.
 - .3 Assigned to a worker for their exclusive use.
 - .4 Maintained in accordance with manufacturer's specifications.
 - .5 Cleaned, disinfected and inspected by a competent person after use on each shift, or more often if required.
 - .6 Repaired or have damaged or deteriorated parts replaced.
 - .7 Stored in a clean and sanitary location.
 - .8 Provided with new filters as necessary, according to manufacturer's

- instructions.
- .9 Worn by personnel who have been fit checked by qualitative or quantitative fit-testing.
- .10 Instruction on proper use of respirators must be provided by a competent person as defined by the Occupational Health and Safety Act.
- .3 Provide protective clothing, to all personnel which:
 - .1 Is made of a material that does not readily retain nor permit penetration of asbestos fibres or lead/silica dust.
 - .2 Consists of head covering and full body covering that fits snugly at the ankles, wrists and neck.
 - .3 Once coveralls are worn, treat and dispose of as contaminated waste.
 - .4 Is replaced or repaired if torn or ripped.
- .4 Use hard hats, safety footwear and other protective equipment and apparel required by applicable construction safety regulations.

1.16 Visitor Protection

- .1 Provide clean protective clothing and equipment to Authorized Visitors.
- .2 Instruct Authorized Visitors in the use of protective clothing and Abatement Work Area entry and exit procedures.
- .3 Authorized visitors are required to be fit tested on respirators, prior to entering Abatement Work Area.
 - .1 Respirator worn must be compliant with Section 13 and Table 2 of O.Reg. 278/05.

1.17 Signage

- .1 Asbestos Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
 - .1 There is an asbestos dust hazard.
 - .2 Access to the work area is restricted to persons wearing protective clothing and equipment.
- .2 Lead Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
 - .1 There is a lead dust, fume or mist hazard.
 - .2 Access to the work area is restricted to authorized persons.
 - .3 Respirators must be worn in the work area.

- .3 Vehicles, Bins and Asbestos Waste Containers: Post signs on both sides of every vehicle used for the transportation of asbestos waste and on every asbestos waste container. Signs must display thereon in large, easily legible letters that contrast in colour with the background the word “CAUTION” in letters not less than ten centimetres in height and the words:
 - .1 CONTAINS ASBESTOS FIBRES
 - .2 Avoid Creating Dust and Spillage
 - .3 Asbestos May be Harmful To Your Health
 - .4 Wear Approved Protective Equipment.
- .4 Place placards in accordance with Transportation of Dangerous Goods Act.

1.18 Differential Pressure Monitoring

- .1 Provide and install differential pressure monitors as specified in each section.
- .2 Replace damaged or non-functional equipment at the request of the Abatement Consultant.
- .3 Record at minimum twice daily, and when damage to the enclosure is identified and repaired, the following information:
 - .1 Name of inspector.
 - .2 Date and time.
 - .3 Pressure reading.
 - .4 Repairs completed, if applicable.
- .4 Maintain specified differential pressure.
- .5 Stop contaminated work and take corrective action if pressure differential drops below the specified level. Notify the Abatement Consultant immediately.

1.19 Waste and Material Handling

- .1 Bins are not to be in the receiving loading dock during regular hours, Monday to Friday – 7am to 7pm.
 - .1 Bins are to be dropped off at the beginning of the shift and picked up by the end of the shift.
 - .1 Pick-up and drop off of bin must not interfere with the Owners operations.
 - .2 Loading dock is to be booked 5 business days in advance and approved by Owner.
- .2 All bins for hazardous materials must be covered and locked when waste transfer is not being performed.

- .3 Ensure redundant non-ACM, rubble, debris, etc. removed during contaminated work are treated, packaged, transported and disposed of as appropriate waste.
- .4 Clean, wash and apply Post Removal Sealant to metal waste prior to removal from Abatement Work Area. Recycle metals.
- .5 Clean, wash and apply Post Removal Sealant to non-porous materials prior to disposal as clean waste. Obtain prior written approval from the Abatement Consultant for each individual type of material.
- .6 Clean and wash equipment prior to removal from Abatement Work Area if removed prior to completion.
- .7 Place all equipment, tools and unused materials that cannot be cleaned in Abatement Waste Containers.
- .8 As work progresses, and at regular intervals, transport the sealed and labelled waste containers from the Abatement Work Area to waste bin.
- .9 Place items in bins according to waste classification. Place asbestos waste, lead waste, metals, non-asbestos waste, etc. in separate bins.
- .10 Removal of waste containers and decontaminated tools and materials from the Abatement Work Area shall be performed as follows:
 - .1 Remove any visible contamination from the surface of non-porous or cleanable waste being removed from the Abatement Work Area. If the item can be cleaned, remove it from the site as clean waste.
 - .2 Place waste or item in Waste Container and seal closed.
 - .3 Wet wipe outside of Waste Container.
 - .4 Within Decontamination Facility, Transfer Room or at the perimeter of the Abatement Work Area, place in second Waste Container. Seal closed.
 - .5 Remove waste containers and transport to appropriate bin.
- .11 Transport waste and materials via the predetermined routes and exits. Arrange waste transfer route with Owner. Use a closed, covered cart to transport through Occupied Areas.
- .12 Provide workers transporting waste with means to access full personal protective equipment and all tools required to properly clean up spilled material in the case of a rupture of a Waste Container.
- .13 Transport hazardous waste to landfill or waste transfer station licensed by the provincial Ministry of the Environment.

- .14 Cooperate with the provincial Ministry of the Environment inspectors and immediately carry out instructions for remedial work at dump to maintain environment, at no additional cost to the Owner.

1.20 Re-establishment of Objects and Systems

- .1 Re-establish electrical, communication, HVAC and other services previously disconnected or otherwise isolated to accommodate work by this Section.

PART 2 PRODUCTS AND FACILITIES

2.1 Materials and Equipment

- .1 Refer to the Sections identified in Related Work for specified materials, equipment or facilities specific to each phase or work area.
- .2 Materials and equipment must be in good condition and free of debris and fibrous materials. Disposable items must be of new materials only.
- .3 Airless Sprayer: AC powered pressure washer that allows wetting agent to mix with water, uses no air or compressed air, and has a nozzle to regulate power and pressure.
- .4 Amended Water: Water with wetting agent added for purpose of reducing surface tension to allow thorough wetting of materials.
- .5 Asbestos Waste Container: A container acceptable to disposal site, Ministry of the Environment, and Ministry of Labour, comprised of the following:
 - .1 Dust tight.
 - .2 Suitable for the type of waste.
 - .3 Impervious to asbestos.
 - .4 Identified as asbestos waste.
- .6 Differential Pressure Monitor: a high precision instrument for measuring and controlling pressure differences in the low range, between the Abatement Work Area and Occupied Area. Calibrate regularly to manufacturer's instructions.
- .7 Discharge Ducting: Polyethylene Tubing. Reinforced with wire. Diameter to equal negative pressure machine discharge. Not to be longer than required, or so long that negative pressure is compromised.
- .8 Ground Fault Panel: Electrical panel as follows:
 - .1 Ground fault circuit interrupters of sufficient capacity to power temporary electrical equipment and lights in Asbestos Work Area.
 - .2 Interrupters to have a 5 mA ground fault protection.

- .3 Necessary accessories including main switch disconnect, ground fault interrupter lights, test switch to ensure unit is working, and reset switch.
- .4 Openings sealed to prevent moisture or dust penetration.
- .5 Inspected by the Electrical Safety Authority.
- .6 Panel uses CSA approved parts and been constructed, inspected and installed by a licensed electrician.
- .7 Provide one Ground Fault Panel for each 5,000 square feet (500 square metres) of Abatement Work Area.
- .9 HEPA Filtered Negative Pressure Machine: Portable air handling system which extracts air directly from the Abatement Work Area and discharges the air to the exterior of the building. Equipped as follows:
 - .1 Prefilter and HEPA filter. Air must pass HEPA filter before discharge.
 - .2 Pressure differential gauge to monitor filter loading.
 - .3 Auto shut off and warning system for HEPA filter failure.
 - .4 Separate hold down clamps to retain HEPA filter in place during change of prefilter.
- .10 HEPA Vacuum: Vacuum with necessary fittings, tools and attachments. Discharged air must pass through a HEPA filter.
- .11 Hose: Leak-proof, minimum bursting strength of 500 PSI or greater if required, abrasion resistant covering, reinforcing, and machined-brass couplings. Maintained and tested. Hose to be temperature resistant if it is to carry domestic hot water.
- .12 Lead Waste Container: An impermeable container acceptable to disposal site and Ministry of the Environment, that is:
 - .1 Dust tight.
 - .2 Suitable for the type of waste.
 - .3 Evaluated for leachable lead content, and disposed of in accordance with applicable regulations.
 - .1 Where lead waste exceeds 5.0 mg/L of lead in the TCLP analysis, label as lead waste and dispose of as leachate toxic hazardous waste.
 - .2 Where lead waste is below 5.0 mg/L of lead in the TCLP analysis, disposed of as construction waste.
- .13 OSB: Oriented Strand Board.

- .14 Polyethylene Sheeting: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.
- .15 Post Removal Sealant (or Lockdown): Sealant that when applied to surfaces serves the function of trapping residual asbestos fibres or other dust. Product must have flame spread and smoke development ratings both less than 50. Product shall leave no stain when dry. Post Removal Sealant shall be compatible with replacement insulation or fireproofing where required and capable of withstanding service temperature of substrate. Apply to manufacturer's instructions.
- .16 Protective Clothing: Disposable coveralls complete with head covering and full body covering that fits snugly at the ankles, wrists and neck.
- .17 Rip-Proof Polyethylene Sheeting: 8 mil (0.20 mm) fabric made up from 5 mil (0.13 mm) weave and two (2) layers of 1.5 mil (0.05 mm) poly laminate or approved equal. In sheet size to minimize on-site seams and overlaps.
- .18 Shower Hose: Water lines for supply of hot & cold water to shower facilities to be rated for use at 200 PSI (1380 kPa) or twice the working pressure whichever is greater. Supply lines to be continuous and free of fittings, joints or couplings.
- .19 Sprayer: Garden type portable manual sprayer or water hose with spray attachment if suitable.
- .20 Tape: Duct tape or tape suitable for sealing polyethylene to surfaces under both dry and wet conditions in the presence of Amended Water.
- .21 Wetting Agent: Non-sudsing surfactant added to water to reduce surface tension and increase wetting ability.

PART 3 EXECUTION

- .1 Refer to the Sections identified in Related Work for specified procedures for work area preparation, maintenance, site dismantlement, application of lock-down agent and all other procedures for the safe handling, removal and clean-up of hazardous materials specific to each phase or work area.
- .2 All work in Related Work is to be completed in conjunction with required infection control procedures. Abatement site isolations specified in Related Work are in addition to, and independent of Infection Control Barriers.

END OF SECTION

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PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of asbestos-containing materials following Type 1 procedures, and Pinchin and Owner specific requirements. unless completed using higher risk classification.
- .3 Following methods of this Section to complete the following:
 - .1 Removal or disturbance of less than 1 square metre of drywall finishes with asbestos-containing drywall joint compound using non-powered hand-held tools.
 - .2 Removal or disturbance of firestop caulking, glazing butyl sealant, mastics and adhesives using non-powered hand tools.
 - .3 Patching and repairing drywall finishes with asbestos-containing drywall joint compound.

1.3 Personal Protection

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
 - .1 Provide non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters when requested by personnel.
 - .2 When requested by personnel, provide protective clothing.
- .2 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.4 Site Reviews

- .1 Refer to Part 1.13 Site Reviews in Section 02 81 00 Hazardous Materials - General Provisions.
- .2 The following Milestone Site Reviews are to be scheduled:
 - .1 Clean Site Preparation
 - .2 Bulk Removal
 - .3 Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00 Hazardous Materials - General Provisions.

PART 3 EXECUTION

3.1 Site Preparation

- .1 Moving of equipment, tools, supplies, and stored materials that can be performed without disturbing ACM will be performed by others.
- .2 Remove visible dust and friable material from all surfaces in the Abatement Work Area including those to be worked on, using HEPA Vacuums or wet wiping.
- .3 Install polyethylene drop sheets below areas of work.
- .4 Install barrier tape and signage in clearly visible locations around the perimeter of the abatement work area to adequately warn of an asbestos dust hazard.
- .5 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .6 Provide power from ground fault interrupt circuits.
- .7 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and diffusers and seal.
 - .2 HVAC to remaining areas of building must not be disrupted during work of this section.
 - .3 System shall remain inoperative until completion of work, unless ducts can be effectively capped.
 - .4 Perform work at scheduled times after shutting down HVAC systems affecting the Abatement Work Area.
- .8 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc.).

3.2 Maintenance of Abatement Work Area

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Maintain Abatement Work Area in tidy condition.
- .4 Remove any standing water on polyethylene/floor at the end of every shift.
- .5 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.3 Asbestos Removal - General

- .1 Do not use powered tools or non-hand held tools.
- .2 Do not use compressed air to clean or remove dust or debris.
- .3 Do not break, cut, drill, abrade, grind, sand or vibrate ACM if it cannot be wetted. Type 2 procedures would be required if the material cannot be wetted due to hazard or damage.
- .4 Wet ACM prior to work and keep ACM wet throughout the removal process.
- .5 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.

- .6 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .7 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.4 Asbestos Removal - Drywall with Asbestos Drywall Joint Compound (less than 1 square metre)

- .1 Protect drywall around area to be removed by covering with polyethylene and taping seams to wall.
- .2 Mist surface of drywall and drywall joint compound.
- .3 Cut drywall and remove using non-powered hand-held tools.
- .4 Place removed material directly into asbestos waste container.

3.5 Asbestos Removal - Firestop Caulking, Glazing Butyl Sealant, Mastics and Adhesives

- .1 Undo fasteners if necessary to remove material.
- .2 Remove non-asbestos materials as require to access ACM specified to be removed.
- .3 Break material only if unavoidable, and wet material if broken during work.
- .4 Use only non-powered hand-held tools to remove ACM.
- .5 Scrape to remove material adhered to substrate.
- .6 Place removed ACM directly into an asbestos waste container.

3.6 Patching and Repairing Drywall Finishes with Asbestos-Containing Joint Compound

- .1 Apply a coat of primer paint where patch or repair is to be completed. The primer paint should be a different colour than that of the existing drywall finish.
- .2 Apply tape and drywall compound skim coat.
- .3 Sand drywall skim coat with hand tools using the primer paint as a barrier (i.e. stop sanding if primer paint affected by sanding).

3.7 Abatement Work Area Dismantling

- .1 Wash or HEPA vacuum equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .2 Place tools and equipment used in contaminated work site but not cleaned in polyethylene bags prior to removal from Abatement Work Area.
- .3 Clean polyethylene sheeting and drop sheets which with HEPA vacuum or wet cleaning methods at completion of work.
- .4 Wet drop sheets and polyethylene sheeting.
- .5 Carefully roll polyethylene sheeting and drop sheets toward the centre. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .6 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.

3.8 Waste and Material Handling

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

3.9 Re-Establishment of Items

- .1 Upon completion of work enable building air handling systems and electrical power, as required.

END OF SECTION

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PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of asbestos-containing materials following Type 2 procedures, and Pinchin and Owner specific requirements, unless completed using higher risk classification.
- .3 Follow the methods of this Section to complete the following:
 - .1 Removing all or part of a ceiling to obtain access to a Work Area where asbestos-containing fireproofing is known or likely to be present.
 - .2 Removing asbestos-containing ceiling tiles without being broken, cut, drilled, abraded, ground sanded or vibrated.
 - .3 Disturbing drywall finishes with asbestos-containing drywall joint compound, greater than or equal to 1 square meter.
 - .4 Drilling, screwing or mechanically fastening into drywall finishes with asbestos-containing joint compound using HEPA filtered power tools.
 - .5 Disturbing plaster finishes, less than 1 square meter.
 - .6 Disturbing sprayed fireproofing, less than 1 square meter.
 - .1 Including residual sprayed fireproofing in pores on surface of concrete block shaft walls.

1.3 Personal Protection

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
- .2 Provide the following minimum respiratory protection to all personnel:
 - .1 Full face respirators with P100 high efficiency (HEPA) cartridge filters, for:
 - .1 Removal of all or part of a ceiling if asbestos-containing sprayed fireproofing is known or presumed present.
 - .2 Use of a HEPA filtered power tool on non-friable ACM if the material is not wetted.
 - .2 Non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.4 Site Reviews

- .1 Refer to Part 1.13 Site Reviews in Section 02 81 00 Hazardous Materials – General

Provisions.

- .2 The following Milestone Site Reviews are to be scheduled:

- .1 Clean Site Preparation
- .2 Contaminated Perimeter Preparation
- .3 Bulk Removal
- .4 Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

2.2 Hoarding Walls

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

2.3 Transfer Room

- .1 Transfer Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
 - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
 - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Transfer Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire Transfer Room.
- .4 Install one layer rip-proof polyethylene sheeting over roof.
- .5 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
- .6 Install a fire extinguisher, mount to wall.

2.4 Curtained Doorways

- .1 Construct as follows:
 - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Transfer Room.
 - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
 - .3 Install weights attached to bottom edge of each door flap.
 - .4 Provide direction arrows on flaps to indicate opening.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Moving of equipment, tools, supplies, and stored materials that can be performed without

- disturbing ACM will be performed by others.
- .2 Remove visible dust and friable material from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .3 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .4 Provide power from ground fault interrupt circuits.
- .5 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and diffusers and seal.
 - .2 HVAC to remaining areas of building must not be disrupted during work of this section.
 - .3 System shall remain inoperative until completion of work, unless ducts can be effectively capped.
 - .4 Perform work at scheduled times after shutting down HVAC systems affecting the Abatement Work Area.
- .6 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc.).

3.2 Site Preparation –Enclosure Required

- .1 Install polyethylene enclosure complete with Windows at Abatement Work Areas for the following work:
 - .1 Removal of friable asbestos-containing materials (less than 1 square metre).
 - .2 Removal of a ceiling (or part of) where asbestos-containing material is presumed or known to be present on the surface.
 - .3 Removing asbestos-containing ceiling tiles without being broken, cut, drilled, abraded, ground sanded or vibrated.
 - .4 Removing drywall finishes with asbestos-containing drywall joint compound, greater than or equal to 1 square metre.
 - .5 Removing plaster, less than one square metre.
 - .6 Disturbing drywall finishes with asbestos-containing drywall joint compound, using HEPA filtered power tools.
- .2 Install Transfer Room where duration of work is to last longer than one 8-hour shift.
- .3 Seal openings in floor using tape, caulking, polyethylene, etc. Floor openings are to be sealed independently prior to installation of floor polyethylene.
- .4 Install polyethylene sheeting on floors of Abatement Work Area. Use sufficient layers to provide adequate protection for carpeting and equipment.
 - .1 Minimum requirement over carpet is one layer of 6 mil polyethylene under one layer of rip-proof polyethylene.
 - .2 Cover floors first so that polyethylene on walls is overlapped by at least 305 mm.

- .5 Construct Type A Hoarding Walls between Abatement Work Area perimeter and occupied areas.
- .6 Install polyethylene sheeting at openings in walls (as required) and seal.
- .7 Provide a completely sealed polyethylene top for free standing enclosures.
- .8 Extend to underside of ceiling system, enclosures for access into ceilings. Enclosure may be supported from the ceiling system if ceiling can support the polyethylene.
- .9 Install one layer of rip-proof polyethylene sheeting from top of ceiling to underside of deck.
- .10 Install Curtained Doorways.
- .11 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area.
- .12 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .13 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Provide sufficient HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 20 minutes.
 - .2 Provide additional HEPA filtered negative pressure machines as required to ensure air flow from Occupied Area into Abatement Work Area.
 - .3 Arrange negative air units to maximize the distance between units and decontamination facilities.
 - .4 Provide weighted flaps in perimeter Hoarding Walls as necessary to provide make-up air.
 - .5 Operate HEPA filtered negative pressure machines continuously from first disturbance of ACM until completion of dismantling.
 - .6 Replace prefilters to maintain specified flow rate.
 - .7 Replace HEPA filter as required to maintain flow rate and integrity of unit.
- .14 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Use HEPA Vacuum.
 - .2 Insert vacuum hose into enclosure, leave HEPA vacuum outside enclosure. Provide enough hose to reach all areas of enclosure.
 - .3 Operate HEPA vacuum continuously at all times when ACM may be disturbed.
- .15 Place required tools to complete the abatement with the Abatement Work Area.
- .16 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.

3.3 Site Preparation – No Enclosure Required

- .1 Install caution tape around work area where existing walls are not present.
- .2 Cover walls, floors, finishes, millwork, equipment and furnishings remaining in the Abatement Work Area with polyethylene sheeting before disturbing ACM to control the spread of dust.
- .3 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area.

- .4 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .5 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .6 Place HEPA vacuum in Abatement Work Area.
- .7 Place required tools to complete the abatement with the Abatement Work Area.

3.4 Maintenance of Abatement Work Area

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.5 Asbestos Removal - General

- .1 Do not use compressed air to clean or remove dust or debris.
- .2 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .3 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .4 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.6 Asbestos Removal – Spray Applied Insulations (less than 1 Square Metre)

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Remove ceiling system, as required, to complete the work.
 - .1 HEPA vacuum ceiling tiles and store for reinstallation.
 - .2 HEPA vacuum and wet wipe ceiling tile grid where ceiling tile(s) have been removed.
- .3 Adequately wet exterior of the ACM with amended water to suppress dust.
- .4 Scrape wetted ACM directly into asbestos waste containers. Do not allow ACM to fall to the floor of the enclosure.
- .5 Clean all surfaces from which ACM has been removed with scrapers, scouring pads, vacuuming or wet-sponging, etc. to remove all visible material after completion of removal of ACM.
- .6 Remove visible dust and debris.
- .7 HEPA vacuum or wet clean the entire Abatement Work Area, including any surfaces not

covered with polyethylene sheeting. Any materials removed to access ACM that are to be re-used, and any abatement equipment, must be wet cleaned or HEPA vacuumed prior to completion.

- .8 Apply Post Removal Sealant to all surfaces within the Abatement Work Area including those from which ACM has been removed.
- .9 Re-establish ceiling systems prior to dismantling the Abatement Work Area.

3.7 Ceiling Tile Removal for Ceiling Entry where Asbestos-Containing Fireproofing is Present

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Slightly lift first tile, HEPA vacuum the ceiling grid the perimeter of tile.
- .3 Lift tile vertically, and while keeping level, slide tile over to adjacent tile.
- .4 HEPA vacuum back of all tiles within reach.
- .5 Mist surface of ceiling tiles with amended water.
- .6 Carefully remove HEPA vacuumed ceiling tiles from grid. Do not break tiles or allow to fall to floor.
- .7 Repeat Items .4 to .6 until all required ceiling tiles have been cleaned and removed.
- .8 Remove visible dust and debris including on grid, ceiling tiles and accessible items within reach.
- .9 Wet clean or HEPA vacuum Abatement Work Area, including any surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be vacuumed prior to reinstatement.
- .10 Re-establish ceiling systems and reinstall tiles.

3.8 Removal of Solid Ceiling for Ceiling Entry where Asbestos-Containing Fireproofing is Present

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Mist the ceiling to be removed with amended water.
- .3 Remove ceiling using non-powered hand-held tools. Place directly into polyethylene waste bag, or sealed container until at waste bin.
- .4 Remove all screws and fasteners in studs or strapping.
- .5 Remove studs and strapping where specified. Clean metal studs and remove from Abatement Work Area.
- .6 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

3.9 Asbestos Removal –Asbestos-Containing Ceiling Tiles

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required* when removing any amount of ceiling tile
- .2 Slightly lift first tile, HEPA vacuum the ceiling grid the perimeter of tile.

- .3 Lift tile vertically, and while keeping level, slide tile over to adjacent tile.
- .4 HEPA vacuum back of all tiles within reach.
- .5 Mist surface of ceiling tiles with amended water.
- .6 Remove ceiling tiles intact. Do not break or pulverize.
- .7 Place directly into asbestos waste container.
- .8 Repeat items .3 to .7, until all required ceiling tiles are removed.
- .9 Remove visible dust and debris including at grid.
- .10 Remove ceiling grid and support system and dispose of as clean waste where specified to be removed by others.
- .11 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting (i.e. ceiling grid).
- .12 Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

3.10 Drilling, Screwing or Mechanically Fastening into Drywall Finishes with Asbestos-Containing Joint Compound using HEPA Filtered Power Tools

- .1 Use the procedures described above under *Section 3.3 Site Preparation –No Enclosure Required*.
- .2 Wet all material to be disturbed.
- .3 Attach power tool, with appropriate shroud, to the HEPA vacuum.
- .4 Turn on HEPA vacuum. Vacuum to remain operation throughout work.
- .5 Fasten specified material to drywall using the power tool with HEPA attachment.
- .6 Disconnect power tool from HEPA vacuum, and HEPA vacuum tool and bit, blade, etc., and shrouds.
- .7 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting.

3.11 Asbestos Removal – Plaster (less than 1 square metre)

- .1 Use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Protect plaster around area to be removed by covering with polyethylene and taping seams to wall.
- .3 Mist the plaster to be cut with water.
- .4 Cut plaster and remove using non-powered hand-held tools. Place directly into polyethylene waste bag, or sealed container until at waste bin.
- .5 Remove studs and strapping where specified. Clean metal studs and remove from Abatement Work Area.
- .6 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

3.12 Asbestos Removal - Drywall with Asbestos Drywall Joint Compound (greater than or equal to 1 square metre)

- .1 Use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Protect drywall around area to be removed by covering with polyethylene and taping seams to wall.
- .3 Mist the drywall and drywall joint compound to be cut with amended water.
- .4 Cut drywall and remove using non-powered hand-held tools. Place directly into polyethylene waste bag, or sealed container until at waste bin.
- .5 Remove all screws and fasteners in studs or strapping.
- .6 Remove studs and strapping where specified. Clean metal studs and remove from Abatement Work Area.
- .7 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

3.13 Application of Post Removal Sealant

- .1 Apply one coat of Post Removal Sealant with an airless sprayer, in accordance with Manufacturer's Instructions, to cover all surfaces on all items in the Abatement Work Area, including but not limited to polyethylene, ACM substrate, structural steel, and surfaces scheduled for demolition.
- .2 Do not apply post removal sealant to materials that will be damaged by its application.

3.14 Abatement Work Area Dismantling

- .1 Wash or HEPA vacuum equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .2 Place tools and equipment used in contaminated work site but not cleaned in polyethylene bags prior to removal from Abatement Work Area.
- .3 Clean polyethylene sheeting and drop sheets which with HEPA vacuum or wet cleaning methods at completion of work.
- .4 Wet drop sheets and polyethylene sheeting.
- .5 Carefully roll polyethylene sheeting and drop sheets toward the centre of enclosure. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .6 Remove remaining polyethylene sheeting and tape, and dispose of as asbestos waste.
- .7 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.
- .8 Remove remaining site isolation, seals, tape, etc.
- .9 Remove Transfer Room.
- .10 Remove seals, tape, Signage etc.
- .11 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .12 Seal openings in HEPA vacuums.
- .13 Remove HEPA vacuums.

- .14 Remove temporary lights.
- .15 Remove ground fault panels.
- .16 Place contaminated materials including polyethylene sheeting, drop sheets, seals, tape, disposable coveralls, and other contaminated waste in asbestos waste containers.

3.15 Waste and Material Handling

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

3.16 Re-Establishment of Items

- .1 Upon completion of work:
 - .1 Move items that were removed from Abatement Work Area prior to work, back into same location within Abatement Work Area.
 - .2 Remove and disconnect Ground fault Panel, tags and locks from electrical panels and re-energize equipment and items.
 - .3 Clean, mop and vacuum floors beneath Abatement Work Area and Transfer Rooms.
 - .4 Enable building air handling systems.

END OF SECTION

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PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of asbestos-containing materials following Type 3 procedures, and Pinchin and Owner specific requirements.
- .3 Follow the methods of this Section to complete the following:
 - .1 Removing plaster, greater than or equal to 1 square meter.
 - .2 Removing non-friable asbestos-containing materials using power tools that are not equipped with a HEPA attachment.
 - .3 Removing asbestos-containing sprayed fireproofing, including overspray, dust and debris, greater than or equal to 1 square meter.
 - .4 Removing and/or cleaning rigid ductwork and air handling equipment.
 - .1 Clean interior and exterior of ductwork to an arm's length where new ductwork is to tie into existing ductwork.

1.3 Personal Protection

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
- .2 Provide the following respiratory protection to all personnel:
 - .1 Full Face Air Purifying Respirators with P100 high efficiency (HEPA) cartridge filters during projects when performing wet abatement of sprayed applied surfacing materials containing chrysotile asbestos, or wet abatement of other non-surfacing asbestos-containing material specified in this section.
 - .2 Non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters for:
 - .1 Removing visible dust and friable material from surfaces in the work area prior to construction of enclosure.
 - .2 Dismantling of Type 3 enclosures, using Type 2 Procedures.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.4 Differential Pressure Monitoring

- .1 Install differential pressure monitor at a location acceptable to the Abatement Consultant.
- .2 Co-operate with the Abatement Consultant in collection of pressure monitoring data.

- .3 Maintain specified differential pressure at monitoring location. Negative air pressure is to be -0.02 inches of water, relative to the area outside the enclosed area.

1.5 Site Reviews

- .1 Refer to Part 1.13 Site Reviews in Section 02 81 00 Hazardous Materials – General Provisions.
- .2 The following Milestone Site Reviews are to be scheduled:
 - .1 Clean Site Preparation
 - .2 Contaminated Perimeter Preparation
 - .3 Bulk Removal
 - .4 Visual Clearance
 - .5 Clearance Sampling
 - .6 Dismantling

PART 2 PRODUCTS AND FACILITIES

2.1 Materials and Equipment

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

2.2 Hoarding Walls

- .1 Type B Hoarding Wall: 38 mm x 89 mm wood or metal studs at 400 mm o/c with continuous sill and top plate, covered with one layer of rip-proof polyethylene sheeting on each side of wall.
- .2 Windows: Install sufficient transparent windows in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

2.3 Decontamination Facilities

- .1 Workers' Decontamination Facility: A decontamination facility comprised of three linked rooms, Contaminated Change Room, a Shower Room, and a Clean Change Room.
 - .1 Rooms, Occupied Areas and Abatement Work Areas, shall be separated by curtained doorways at each door.
- .2 Contaminated Change Room: Room between Shower Room and Abatement Work Area.
 - .1 Locate on contaminated side of Shower Room.
 - .2 Install asbestos waste container for asbestos contaminated protective clothing.
 - .3 Install storage facilities for any personal protective equipment to be reused in Abatement Work Area including boots, hard hats, etc., but excluding respirators.
 - .4 Install hooks and shelves as required for personal protective equipment.
 - .5 Minimum size of generally 2 m x 2 m. Increase size accordingly to accommodate number of workers.
- .3 Shower Room: Room between Clean Change Room and Contaminated Change Room.
 - .1 Install one walk through shower unit for every six workers.
 - .2 Install constant supply of hot and cold water, controllable at each shower. Water supply must be sufficient to provide water at a minimum temperature of 40

- degrees Celsius (maximum 50 degrees) in a volume required for all workers to properly decontaminate.
- .1 Install individual hot and cold shut-off valves on water supply located on clean side of Shower Room. Connect shower to these valves.
 - .2 Install individual controls inside the shower to regulate water flow and temperature.
 - .3 Install rigid piping or Shower Hose with watertight connections for supply and drains.
 - .4 Install a sealed drip pan under and around the showers, 150 mm deep.
 - .5 Install sump pumps, sufficient for volume of waste shower water from showers and drip pan. Direct waste shower water to sanitary drains.
 - .6 Install ground fault protected power switch on clean side of shower for sump pumps, or timed for shut off.
 - .7 Provide adequate quantity of soap, shampoo, clean towels
 - .8 Install an Asbestos Waste Container for disposal of used respirator filters, on the contaminated side of the Shower Room.
- .4 Clean Change Room: A room between the Shower Room and Occupied Areas.
- .1 Install hooks and shelves on clean side of shower in clean Change Room for storage of respirators.
 - .2 Install lockers or hangers for workers' street clothes and personal belongings.
 - .3 Install hose bib on domestic cold-water pipe for connection on clean side of Abatement Work Area.
 - .4 Install electric hot water tank for showers in decontamination facility, if sufficient hot water is not available from Client supply.
 - .5 Provide ground fault protected power supply to hot water tanks, sump pump, battery chargers.
 - .6 Install a fire extinguisher, mount to wall.
 - .7 Minimum size of generally 2m x 2m. Increase size accordingly to accommodate number of workers.
- .5 Waste and Equipment Decontamination Facility: Waste and Equipment Decontamination Facility comprised of three linked rooms: a Container Cleaning Room, a Holding Room and a Transfer Room.
- .1 Purpose of Waste and Equipment Decontamination Facility is to provide a means to decontaminate asbestos waste containers, scaffolding, vacuums, and other tools and equipment and materials required in the Abatement Work Area.
 - .2 Rooms, Occupied Areas and Abatement Work Areas, shall be separated by curtained doorways at each door.
- .6 Container Cleaning Room: Room between Abatement Work Area and Holding Room of sufficient size to allow proper washing of equipment and waste containers or double bagging of asbestos waste. All wash water shall be treated as asbestos contaminated waste.
- .7 Holding Room: Room between Container Cleaning Room and Transfer Room, of sufficient size to accommodate at least two asbestos waste containers and two workers double bagging waste, or for largest item of equipment used.
- .1 Install a fire extinguisher mounted to wall.

- .8 Transfer Room: Room between Holding Room and Occupied Area, acting as an air lock for the transfer of waste.
- .9 Construction of Decontamination Facilities
 - .1 Install floor protection as follows:
 - .1 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire decontamination facility.
 - .2 Turn 600 mm of polyethylene up the sides of the decontamination facility and overlap with the polyethylene sheeting covering the walls.
 - .3 Install plywood with taped and caulked joints between layers of 6 mil polyethylene where required to protect surfaces from water damage (e.g. carpet).
 - .2 Install walls as follows:
 - .1 Around all rooms, between all rooms, at entrance to Abatement Work Area and at entrance to Occupied Area.
 - .2 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
 - .3 Install one layer rip-proof polyethylene sheeting on interior walls of Decontamination Facility.
 - .4 Install one layer rip-proof polyethylene sheeting both sides on interior dividing walls of Decontamination Facility.
 - .5 Install one layer rip-proof polyethylene sheeting over one layer of 6 mil polyethylene sheeting on walls exposed to the Abatement Work Area.
 - .3 Install roof as follows:
 - .1 Install joists. Size of joists is to be determined by clear span. Consult Provincial Building Code. For clear spans up to 2850 mm use SPF Select 38 x 140 mm wood joist at 400 mm o/c with continuous 38 x 140 mm wood headers, and install strapping beneath joists.
 - .2 At the Contaminated Change Room and where roof is exposed to the Abatement Work Area, install 19 mm plywood or OSB over joists. Caulk and tape joints and install one layer rip-proof polyethylene sheeting over 2 layers of 6 mil polyethylene sheeting.
 - .3 Where roof is not exposed to the Abatement Work Area, install one layer rip-proof polyethylene sheeting over joists.
 - .4 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
 - .5 At underside of joists in all rooms, install one layer of polyethylene sheeting.
 - .6 Minimum interior clear height 2000 mm to underside of joist.
- .10 Curtained Doorways
 - .1 Construct as follows:
 - .1 Install two flap doors, full width and height of door opening at all doors between chambers, facilities and Abatement Work Area.
 - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.

- .3 Install weights attached to bottom edge of each door flap.
- .4 Provide direction arrows on flaps to indicate opening.

PART 3 EXECUTION

3.1 Clean Site Preparation

- .1 Moving of equipment, tools, supplies, and stored materials that can be performed without disturbing ACM will be performed by others.
- .2 Remove visible dust and friable material from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping using Type 2 Procedures.
- .3 Install Type B Hoarding Walls between Abatement Work Area and Occupied Area.
- .4 Install Decontamination facilities.
- .5 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area.
- .6 Seal openings in walls below ceiling level using polyethylene, tape, caulking, etc. including but not limited to windows, doors, vents, diffusers, etc.
- .7 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting, on floor surfaces in Abatement Work Area.
 - .1 Install additional layers of rip-proof polyethylene and/or plywood to protect carpeted floor surfaces.
 - .2 Extend floor protection a minimum of 300 mm up all vertical surfaces in the Abatement Work Area.
- .8 On walls within and forming the perimeter of the Abatement Work Area install two layers of 6 mil polyethylene sheeting.
 - .1 At junction of floor and wall surface overlap floor polyethylene with wall polyethylene by a minimum of 300 mm at each layer. One layer of wall polyethylene must always overlap the top layer of floor polyethylene.
- .9 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Discharge HEPA filtered negative pressure machines as follows:
 - .1 To building exterior.
 - .1 Remove existing glazing where necessary and replace with a 19 mm plywood panel.
 - .2 Install panel securely on the exterior side of the window frame and make weather-tight with caulking.
 - .3 For each negative pressure unit, provide a 300 mm diameter, duct opening through panel.
 - .4 Cover duct opening with wire screen and/or chicken wire or extruded metal screen to prevent insect and animal entry.
 - .5 Direct discharge away from building access points.
 - .6 Store glazing for reinstallation upon completion of work.
 - .2 Use polyethylene discharge ducting or metal reinforced polyethylene discharge ducting in the construction area.
 - .3 Use metal rigid ducting in Occupied areas.
 - .4 Install and make airtight all negative air discharge ducting.

- .5 Discharge ducting is not to be longer than required, and to be straight, so that the length of the ducting does not reduce the flow from negative pressure machines.
- .6 Discharge ducting route in Occupied areas to be approved by Owner prior to installation.
- .10 Install Ground Fault Panel.
- .11 Install temporary lighting in all work areas at levels that will provide for a safe and efficient use of the work area.
- .12 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .13 Install hose bib on domestic cold-water pipe for connection of hoses for wetting.
 - .1 Install hoses with watertight connections and airless sprayers to wet asbestos-containing materials.
- .14 Perform clean demolition of non-asbestos materials as specified.
- .15 Notify Abatement consultant Milestone Site Review - Clean Site Preparation. Obtain written approval for this Milestone Site Review before proceeding.
- .16 Install signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .17 Post Ministry of Labour Notice of Project/Notice of Asbestos Removal.

3.2 Contaminated Perimeter Preparation

- .1 Perform the following using Type 3 procedures including using the required personal protective equipment specified.
 - .1 Shut down HVAC systems serving the Abatement Work Area.
 - .2 Cut and cap main supply and return ducts where they enter the Abatement Work Area.
 - .1 Perform during Quiet Hours after shutting down HVAC systems affecting the Abatement Work Area.
 - .2 Clean interior and exterior of ductwork to an arm's length where new ductwork is to tie into existing ductwork.
 - .3 Cut and cap ducts as close as possible to perimeter of Abatement Work Area. Cap with metal of gauge equal to existing duct sheet metal. Seal seams of cap with duct sealant, tape and polyethylene sheeting. Smoke test seal after system is reactivated. Reseal and retest as required.
 - .4 Re-activate HVAC system.
 - .3 Remove ceiling including grids, support and channels, or other obstructions around perimeter of Abatement Work Area. Remove ceilings in sections equal to the containment preparation work that can be performed in one shift.
 - .4 To complete:

- .1 Where required, remove top course of block at masonry walls if ACM is present above wall. HEPA vacuum to remove any debris on top of wall and in cavity. Immediately install one layer of rip-proof polyethylene over one layer of 6 mil polyethylene sheeting extending from below ceiling to top of wall, and over top to cover cavity. Do not allow asbestos-containing material to fall down block cavities.
- .2 Remove drywall from walls/partitions from deck to 12" below at perimeter stud walls. HEPA vacuum to remove any debris where present. Immediately install one layer of rip-proof polyethylene over one layer of 6 mil polyethylene sheeting extending from below ceiling to top of wall, and over top to cover cavity. . Remove top plate from deck. Do not allow asbestos-containing material to fall down wall cavities.
- .3 Install a layer of 6 mil polyethylene on all drywall at upper perimeter, above ceiling after cleaning of overspray or dust from wall.
- .4 Carefully wet asbestos-containing sprayed fireproofing and remove, from deck and beams along the upper perimeter of the Abatement Work Area, a line of asbestos 300 mm wide to allow for installation of upper perimeter seal.
- .5 Install upper perimeter seal from front of wall to deck above using one layer of rip-proof polyethylene sheeting. Seal completely.
- .5 Seal any remaining holes in existing perimeter walls, columns, deck, etc. exposed by removal of tile at perimeter of Abatement Work Area.
- .6 Notify Abatement Consultant to the need for Milestone Site Review - Contaminated Perimeter Preparation.

3.3 Contaminated Site Preparation

- .1 Perform the following using Type 3 procedures including using the required personal protective equipment specified.
 - .1 Remove lenses from light fixtures.
 - .2 Remove light fixtures and associated electrical supply cable back to the junction box.
 - .3 Remove diffusers and flex duct back to rigid ducts.
 - .4 Cap openings in dormant rigid ductwork with equal gauge metal and duct sealant.
 - .5 Remove ceiling mounted items specified to be turned over to Owner or dispose.
 - .6 Remove remaining ceiling tiles, grid and hangers.
 - .7 Remove remaining plaster and lath ceilings including grid, channels, hangers and supports.
 - .8 Remove remaining drywall ceilings including grid, channels, hangers and supports.
 - .9 Cut hangers as close to deck as possible.
 - .10 Clean and seal holes or penetrations in deck, ducts, etc. when exposed by ceiling removal.
 - .11 Reinstall temporary lighting previously supported by ceiling system.
 - .12 Temporarily support all existing electrical and mechanical services and items supported by the ceiling systems, that are not scheduled to be removed.

- .13 Clean and protect electrical systems in the Abatement Work Area with polyethylene and tape. Include all communication, coaxial, triaxial, fire and public address systems, wiring, conduit, speakers, heat and smoke detectors, alarms, exit lights, junction boxes, etc.
 - .1 Mark/tag any items within or passing through the Abatement Work Area that are to remain live.
- .14 For HVAC systems to remain active within the Abatement Work Area, perform the following:
 - .1 Remove insulation from exterior of duct.
 - .2 Clean outside and seal duct or equipment with one layer of rip-proof polyethylene sheeting over one layer of 6 mil polyethylene sheeting so as to make air tight.
 - .3 Seal HVAC systems while deactivated.
 - .4 Seal seams of cap and duct with duct sealant, tape and polyethylene sheeting. Smoke test seal after system is reactivated. Reseal and retest as required.
 - .5 Include in this preparation all active ductwork and equipment presently insulated with asbestos-containing products.
 - .6 Smoke test seals regularly and maintain.
- .15 Remove column enclosures to the extent specified.
 - .1 Caulk joint and any cracks in the slab at base of column with 2 hour fire rated caulking.
 - .2 Install layers of polyethylene sheeting to match floor adjacent.
- .16 Remove all ducts specified to be removed.
- .17 Remove ducts as required to access sprayed fireproofing. Clean and store ducts. Reinstall these ducts at completion of work. Cost to be included under work of this section.
- .18 Notify Abatement Consultant to the need for Milestone Site Review - Contaminated Perimeter Preparation.

3.4 Maintenance Of Contaminated Abatement Work Area

- .1 Inspect Abatement Work Area at the beginning and end of each working period and once on each day work does not take place. Inspection must be performed by competent person.
- .2 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .3 Perform Differential Pressure Monitoring on a frequent basis and record pressure at start and end of shift at a minimum.
- .4 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .5 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .6 Maintain Abatement Work Area in tidy condition.
- .7 Remove waste and debris frequently.

- .8 Remove standing water on polyethylene/floor at the end of every shift.
- .9 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.
- .10 Turn off water supply to showers, at the end of every shift.
- .11 Ensure shower pans are pumped out at the end of every use and shift.

3.5 Wet Removal

- .1 Do not use compressed air to clean or remove dust or debris.
- .2 Remove and dispose of remaining non-asbestos items before, during or after wet removal.
- .3 Spray asbestos-containing materials with Amended Water using airless spray equipment prior to removal. Saturate ACM to prevent release of airborne fibres during removal.
- .4 Remove asbestos-containing spray materials required to be removed, clean substrate.
 - .1 Fully saturated ACM may be scraped directly into waste containers or may be allowed to fall to floor.
 - .2 ACM cannot be allowed to fall from one level to the next.
- .5 Spray asbestos-containing plaster with Amended Water using airless spray equipment.
- .6 Remove asbestos-containing plaster specific to be removed, including substrate and supports.
- .7 Remove obstructions as required to remove the ACM.
 - .1 Notify Abatement Consultant if item is not specified to be removed and inhibits removal of ACM.
 - .2 Do not demolish any existing walls etc. that form the perimeter of the Abatement Work Area without prior written permission from Abatement Consultant.
- .8 All dislodged ACM shall be maintained in wet state until placed in asbestos waste containers for disposal.
- .9 As work progresses, and at regular intervals, place waste in asbestos waste containers and remove from the Abatement Work Area.
- .10 After completion of gross asbestos removal work, perform the following:
 - .1 Wet clean surfaces from which ACM has been removed with stiff bristle brushes, vacuums, wet-sponges etc. to remove all visible residue and asbestos-containing materials.
 - .2 Wet clean surfaces which ACM has fallen on using stiff bristle brushes, vacuums, wet-sponges etc. to remove all visible residue and asbestos-containing materials
 - .3 Wet clean other surfaces in the Abatement Work Area, including the decontamination facilities, scaffolding, equipment, polyethylene sheeting on floor and walls surfaces etc., ducts and similar items not covered with polyethylene sheeting.
 - .4 Remove wash water as contaminated waste.
 - .5 Remove waste.
 - .6 Level of cleanliness must be acceptable to Abatement Consultant.

- .7 Remove and dispose of the pre-filters from all negative air units as asbestos-contaminated waste.

- .11 Notify Abatement Consultant to the need for Milestone Site Review - Visual Clearance.

3.6 Application Of Post Removal Sealant

- .1 Obtain Abatement Consultant's written permission to proceed.
- .2 Apply one coat of Post Removal Sealant with an airless sprayer, in accordance with Manufacturer's Instructions, to cover all surfaces on all items in the Abatement Work Area, including but not limited to polyethylene, ACM substrate, structural steel, and surfaces scheduled for demolition.

- .1 Do not apply post removal sealant to materials that will be damaged by its application.

- .3 Notify Abatement Consultant to the need for Milestone Site Review – Clearance Sampling.

3.7 Air Clearance Monitoring

- .1 Site must be dry prior to Air Clearance Monitoring.
- .2 The number of Air Clearance Monitoring samples will be as follows:
 - .1 2 samples for less than 10 square metres.
 - .2 3 samples for 10 to 500 square metres.
 - .3 5 samples for more than 500 square metres.
- .3 Restrict access to Abatement Work Area and operate negative air units for a 12 hour period prior to Milestone Site Review – Clearance Sampling.
- .4 The HEPA filtered negative pressure machines shall be in operation during clearance air monitoring.
- .5 Abatement Work Area must be dry prior to proceeding with Air Clearance Monitoring.
- .6 Immediately prior to air clearance monitoring, Abatement Consultant will use a leaf blower to dislodge loose fibre.
 - .1 Leaf blower will be directed against walls, ceilings, floors, and other surfaces.
 - .2 Perform this for at least five minutes per 1,000 sq. ft. of Abatement Work Area.
- .7 PCM samples will be collected as per Air Monitoring – Asbestos on Section 02 81 00 Hazardous Materials – General Provisions.

3.8 Abatement Work Area Dismantling

- .1 Use Type 2 worker precautions during dismantling.
- .2 Operate negative air units during dismantling.
- .3 Polyethylene, tape, cleaning material, etc. to be treated as asbestos waste.
- .4 Wash remaining equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .5 Clean Abatement Work Area, Equipment and Access area, and Decontamination Facilities.

- .6 Remove upper seals, and seals over tops of walls, on deck, at columns, etc. within the Abatement Work Area.
- .7 Remove polyethylene sheeting.
- .8 Remove water hoses and shut off at source.
- .9 Remove Signs, Hoarding Walls, and Decontamination Facilities.
- .10 Seal vacuum hoses and fittings, flexible ductwork and all tools used in contaminated work site in 6 mil polyethylene bags prior to removal from Work Area.
- .11 Remove temporary lights.
- .12 Remove negative air unit prefilters. Dispose of as asbestos contaminated waste.
- .13 Remove HEPA filtered negative pressure machines and discharge ducting.
- .14 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .15 Notify Abatement Consultant to the need for Milestone Site Review– Dismantling.

3.9 Waste and Material Handling

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

3.10 Re-Establishment of Items

- .1 Upon completion of work:
 - .1 Remove and disconnect Ground fault Panel, tags and locks from electrical panels and re-energize equipment and items.
 - .2 Remove hose bibs installed and repair pipe.
 - .3 Remove negative air discharge panel and reinstall glazing to match existing.
 - .4 Reinstall ducts removed to perform cleaning of ducts or to access ACM.
 - .5 Clean, mop and vacuum Abatement Work Area and area beneath Decontamination Facilities.

END OF SECTION

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PART 1 GENERAL

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of lead-containing materials following Class 1 procedures, and Pinchin and Owner specific requirements, unless completed using higher risk classification.
- .3 Comply with requirements of this Section when performing following Work:
 - .1 Removal of lead-containing surface coatings with a chemical gel, stripper or paste.
 - .2 Removal of materials coated with lead-containing surface coatings, using non-powered hand tools, where the materials remain primarily intact, and is not crumbled, pulverized or powdered.
 - .3 Removal of lead sheeting.

1.3 Instruction and Training

- .1 Provide instruction and training to all workers including the following:
 - .1 Hazards of lead.
 - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
 - .1 Limitations of equipment.
 - .2 Inspection and maintenance of equipment.
 - .3 Proper fitting of equipment.
 - .4 Disinfecting and cleaning of equipment.
 - .3 Personal hygiene to be observed when performing the work.
 - .4 The measures and procedures prescribed by this section including decontamination of the worker.
 - .5 Instruction and training must be provided by a competent person.

1.4 Personal Protection

- .1 Provide non-powered half-face respirators with P100 high efficiency cartridge filters when requested by personnel.
- .2 Provide protective clothing, when requested by personnel, entering the Abatement Work Area, including:

- .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
 - .1 Dust impermeable gloves appropriate for the work being completed.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.5 Site Reviews

- .1 Refer to Part 1.13 Site Reviews in Section 02 81 00 Hazardous Materials – General Provisions.
- .2 The following Milestone Site Reviews are to be scheduled:
 - .1 Clean Site Preparation
 - .2 Bulk Removal Inspection
 - .3 Milestone Inspection - Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
 - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .2 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .3 Remove visible dust from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .4 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .5 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
 - .1 Ensure safe installation of electrical lines and equipment.
- .6 Do not use compressed air to clean or remove dust or debris.
- .7 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .8 Frequently and at regular intervals, place all waste in waste containers.
- .9 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.2 Site Preparation – No Enclosure Required

- .1 Isolate Abatement Work Area with barrier tape.
- .2 Protect floor surfaces covered from wall to wall with polyethylene sheets.
- .3 Maintain Abatement Work Area in tidy condition.
- .4 Remove waste and debris frequently.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.3 Lead-Containing Paint Abatement

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.
- .2 Removal methods minimizing dust generation should be used wherever possible.
 - .1 Wet methods are to be used to reduce dust generation.
 - .2 Wetting agents should be used where possible.
 - .3 Wet methods are not to be used if it creates a hazard or cause damage to equipment or to project.
- .3 Provide drop sheets below all lead operations that may produce dust, chips or debris containing lead.
- .4 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .5 Remove lead-containing paint in small sections and pack as it is being removed in sealable lead waste containers.
- .6 Follow manufacturer's instructions for all use of chemical gels, strippers and pastes.
 - .1 Ensure agent neutralizers, where required, are applied.
 - .2 Do not use chemical gels, strippers or pastes on surfaces where they are scheduled to be repainted, and the material affect the new paint application.
- .7 After completion of stripping work, wire brush and wet sponge surface from which lead based paint has been removed to remove visible material. During this work keep surfaces wet.
- .8 After wire brushing and wet sponging to remove visible lead-containing paint, wet clean entire work area, and equipment used in process.
 - .1 Compressed air or dry sweeping not be used to clean up lead-containing dust or waste.
 - .2 Ensure all waste is cleaned and packaged.
- .9 Seal filled containers. Clean external surfaces thoroughly by wet sponging. Remove from immediate working area to staging area. Clean external surfaces thoroughly again by wet sponging. Wash containers thoroughly pending removal to outside.

3.4 Removal of Materials Coated with Lead-Containing Surface Coatings

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.

- .2 Protect around area to be removed by covering with polyethylene and taping seams to wall.
- .3 Mist surface with amended water for dust suppression.
- .4 Remove materials using non-powered hand-held tools. Place directly into a 6 mil polyethylene bag.
- .5 HEPA vacuum floor and Abatement Work Area.

3.5 Removal of Lead Sheeting

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.
- .2 Lead sheeting should be removed and recycled in appropriate programs.

3.6 Waste Management and Disposal

- .1 Per Section 02 81 00 Hazardous Materials – General Provisions.

3.7 Final Cleaning

- .1 Remove polyethylene sheet by rolling it away from walls to centre of work area. Vacuum visible lead containing particles observed during cleanup, immediately, using HEPA vacuum.
- .2 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and sealed labelled waste containers for transport.
- .3 Conduct final check to ensure no dust or debris remains on surfaces as result of dismantling operations.

END OF SECTION

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PART 1 GENERAL

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of Division 1 and the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of lead-containing materials following Class 2 procedures, and Pinchin and Owner specific requirements, unless completed using higher risk classification.
- .3 Comply with requirements of this Section when performing following Work:
 - .1 Removal of lead-containing paint using power tools with an effective dust collection system equipped with HEPA filter.
 - .2 Demolition of plaster or other building components that crumble, pulverize or powder and are covered with lead-containing surface coating.

1.3 Instruction and Training

- .1 Provide instruction and training to all workers including the following:
 - .1 Hazards of lead.
 - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
 - .1 Limitations of equipment.
 - .2 Inspection and maintenance of equipment.
 - .3 Proper fitting of equipment.
 - .4 Disinfecting and cleaning of equipment.
 - .3 Personal hygiene to be observed when performing the work.
 - .4 The measures and procedures prescribed by this section including decontamination of the worker.
 - .5 Instruction and training must be provided by a competent person.

1.4 Personal Protection

- .1 Provide the following respiratory protection to all personnel, at minimum:
 - .1 Non-powered half-face respirators with P100 high efficiency cartridge filters.
- .2 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
 - .1 Dust impermeable gloves appropriate for the work being completed.

- .2 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.5 Site Reviews

- .1 Refer to Part 1.13 Site Reviews in Section 02 81 00 Hazardous Materials – General Provisions.
- .2 The following Milestone Site Reviews are to be scheduled:
 - .1 Clean Site Preparation
 - .2 Bulk Removal Inspection
 - .3 Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

2.2 Hoarding Walls

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

2.3 Transfer Room

- .1 Transfer Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
 - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
 - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Transfer Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire Transfer Room.
- .4 Install one layer rip-proof polyethylene sheeting over roof.
- .5 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
- .6 Install a fire extinguisher, mount to wall.

2.4 Curtained Doorways

- .1 Construct as follows:
 - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Transfer Room.

- .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
- .3 Install weights attached to bottom edge of each door flap.
- .4 Provide direction arrows on flaps to indicate opening.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
 - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .2 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .3 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .4 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and diffusers and seal.
 - .2 HVAC to remaining areas of building must not be disrupted during work of this section.
 - .3 System shall remain inoperative until completion of work, unless ducts can be effectively capped.
 - .4 Perform work at scheduled times after shutting down HVAC systems affecting the Abatement Work Area.
- .5 Remove visible dust from all surfaces in the Abatement Work Area including those to be worked on, using HEPA Vacuums or wet wiping.
- .6 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .7 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
 - .1 Ensure safe installation of electrical lines and equipment.

- .8 Do not use compressed air to clean or remove dust or debris.
- .9 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .10 Frequently and at regular intervals, place all waste in waste containers.
- .11 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.2 Site Preparation – Enclosure Required

- .1 Install Transfer Room where duration of work is to last longer than one 8-hour shift.
- .2 Install Curtained Doorways.
- .3 Install polyethylene sheeting at openings in walls (as required) and seal.
- .4 Install polyethylene sheeting on floors of Abatement Work Area. Use sufficient layers to provide adequate protection for carpeting and equipment.
 - .1 Cover floors first so that polyethylene on walls is overlapped by at least 305 mm.
- .5 Install one layer of 6 mil polyethylene sheeting so as to protect finishes.
- .6 Place required tools to complete the abatement within the Abatement Work Area.
- .7 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .8 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Provide sufficient HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 20 minutes.
 - .2 Provide additional HEPA filtered negative pressure machines as required to ensure air flow from Occupied Area into Abatement Work Area.
 - .3 Operate HEPA filtered negative pressure machines continuously from first disturbance of ACM until completion of dismantling.
 - .4 Replace prefilters to maintain specified flow rate.
 - .5 Replace HEPA filter as required to maintain flow rate and integrity of unit.
 - .6 Discharge HEPA filtered negative air machines to building exterior, where possible.
 - .1 Direct discharge away from building access points.
- .9 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of lead hazard, and lead hazard where appropriate.

3.3 Site Preparation – No Enclosure Required

- .1 Cover materials to remain in the Abatement Work Area with polyethylene sheeting before the start of work and disturbance of ACM and lead to control the spread of dust.
- .2 Install caution tape around work area where existing walls are not present.
- .3 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .4 Place HEPA vacuum in Abatement Work Area.

- .5 Place required tools to complete the abatement with the Abatement Work Area.
- .6 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of a lead dust hazard.

3.4 Maintenance of Abatement Work Area

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Inspection must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.5 Lead Abatement

- .1 Use the procedures described above under *Site Preparation – Enclosure Required*.
 - .1 Demolition of plaster or other building components that crumble, pulverize or powder and are covered with lead-containing surface coating.
- .2 Use the procedures described above under *Site Preparation – No Enclosure Required*.
 - .1 Removal of lead containing paint using power tools with an effective dust collection system equipped with HEPA filter.
- .3 Provide washing facilities consisting of a wash basin, clean water, soap and towels.
 - .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .4 Removal methods minimizing dust generation should be used wherever possible.
 - .1 Wet methods are to be used to reduce dust generation.
 - .1 Wetting agents should be used where possible.
 - .2 Wet method not be used if it creates a hazard or cause damage to equipment or to project.
- .5 Provide drop sheets below all lead operations that may produce dust, chips or debris containing lead.
- .6 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .7 Remove lead containing paint in small sections and pack as it is being removed in sealable waste containers.
- .8 Waste generated should be maintained wet until cleaned and packaged.

- .9 After completion of stripping work, wire brush and wet sponge surface from which lead based paint has been removed to remove visible material. During this work keep surfaces wet.
- .10 After wire brushing and wet sponging to remove visible lead containing paint, wet clean entire work area, and equipment used in process.
 - .1 Compressed air or dry sweeping not be used to clean up lead-containing dust or waste.
 - .2 Ensure all waste is cleaned and packaged.
- .11 Seal filled containers. Clean external surfaces thoroughly by wet sponging. Remove from immediate working area to staging area. Clean external surfaces thoroughly again by wet sponging. Wash containers thoroughly pending removal to outside. Ensure containers are removed by workers who have entered from uncontaminated areas dressed in clean coveralls.
- .12 The Abatement Work Area is not to be dismantled until acceptable lead wipe sample results are achieved.
 - .1 If lead wipe sampling exceeds the clearance criteria the Abatement Work Area will require re-cleaning and re-sampling.
 - .2 Obtain Abatement Consultant's written permission to proceed.

3.6 Waste Management and Disposal

- .1 Per Section 02 82 00 Hazardous Materials – General Provisions.

3.7 Final Cleaning

- .1 Following specified cleaning procedures, and when lead wipe sampling is below acceptable concentrations proceed with final cleanup.
- .2 Remove polyethylene sheet by rolling it away from walls to centre of work area. Clean visible lead containing particles observed during cleanup, immediately, using HEPA vacuum.
- .3 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and seal. Dispose of in accordance with waste materials generated.
- .4 Clean Work areas and Transfer Room, where present.
- .5 Remove sealed waste containers and equipment used in Work and remove from work areas at appropriate time in cleaning sequence.
- .6 Conduct final check to ensure no dust or debris remain on surfaces as result of dismantling operations.

END OF SECTION

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Hazardous Building Materials Assessment (Pre-Construction)

Sick Kids SPEC CT Room
Renovation
555 University Avenue,
Toronto, Ontario

Prepared for:

The Hospital for Sick Children

555 University Avenue
Toronto, Ontario, M5G 1X8

October 3, 2025

Pinchin File: 348099.000

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Hazardous Building Materials Assessment (Pre-Construction)

Sick Kids SPEC CT Room Renovation, 555 University Avenue, Toronto, Ontario
The Hospital for Sick Children

October 3, 2025
Pinchin File: 348099.000

Issued to: The Hospital for Sick Children
Issued on: October 3, 2025
Pinchin File: 348099.000
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EXECUTIVE SUMMARY

The Hospital for Sick Children (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment for the Sick Kids SPEC CT Room Renovation located at 555 University Avenue, Toronto, Ontario. Pinchin performed the assessment on September 5, 2025.

The objective of the assessment was to identify specified hazardous building materials in preparation for Sick Kids SPEC CT Room Renovation. The proposed renovations as indicated on the drawings completed by NORR Architects and Quasar Consulting Group dated August 28, 2025, includes the following:

- Demolition of select walls and ceilings
- Replacing the SPEC CT scanner
- Patching and repainting walls and flooring
- Reinforcing structural beams
- Painting
- Re-routing and installing new electrical, mechanical and plumbing services

The following Burton Wing Rooms were assessed:

- 1st Floor- Rooms 1115, 1115C, 1115D, 1155, 1157, 1161, 1164 to 1178, 11 and Corridor 1100D and Rooms 1109C & D.
- 2nd Floor- Rooms 2107C, 2132, 2136-2144, Corridor 2127, Corridor 2100A, Corridor 2100D, Corridor 2100E, Corridor 2181A&B, West Corridor, Room 2111 and Room 2184
- Service Floor – S100A Service Floor Corridor, Room S111 and Room S246.
- Basement – B100A Basement Corridor, Room B117 and Room B111.

The following Black Wing Rooms were assessed:

- Corridor S200B, North to South Corridor, North Floor Corridor and S413C.

The following Slight Atrium Wing Rooms were assessed:

- 2nd Floor- Room 2810M and Corridor

The results of this assessment are intended for use with properly developed performance specifications and safe work procedures.

SUMMARY OF FINDINGS

Asbestos:



The following is a summary of significant findings for the **Burton Wing**; refer to the body of the report for detailed findings:

- Light grey/off white colored sprayed fireproofing.
- Ductwork and air handling equipment is considered contaminated with sprayed fireproofing dust.
- Residual sprayed fireproofing is present in pores on shaft concrete block walls.
- Parging cement pipe insulation
- Aircell pipe insulation
- Reddish/brown duct mastic.
- Acoustic ceiling tiles.
- Plaster on walls and ceilings.
- Drywall joint compound on walls and ceilings.
- Transite cable covers on floors within the electrical room.
- Black firestopping caulking.
- Window glazing butyl sealant.
- Yellow mastic behind ceramic wall tiles.
- Brown mastic adhesive on perimeter brick walls and in column enclosures concealed by plaster and fibreglass insulation.
- Presumed asbestos-containing gaskets at pipe flange joints

The following is a summary of significant findings for the **Black Wing**; refer to the body of the report for detailed findings:

- Ductwork and air handling equipment is considered contaminated with sprayed fireproofing dust.
- Parging cement pipe insulation.
- Aircell pipe insulation.
- Butyl sealant.
- Plaster on walls and ceilings.

The following is a summary of significant findings for the **Slaight Atrium Wing**; refer to the body of the report for detailed findings:

- Reddish/brown duct mastic.

Lead:



- Lead is present in paints
- Lead sheeting is present in walls concealed by drywall.

Silica: Crystalline silica is present in concrete and other materials such as masonry, ceramic tiles, grout, and plaster.

Mercury: Mercury vapour is present in lamp tubes.

Polychlorinated Biphenyls (PCBs): Black butyl sealant in the Black Wing is non-PCB containing.

Mould and Water Staining: Visible mould and water-stained ceiling tiles are present.

SUMMARY OF RECOMMENDATIONS

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

1. Conduct further investigation of the following items, areas, or locations, which was not completed during this assessment:
 - a. Any items listed as exclusions in this report, prior to disturbance.
2. Due to the presence of asbestos-containing spray-applied fireproofing, the following are classified as an asbestos operation as per O. Reg. 278/05 (Section 12):
 - a. Cleaning or removing filters used in air handling equipment (O. Reg 278/05 Section 12(3)).
 - b. Cleaning or removing air handling equipment including rigid ducting (O. Reg 278/05 Section 12(4)).
3. Due to the presence of asbestos-containing spray-applied fireproofing debris above ceilings, the following is classified as a Type 2 asbestos operation as per O. Reg. 278/05 (Section 12):
 - a. Removing all or part of a false ceiling to obtain access to a work area if asbestos-containing material is likely to be lying on the surface of the false ceiling (O. Reg 278/05 Section 12(3)).
4. Prepare specifications and safe work procedures for the hazardous materials removal required for the planned work.
5. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
6. Remove and properly dispose of asbestos-containing materials prior to demolition or renovation activities.



Hazardous Building Materials Assessment (Pre-Construction)

Sick Kids SPEC CT Room Renovation, 555 University Avenue, Toronto, Ontario
The Hospital for Sick Children

October 3, 2025
Pinchin File: 348099.000

7. Recycle mercury-containing lamp tubes when removed from service.
8. Follow appropriate safe work procedures when handling or disturbing asbestos, lead, silica, and mould.

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.



TABLE OF CONTENTS

1.0	INTRODUCTION AND SCOPE	1
1.1	Scope of Assessment	1
2.0	METHODOLOGY	2
3.0	BACKGROUND INFORMATION	2
3.1	Assessed Area Descriptions	2
3.2	Existing Reports	3
4.0	FINDINGS	4
4.1	Asbestos	4
4.2	Lead	19
4.3	Silica	25
4.4	Mercury	25
4.5	Polychlorinated Biphenyls	25
4.6	Mould and Water Damage	26
5.0	RECOMMENDATIONS	26
5.1	General	26
5.2	Remedial Work	27
5.3	Building Renovation Work	27
6.0	TERMS AND LIMITATIONS	28
7.0	REFERENCES	29

APPENDICES

APPENDIX I	Drawings
APPENDIX II-A	Asbestos Analytical Certificates
APPENDIX II-B	Lead Analytical Certificates
APPENDIX III	Methodology
APPENDIX IV	Location Summary Report
APPENDIX V	Hazardous Materials Summary Report / Sample Log
APPENDIX VI	HMIS All Data Report



1.0 INTRODUCTION AND SCOPE

The Hospital for Sick Children (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment in the Burton Wing located at 555 University Avenue, Toronto, Ontario.

Pinchin performed the assessment on September 5, 2025. The surveyor was accompanied by a representative from The Hospital for Sick Children during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for Sick Kids SPEC CT Room Renovation. The proposed renovations as indicated on the drawings completed by NORR Architects and Quasar Consulting Group dated August 28, 2025, includes the following:

- Demolition of select walls and ceilings
- Replacing the SPEC CT scanner
- Patching and repainting walls and flooring
- Reinforcing structural beams
- Painting
- Re-routing and installing new electrical, mechanical and plumbing services

Refer to the drawings in Appendix I for the locations assessed.

The results of this assessment are intended for use with properly developed performance specifications.

1.1 Scope of Assessment

The **assessed area** is limited to the portion(s) of the building to be renovated, as described by the Client, and identified in the drawings in Appendix I.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould



The following Designated Substances are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment:

- Arsenic
- Acrylonitrile
- Benzene
- Coke oven emissions
- Ethylene oxide
- Isocyanates
- Vinyl chloride monomer

2.0 METHODOLOGY

Pinchin conducted a room-by-room assessment to identify the hazardous building materials as defined in the scope.

The assessment did not include demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions due to the Hospital being in operation. Limited destructive testing of flooring was conducted where possible (under ceramic tiles, carpets, or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

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

3.0 BACKGROUND INFORMATION

3.1 Assessed Area Descriptions

Burton Wing

Description Item	Details
Use	Hospital
Number of Floors	Burton Wing consists of 16 floors - B2 Level to 12 th Floor. Assessed area is located on Basement Floor, Service Floor, Floor 1 and Floor 2.
Total Area	The assessed area is ~20,050 square feet
Year of Construction	The building was constructed in 1972
Structure	Steel, concrete
Exterior Cladding	Not assessed
HVAC	Rooftop AC, steam to hot water heating to radiators
Roof	Built-up
Flooring	Terrazzo, carpet, rubber



Hazardous Building Materials Assessment (Pre-Construction)

Sick Kids SPEC CT Room Renovation, 555 University Avenue, Toronto, Ontario
The Hospital for Sick Children

October 3, 2025
Pinchin File: 348099.000

Description Item	Details
Interior Walls	Drywall, plaster, ceramic tile, masonry
Ceilings	Ceiling tiles, plaster, drywall

Black Wing

Building Description Item	Details
Building Use	Hospital and research facility
Number of Floors/Levels	Black Wing consists of 14 stories plus 3 below grade. Assessed area is located on the Service Floor
Total Area of Building	The assessed area is ~250 square feet
Year of Construction	The building was constructed in 1972
Structure	Structural steel, concrete
Exterior Cladding	Brick
HVAC	Rooftop AC, steam to hot water heating to radiators
Roof	No Access
Flooring	Vinyl tile, vinyl sheet flooring, wood, carpet, ceramic tiles
Interior Walls	Drywall, concrete block, plaster
Ceilings	Drywall, plaster, acoustic ceiling tiles

Slaight Atrium Wing

Description Item	Details
Use	Hospital
Number of Floors	Slaight Atrium Wing consists of 11 stories plus 5 below grade. Assessed area is located on Floor 2.
Total Area	The assessed area is approximately 250 square feet
Year of Construction	The building was constructed in 1993
Structure	Structural steel, concrete
Exterior Cladding	Brick, glass curtain wall
HVAC	Rooftop AC, Forced Air Heating
Roof	Built-up roofing
Flooring	Resilient Flooring
Interior Walls	Drywall, concrete block
Ceilings	Drywall, acoustic ceiling tiles

3.2 Existing Reports

Pinchin previously prepared the following reports, which have been reviewed as part of this assessment:



- “Final Hazardous Building Materials Assessment (Pre-construction) Project Horizon Early Works – Tender Package 1 555 University Avenue, Toronto, Ontario” dated April 1, 2024, Pinchin File: 325718.000.
- “Hazardous Building Materials Reassessment (Management) Black Wing, 555 University Avenue, Toronto, Ontario” dated February 6, 2025, Pinchin File 350086.000.
- “Asbestos Reassessment - Burton Wing, 555 University Avenue, Toronto, Ontario” dated January 7, 2025, Pinchin File No. 350086.000.
- “Hazardous Materials Reassessment (Management), Hospital for Sick Children, Slaughter Atrium, 555 University Avenue, Toronto, ON” dated December 16, 2024, Pinchin File No. 350086.000.

4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous building materials identified. For details on approximate quantities, condition, friability, accessibility, and locations of hazardous building materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

4.1 Asbestos

4.1.1 Spray-Applied Insulation

Burton Wing

Light grey/off white colored fibrous sprayed fireproofing, containing chrysotile asbestos (previously sampled 1726213 A0017A-G), is present on structural steel including beams, columns, concrete deck, and bracing throughout the assessed areas.

A white encapsulant is covering the asbestos-containing fireproofing in the Black Wing Electrical Room 2111 (Location 6058).

Residual fireproofing, containing chrysotile asbestos (sample S0127A phase b), is present in the pores on the surface of concrete block walls in Mechanical Shaft/Room S111 (Location 3039). Consider all concrete block walls in the Mechanical Shaft to be asbestos-containing until sampling proves otherwise.

In areas where the ACM fireproofing remains, overspray from asbestos-containing sprayed fireproofing is present above ceilings, within shafts, column enclosures and risers, on concrete block walls, concrete deck, pipes, ducts, conduit, cabling, hangers, junction boxes, etc.



Debris from asbestos-containing sprayed fireproofing is present above ceiling systems including on top of solid ceiling systems, ceiling tiles, ducts, within shafts, column enclosures, risers, top courses of block walls, etc. in areas where the ACM fireproofing has not been removed.

Asbestos-containing fireproofing is present as debris or overspray in wall cavities (including within masonry) where walls extend to the structure/fireproofing, between walls and the underside of ductwork, between ducts and the underside of beams and within column enclosures, risers, and the top courses of block walls.

Ducts and fan units etc. were operational and not dismantled or sampled. As per O. Reg. 278/05 (Section 12 (4) 3), in buildings where asbestos-containing sprayed fireproofing is present, removal or cleaning of rigid ductwork and air handling equipment must be performed as a Type 3 operation. Changing of filters must be performed as a Type 2 operation unless a varied procedure is developed.

Due to the presence of asbestos-containing spray-applied fireproofing debris above ceilings, removing all or part of a false ceiling to obtain access to a work area if asbestos-containing material is likely to be lying on the surface of the false ceiling is classified as a Type 2 asbestos operation per O. Reg 278/05 Section 12(3)).

In some area's extensive removal of the asbestos fireproofing has been undertaken, and the material has been replaced by non-asbestos products. Non-asbestos fibrous/ cementitious fireproofing and overspray is present on structural components. These varieties of sprayed fireproofing are non-asbestos based on the date of installation or by the blue dye/ paint added to the non-asbestos spray. These varieties of sprayed fireproofing were used as replacement sprays after asbestos-containing sprayed fireproofing was removed. The non-asbestos varieties of sprayed fireproofing present in the areas assessed are as follows:

- Grey fibrous fireproofing with green spray paint
- Green dyed fireproofing

In areas where the building has been abated of asbestos-containing spray-applied fireproofing, it was not possible to locate minor amounts of residual sprayed asbestos left in these areas after application of new, non-asbestos materials. Such residual materials may be present within cavities, shafts, within walls, or fully or partially covered with new asbestos-free re-spray.

Black Wing

No spray-applied insulation was found in the Black Wing assessed areas, however, asbestos-containing fireproofing is present in the Black Wing. As per O. Reg. 278/05 (Section 12 (4) 3), in buildings where asbestos-containing sprayed fireproofing is present, removal or cleaning of rigid ductwork and air handling equipment must be performed as a Type 3 operation. Changing of filters must be performed as a Type 2 operation unless a varied procedure is developed.

Slaight Atrium Wing

No spray-applied insulation was found in the assessed areas.



Asbestos-containing light grey/off white fireproofing, Burton Wing Room 2107C (Location 6012).



Asbestos-containing white encapsulated fireproofing, Burton Wing Electrical Room 2111 (Location 6058).



Concrete block wall with asbestos-containing residual fireproofing in pours, Burton Wing Mechanical Shaft/Room S111 (Location 3039).



Non-asbestos green fireproofing, Burton Wing 2nd Floor South Corridor (Location 6004).

4.1.2 Pipe Insulation

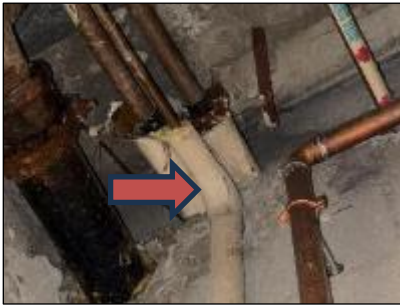
Burton Wing

Parging cement, containing asbestos, is present on one pipe fitting (elbow), in Room B111 (Location 2034) (samples 1726213 S0016A-C). The parging cement is jacketed with canvas.

A white corrugated paper insulation (trade name Aircell), containing asbestos, is present on straight sections of hot water heating system pipes in Room S243, S246, S246A & S246D (Location 19009), previously sampled.

The remaining Pipes in the assessed areas are either uninsulated or insulated with non-asbestos fibreglass and jacketed with foil or paper.

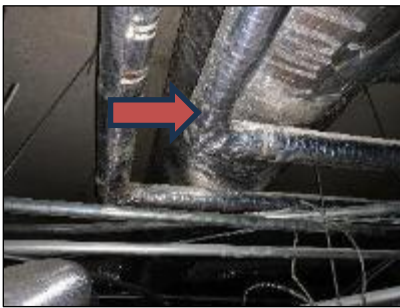
Pipes insulated with asbestos-containing insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



Asbestos-containing parging cement on pipe fitting, Burton Wing Room B111 (Location 2034).



Uninsulated pipes, 2nd Floor Corridor and Elevator Lobby (Location 6001).



Non-asbestos fiberglass insulated pipes jacketed with foil, Burton Wing Room 2107C (Location 6012).



Non-asbestos fiberglass insulated pipes jacketed with paper, Burton Wing 2nd Floor South Corridor (Location 6004).

Black Wing

Parging cement, containing asbestos, is present on pipe fittings (elbows, valves, tees, hangers etc.), on various pipes systems in the assessed areas (samples 1726509 S0013A-C). The parging cement is jacketed with canvas.

A white corrugated paper insulation (trade name Aircell), containing asbestos, is present on straight sections throughout the assessed areas (samples 1726509 S0019A-C)

The remaining Pipes in the assessed areas are either uninsulated or insulated with non-asbestos fiberglass and jacketed with foil or paper.

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 paring cement on pipe fittings, Black Wing Service North Floor Corridor (Location 2035).



Asbestos-containing aircell pipe insulation, Black Wing Corridor S200B (Location 2079).



Non-asbestos fibreglass insulated pipes jacketed with paper, Black Wing Corridor S200B (Location 2079).



Non-asbestos fibreglass insulated pipe jacketed with foil, Black Wing Corridor S200B (Location 2079).

Slaight Atrium Wing

Pipes in the assessed areas are either uninsulated or insulated with non-asbestos fibreglass and jacketed paper.

4.1.3 Duct Insulation and Mastic

Burton Wing

Reddish/brown duct mastic, containing asbestos, is present at seams / joints on the exterior of ducts and induction units throughout the assessed areas (previously sampled b298447 S0041A-C).

Dark grey mastic present at the seams of seams / joints on the exterior of ducts throughout the assessed area does not contain asbestos (S0028A-C).

Green mastic present at seams / joints on the exterior of ducts throughout the assessed area does not contain asbestos (previously sampled b304010 S0077A-C).

Ducts are either uninsulated or insulated with non-asbestos fibreglass in the assessed areas (foil-faced or canvas jacketing).



Asbestos-containing reddish brown duct mastic, Room 1172 (Location 5065).



Uninsulated duct, Room 1168 (Location 5063).



Non-asbestos fibreglass insulated ducts jacketed with foil, 1st Floor South Corridor (Location 5004).

Black Wing

Ducts are either uninsulated or insulated with non-asbestos fibreglass in the assessed areas (foil-faced).



Uninsulated duct, Black Wing Service North Floor Corridor (Location 2035).



Non-asbestos fibreglass insulated duct jacketed with foil, Black Wing Corridor S200B (Location 2079).

Slaight Atrium Wing

Reddish/brown duct mastic, containing asbestos, is present at seams / joints on the exterior of ducts in Room 2801M and Corridor (Location 204) (samples b298447 S0041A-C). The duct mastic was visually confirmed as the same previously sampled mastic in the Burton Wing and is located where the Slaight Atrium Wing and Burton Wing connect on the 2nd Floor.

Ducts are either uninsulated or insulated with non-asbestos fibreglass in the assessed areas (foil-faced).



Asbestos-containing reddish brown duct mastic, Saight Atrium Wing Room 2810M and Corridor (Location 204).



Non-asbestos fibreglass insulated duct jacketed with foil, Saight Atrium Wing Room 2810M and Corridor (Location 204).

4.1.4 Mechanical Equipment Insulation

Burton Wing

Mechanical equipment throughout the assessed areas (induction units and fan units) are either uninsulated or insulated with non-asbestos fibreglass.



Black Wing and Saight Atrium Wing

No mechanical equipment was found in the assessed areas.

4.1.5 Acoustic Ceiling Tiles

Burton Wing


The following is a summary of acoustic ceiling tiles present, for a complete list of locations, refer to Appendix V.

Description	Location	Sample Number or Date Code	Asbestos	Photo
Lay-in 24" x 48" Random Small Pencil Hole Pattern	Refer to All Data Appendix VI for locations.	Previously sampled b178375 A0020A-C	Amosite and Chrysotile	
Lay-in 24"x48 fissures and pinholes	Room 1109C (Location 5079), Room 2107C (Location 6012), Room 2136 (Location 6016), Room 2144 (Location 6020)	08/31/07	Non-asbestos	

Description	Location	Sample Number or Date Code	Asbestos	Photo
Lay-in 24"x48" fissures and pinholes	2 nd Floor East Corridor (Location 6003), 2 nd Floor South Corridor (Location 6004),	03/31/05	Non-asbestos	
Lay-in 24"x48" small dimples and fissures	2 nd Floor Corridor 218A&B (Location 6072)	02/16/02	Non-asbestos	
Lay-in 24"x48" random pencil hole pattern	2 nd Floor East Corridor (Location 6003), 2 nd Floor South Corridor (Location 6004), Room B117 (Location 2015)	2016	Non-asbestos	
Lay-in 24"x48" small dimples and fissures	2 nd Floor South Corridor (Location 6004), Room B117 (Location 2015)	08/26/02	Non-asbestos	


Black Wing

The following is a summary of acoustic ceiling tiles present, for a complete list of locations, refer to Appendix V.

24" x 48", lay-in, large and small pinholes	North Offices (Location 4004), Room 144 (Location 4006)	Previously sampled 10050323 S0036A-C	No	
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Slaight Atrium Wing

The following is a summary of acoustic ceiling tiles present, for a complete list of locations, refer to Appendix V.

24" x 48", lay-in, fissures and pinholes	Room 2810M and Corridor (Location 204).	2023	No	
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4.1.6 Plaster

Burton Wing

Plaster, containing asbestos, is present on walls and ceilings, throughout the 1st floor assessed areas (previously sampled b54915 013A-C).

Plaster present on walls and ceilings throughout the Basement, Service and 2nd Floor does not contain asbestos (samples S0125A-C, previously sampled 1109412 006A-C, 1118001 0006A-C, b298447 S0048A-G, b304009 S0064A-E, b304010 S0075D, E, b298447 S0049A-C, b304009 S0056A-G).

Black Wing

Plaster, containing asbestos, is present on exterior walls and ceilings, throughout the Service Floor (previously sampled C4E4190 S0153A-E & S0155A-G).

Plaster present on interior walls, exterior bulkheads and interior columns throughout the Service Floor does not contain asbestos (previously sampled B317922 S0157A-D, B317922 S0164A-C, B317922 S0168A-E, 1414233 A0006D, E).

Rough unfinished dark grey ceiling plaster present above ceiling tiles throughout the assessed areas does not contain asbestos (previously sampled 1210815 A0006A-C).

Slaight Atrium Wing

No plaster is present in the assessed areas.

4.1.7 Drywall Joint Compound

Burton Wing

Samples of drywall joint compound were previously collected from partition walls on the Service Level (previously sampled b54914 002A-C). Sample 002A was found to contain chrysotile asbestos. All drywall walls and ceilings on the Service Level are presumed to contain asbestos.

Drywall joint compound, containing asbestos, is present on all wall and ceiling finishes throughout the 1st Floor assessed areas (previously sampled 1413517 013A).

Drywall joint compound present on all wall finishes throughout 2nd Floor assessed area contains asbestos (previously sampled b304009 S0063A-G, b327772 S0118A-G) **excluding** in the following locations (samples S0116A-E); East Corridor (Location 6003), Room 2115 (Location 6037), Room 2126 (Location 6038), Room 2148 (Location 6039), and Room 2115A (Location 6071).

Drywall joint compound present on wall finishes in the Basement does not contain asbestos (previously sampled b306158 S0014B-E).

Black Wing

Drywall joint compound present on wall finishes in the Service Floor does not contain asbestos (previously sampled b317922 S0154A-E & S0156A-E).

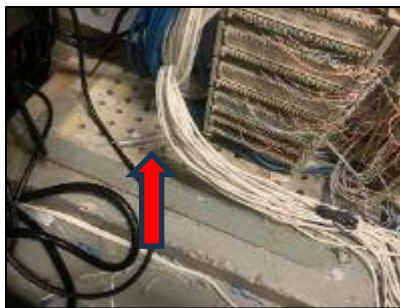
Slaight Atrium Wing

Asbestos in drywall joint compound was banned in Canada in 1980. Drywall joint compound in the Slaight Atrium was installed on or after 1993 and is presumed to contain no asbestos.

4.1.8 Asbestos Cement Products

Burton Wing

Asbestos-containing Transite cable cover is present in Room 2111-Electrical Room (Location 6058). Transite is visually confirmed to contain asbestos.



Asbestos-containing Transite cable cover, Room 2111 (Location 6058).


Black Wing and Slaight Atrium Wing

No asbestos cement products are present in the assessed areas.

4.1.9 Baseboard


Burton Wing

The following is a summary of vinyl baseboards present.

Description	Location	Sample Number	Asbestos (Tile / Adhesive)	Photo
Black vinyl baseboards	Throughout assessed area	Previously sampled B298447 S0045A-C	No / No	

Black Wing

The following is a summary of vinyl baseboards present.

Description	Location	Sample Number	Asbestos (Tile / Adhesive)	Photo
Black vinyl baseboards	Room S413C (Location 204)	Previously sampled C4D4039 S0043A-C	No / No	

Slaight Atrium Wing

Description	Location	Sample Number	Asbestos (Tile / Adhesive)	Photo
Black vinyl baseboards	Room 2801M and Corridor (Location 204)	Previously sampled B306135 S0026A-C	No / No	N/A

4.1.10 Firestopping

Burton Wing

Black firestopping caulking, containing asbestos, is present at pipe penetrations within column enclosures throughout the assessed area (previously sampled b307286 S0109A-C).

Brownish red firestopping (mastic / sealant) present at pipe and conduit penetrations in Electrical Room 2111 (Location 6058) does not contain asbestos (previously samples S0119A-C).

White firestopping (mastic / sealant) present at pipe and conduit penetrations in Electrical Room 2111 (Location 6058) does not contain asbestos (previously samples S0120A-C).

Grey firestopping (mastic / sealant) present at pipe and conduit penetrations in Electrical Room 2111 (Location 6058) does not contain asbestos (previously samples S0121A-C).

Red firestopping (mastic / sealant) present at pipe and conduit penetrations in Room 2184 (Location 6049) and Corridor 2181A&B (Location 6072) does not contain asbestos (samples S0117A-C).



Non-asbestos brownish red firestop caulking, Electrical Room 2111 (Location 6058).



Non-asbestos white firestop caulking, Electrical Room 2111 (Location 6058).



Non-asbestos grey firestop caulking, Electrical Room 2111 (Location 6058).

Black Wing and Saight Atrium Wing

Firestopping caulking was not found in the assessed area.


4.1.11 Caulking and Sealant

Burton Wing

Butyl sealant present on the exterior of the windows glazing to be removed in Room 2137 (Location 6017) and Room 2141 (Location 6019) is presumed to contain asbestos.

Black Wing

The following is a summary of the sealant sampled.

Description	Location	Sample Number	Asbestos	Photo
Black butyl sealant, around interior window, and door frames	Throughout assessed area	Previously sampled C4D4039 S0081A-C	Yes	





Slaight Atrium Wing







No caulking is present in the assessed areas.



4.1.12 Other Building Materials

Burton Wing

The following is a summary of other materials sampled.

Description	Location	Sample Number	Asbestos	Photo
Yellow mastic behind ceramic wall tiles	Throughout assessed area	Previously sampled B296853 S0032A-C	Yes	
Brown mastic adhesive within perimeter column enclosures and on perimeter walls (concealed by insulation and plaster)	Throughout assessed area	Previously sampled b296681 S0051A-C	Yes	
Yellow mastic behind ceramic wall tiles	Room M144 (Location 4052), Room 7111 (Location 11039) and Room 7110A (Location 11041)	Previously sampled B306158 S0084A-C	Yes	N/A
Pipe thread sealant	Throughout assessed area	Previously sampled B299795 S0033A-C	No	
Terrazzo	Throughout assessed area	Previously sampled B304009 S0054A-C	No	


Description	Location	Sample Number	Asbestos	Photo
Mastic underneath rubber flooring	Throughout assessed area	Previously sampled B304009 S0065A-C	No	
Mastic underneath carpet	Throughout assessed area	Previously sampled B304010 S0078A-C	No	
White sink mastic	Throughout assessed area	Previously sampled B306158 S0082A-C	No	
Grey sink mastic	Room S243, S246, S246A & S246D (Location 19009)	Previously sampled B306158 S0083A-C	No	
Black mastic on Foamglass/steel beam	Room S243, S246, S246A & S246D (Location 19009)	Previously sampled B308092 S0114A-C	No	
Mortar from concrete block	Room B111 (Location 2034), and B100A Basement Corridor (Location 2015)	Samples S0124A-C	No	

Description	Location	Sample Number	Asbestos	Photo
Off white paint on concrete block wall	Room B117 (Location 2015) and B100A Basement Corridor (Location 2015)	Samples S0126A-C	No	
Mortar from concrete block	Room S111 (Location 3039)	Samples S0127A-C	No	
Gaskets on flange joints	Room S111 (Location 3039)	N/A	Presumed	N/A

Black Wing

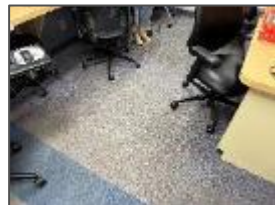
The following is a summary of other materials sampled.

Description	Location	Sample Number	Asbestos	Photo
Yellow mastic underneath carpet	Room S413C (Location 2125)	Previously sampled 10050323 S0034A-C	No	
Black paper backing behind metal pan ceiling	Throughout assessed area	Previously sampled 10050323 S0045A-C	No	
Mastic underneath linoleum	Throughout assessed area	Previously sampled 10050323 S0057A-C	No	
Greenish grey terrazzo	Throughout assessed area	Previously sampled 10050323 S0070A-C	No	

Description	Location	Sample Number	Asbestos	Photo
White terrazzo	Throughout assessed area	Previously sampled 10050323 S0072A-C	No	N/A
Clay tile mortar	Throughout assessed area	Previously sampled b320071 S0335A-C	No	
Concrete block mortar	Throughout assessed area	Previously sampled b320071 S0335A-C	No	N/A

Slaight Atrium Wing

The following is a summary of other materials sampled.

Description	Location	Sample Number	Asbestos	Photo
Mastic underneath carpet	Room 2801M and Corridor (Location 204)	Previously b306135 S0027A-C	No	

4.1.13 Excluded 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:

- Floor levelling compound
- Electrical components
- Vibration dampers on HVAC equipment
- Materials at exterior of the building


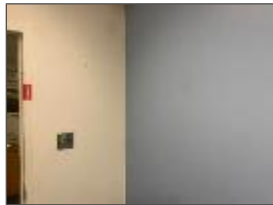


4.2 Lead

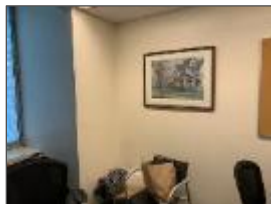

4.2.1 Paints and Surface Coatings



Burton Wing

Refer to the lab report(s) in Appendix II-B and the Hazardous Material Summary / Sample Log in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0001	Beige paint on concrete block	Room 2111 Electrical Room (Location 6058)	0.14%	
L0012	Blue paint on drywall	Room 1166 (Location 5061), Room 1169 (Location 5062), Room 1171 (Location 5064), Room 1172 (Location 5065), Room 1109D (Location 5078), Room 1109C (Location 5079), 2 nd Floor Corridor and Elevator Lobby (Location 6001), Room 2144 (Location 6020)	<0.006%	
L0025	Off white paint on plaster and drywall	2 nd Floor Corridor and Elevator Lobby (Location 6001), 2 ND Floor South Corridor (Location 6004), Room 2107C (Location 6012), Room 2132 (Location 6013), Room 2136 (Location 6016), Room 2137 (Location 6017), Room 2140 (Location 6018), Room 2141 (Location 6019), Room 2144 (Location 6020), Room 2142 & 2143 (Location 6021), Room 2138 (Location 6022)	<0.05%	
L0026	Yellow paint on drywall wall	2 nd Floor West Corridor (Location 6005)	<0.007%	

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0029	Off white paint on plaster and drywall	1 ST Floor South Corridor (Location 5004), Room 1154 (Location 5058), Room 1165 (Location 5059), Room 1167 (Location 5060), Room 1166 (Location 5061), Room 1169 (Location 5062), Room 1168 (Location 5063), Room 1171 (Location 5064), Room 1172 (Location 5065), Room 1173 (Location 5066), Room 1176 (Location 5067), Room 1175 (Location 5076), Room 1178 (Location 5077), Room 1109D (Location 5078), Room 1109C (Location 5079)	0.061%	
L0036	Off white paint on plaster	Corridor S100A (Location 3001)	0.038%	N/A
L0039	Off white paint on concrete block	Corridor B100A (Location 2001)	<0.008%	N/A
L0058	Blue paint on metal door and frame	S100 Service Floor Corridor (Location 3001)	0.0011%	NA
L0063	Yellow paint on drywall wall	Room 1173 (Location 5066)	<0.00061%	
L0064	Red paint on metal door and frame	S100A Service Floor Corridor (Location 3001)	0.19%	N.A

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L00067	White paint on plaster ceiling	2 nd Floor Corridor (Location 6004)	0.036%	
L00068	Grey paint on drywall wall	Corridor 2181A&B (Location 6072)	0.00036%	
Not sampled	Red paint/primer on structural steel beams and columns	Throughout building (not shown in Appendix V and VI)	Assumed to contain 0.1% and greater*	N/A


*Not shown in HMIS data tables. Assume present on all steel structural components.



Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.

Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACC guideline.

Paint containing less than 0.009% (90 mg/kg) lead is assumed to be insignificant.

Black Wing

Sample Number	Colour, Substrate Description	Location	Lead (%)	Photo
L0004	Beige paint on plaster ceiling	Room S413C (Location 2125)	0.30%	

Sample Number	Colour, Substrate Description	Location	Lead (%)	Photo
L0006	White paint on drywall wall	Room S413C (Location 2125)	0.027%	
L0039	White paint on plaster wall	Throughout assessed area	<0.006%	
Not sampled	Red paint/ primer on structural steel beams and columns	Throughout building (not shown in Appendix V and VI)	Assumed to contain 0.1% and greater*	N/A



*Not shown in HMIS data tables. Assume present on all steel structural components.


Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.

Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACC guideline.

Paint containing less than 0.009% (90 mg/kg) lead is assumed to be insignificant.

Slaight Atrium Wing

Sample Number	Colour, Substrate Description	Location	Lead (%)	Photo
L00023	Blue paint on drywall wall	Room 2810M and Corridor (Location 204)	0.00040%	
L0036	Grey paint on drywall wall	Room 2810M and Corridor (Location 204)	<0.00022%	

Sample Number	Colour, Substrate Description	Location	Lead (%)	Photo
L0037	Grey paint on concrete block wall	Room 2810M and Corridor (Location 204)	0.00046%	
Not sampled	Red paint/ primer on structural steel beams and columns	Throughout building (not shown in Appendix V and VI)	Assumed to contain 0.1% and greater	N/A

*Not shown in HMIS data tables. Assume present on all steel structural components.

Paint containing less than 0.009% (90 mg/kg) lead is assumed to be insignificant.

4.2.2 Lead Products and Applications

Lead sheeting is presumed to be present in walls around x-ray and imaging rooms on the 2nd Floor of the Burton Wing in the following locations:

- Room 2107C (Location 6012)
- Room 2132 (Location 6013)
- Room 2136 (Location 6016)
- Room 2137 (Location 6017)
- Room 2140 (Location 6018)
- Room 2141 (Location 6019)
- Room 2144 (Location 6022)
- Room 2142 & 2143 (Location 6021)

4.2.3 Excluded Lead Materials

Lead is known to be present in several materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections
- Glazing on ceramic tiles
- Lead shielding

4.3 Silica

Crystalline silica is assumed to be a component of the following materials where present in the building.

- Concrete
- Masonry and mortar
- Ceramic tiles and grout
- Plaster

4.4 Mercury

4.4.1 Lamps

Mercury vapour is present in fluorescent lamp tubes.

4.4.2 Mercury-Containing Devices

Mercury-containing devices were not found during the assessment.


4.5 Polychlorinated Biphenyls

4.5.1 Lighting Ballasts

Based on information from the client and confirmed by visual observations (e.g., evidence of T-5 or T-8 fixtures with electronic ballasts) the fixtures will not contain PCB ballasts.

4.5.2 Sealants

The following table presents a summary of sealants sampled in the assessed area for the Black Wing.

Material, Colour, Application	Sample Location (Location #)	Sample Number	PCB (mg/kg)	Photo
Black butyl sealant, around windows of doors	First Floor South Corridor (Location 4062)	P0002	<1	

4.5.3 Transformers

The transformers in the assessed area are dry type transformers and do not contain PCB-containing dielectric fluids; however, may contain capacitors, which could not be assessed for PCBs as the equipment was in service.

4.6 Mould and Water Damage

Visible mould was observed on a non-asbestos ceiling tile in the Burton Wing 2nd Floor South Corridor (Location 6004).

Two water-stained non-asbestos ceiling tiles were observed in Burton Wing 2nd Floor East Corridor (Location 6003).



Water staining on non-asbestos ceiling tiles, 2nd Floor East Corridor (Location 6003).



Mould on non-asbestos ceiling tile in the 2nd Floor South Corridor (Location 6004)


5.0 RECOMMENDATIONS

5.1 General

1. Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
2. If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb, and arrange for further testing and evaluation.
3. Conduct further investigation of the following items, areas, or locations, which were not completed during this assessment:
 - a. Any items listed as exclusions in this report, prior to disturbance.
4. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
5. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.
6. Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

5.2 Remedial Work

The following remedial work is recommended regardless of the planned construction work due to the condition and location of the material.

Material, Quantity & Condition	Location	Recommended Procedure	Photo
1 mouldy non-asbestos ceiling tile	Burton Wing 2 nd Floor South Corridor (Location 6004).	Remove following Level 1 procedures per EACC Mould Guideline and appropriate CSA Z317.13-22 Infection Control Preventative Measures	

5.3 Building Renovation Work

The following recommendations are made regarding renovation involving the hazardous materials identified.

5.3.1 Asbestos

Remove asbestos-containing materials (ACM) prior to renovation, alteration, or maintenance if ACM may be disturbed by the work. If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Due to the presence of asbestos-containing spray-applied fireproofing within the building, the following are classified as an asbestos operation as per O. Reg. 278/05 (Section 12):

- Cleaning or removing filters used in air handling equipment (O. Reg 278/05 Section 12(3)).
- Cleaning or removing air handling equipment including rigid ducting (O. Reg 278/05 Section 12(4)).

Due to the presence of asbestos-containing spray-applied fireproofing debris above ceilings, removing all or part of a false ceiling to obtain access to a work area if asbestos-containing material is likely to be lying on the surface of the false ceiling is classified as a Type 2 asbestos operation per O. Reg 278/05 Section 12(3)).

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.



5.3.2 Lead

For lead-containing or lead-based paints (i.e., greater than the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints, and 0.5% (5,000 mg/kg) for lead-based), construction disturbance may result in over-exposure to lead dust or fumes. The need for work procedures, engineering controls and personal protective equipment should be assessed on a site-specific basis to comply with Ministry of Labour, Training and Skills Development regulations and guidelines.

For paints identified as having low levels of lead (i.e., equal to or above 0.009% (90 mg/kg) but less than or equal to the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints) special precautions are not recommended unless aggressive disturbance (grinding, blasting, torching) is planned. Exposure from construction disturbance of paints containing lead less than 0.009% (90 mg/kg) is assumed to be insignificant.

Lead-containing items should be recycled when taken out of service.

5.3.3 Silica

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with applicable regulations and guidelines.

5.3.4 Mercury

Do not break lamps. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

5.3.5 Mould and Water Staining

Remove mouldy ceiling tile following Level 1 procedures per EACC Mould Guideline and appropriate CSA Z317.13-22 Infection Control Preventative Measures

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

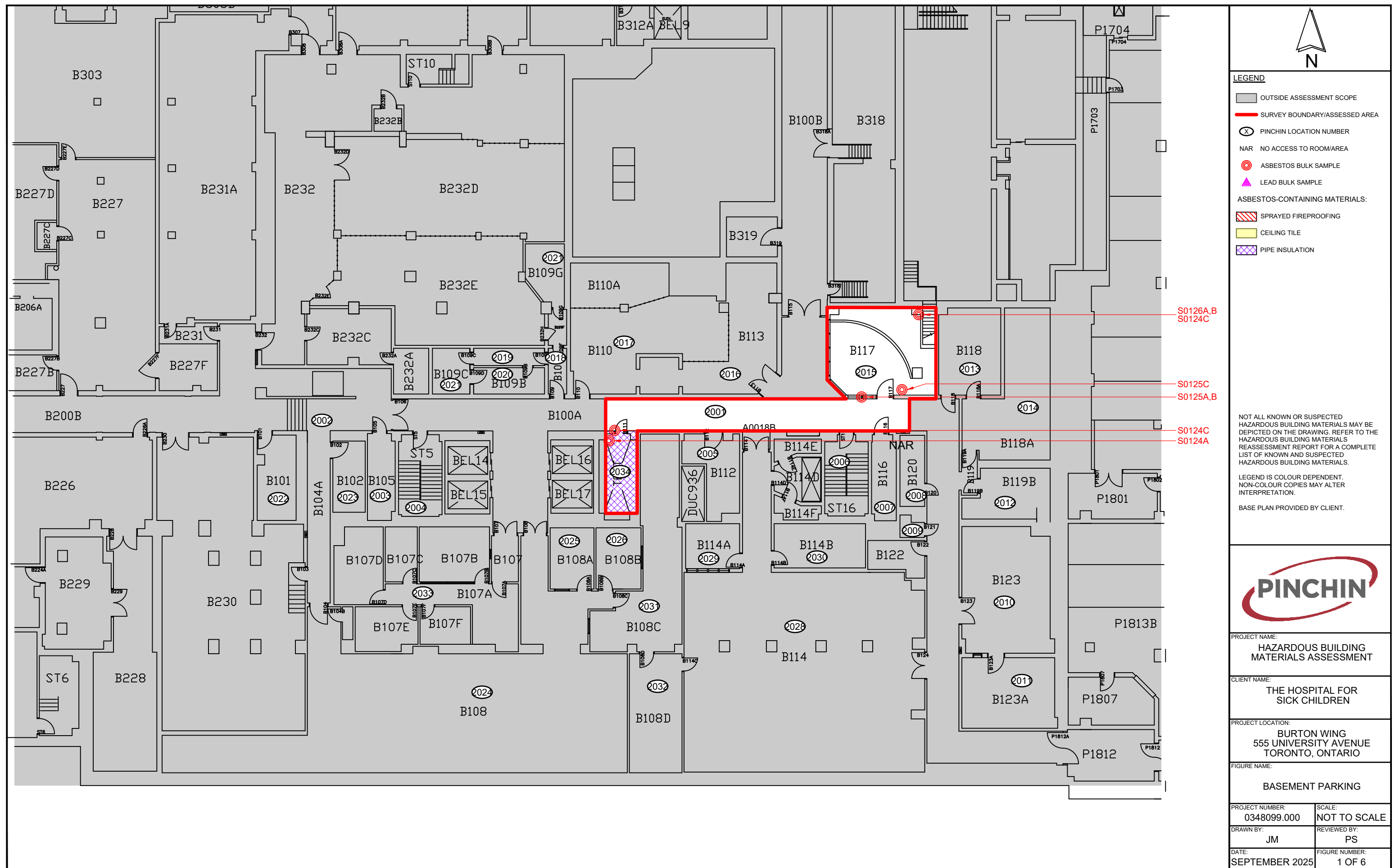
The following legislation and documents were referenced in completing the assessment and this report:

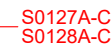
1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Lead on Construction Projects, Ministry of Labour Guidance Document.
4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair.
5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
7. Silica on Construction Projects, Ministry of Labour Guidance Document.
8. Alert – Mould in Workplace Buildings, Ontario Ministry of Labour.
9. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
10. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
11. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.
12. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004 (Revised 2018), Canadian Construction Association.

\\pinchin.com\Miss\Job\348000s\0348099.000 SickKids,SPECTCT,555University,HAZ,ASMT\Deliverables\348099.000 Revised HBMA Report SPECTCT 555 University Toronto SickKids Oct 3 2025.docx









Template: Master Report for Hazardous Materials Assessment (Pre-Construction), HAZ, June 19, 2024

APPENDIX I
Drawings





LEGEND

	OUTSIDE ASSESSMENT SCOPE
	SURVEY BOUNDARY/ASSESSED AREA
	PINCHIN LOCATION NUMBER
NAR	NO ACCESS TO ROOM/AREA
	ASBESTOS BULK SAMPLE
	LEAD BULK SAMPLE
ASBESTOS-CONTAINING MATERIALS:	
	SPRAYED FIREPROOFING
	CEILING TILE
	PIPE INSULATION

NOT ALL KNOWN OR SUSPECTED
HAZARDOUS BUILDING MATERIALS MAY BE
DEPICTED ON THE DRAWING. REFER TO THE
HAZARDOUS BUILDING MATERIALS
REASSESSMENT REPORT FOR A COMPLETE
LIST OF KNOWN AND SUSPECTED
HAZARDOUS BUILDING MATERIALS.

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



PROJECT NAME:
HAZARDOUS BUILDING
MATERIALS ASSESSMENT

CLIENT NAME: THE HOSPITAL FOR SICK CHILDREN

PROJECT LOCATION:
BURTON WING
555 UNIVERSITY AVENUE
TORONTO, ONTARIO

FIGURE NAME: SERVICE FLOOR

PROJECT NUMBER: 0348099.000	SCALE: NOT TO SCALE
--------------------------------	------------------------

DRAWN BY: JM	REVIEWED BY: PS
-----------------	--------------------

DATE:	FIGURE NUMBER:
SEPTEMBER 2025	2 OF 6



OUTSIDE ASSESSMENT SCOPE

SURVEY BOUNDARY/ASSESSED AREA

X

PINCHIN LOCATION NUMBER

NAR

NO ACCESS TO ROOM/AREA

ASBESTOS BULK SAMPLE

LEAD BULK SAMPLE

ASBESTOS-CONTAINING MATERIALS:

SPRAYED FIREPROOFING

CEILING TILE

PIPE INSULATION

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS REASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

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

BASE PLAN PROVIDED BY CLIENT.

PINCHIN

PROJECT NAME:

HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:

THE HOSPITAL FOR SICK CHILDREN

PROJECT LOCATION:

BURTON WING
555 UNIVERSITY AVENUE
TORONTO, ONTARIO

FIGURE NAME:

1ST FLOOR

PROJECT NUMBER:

0348099.000

SCALE:

NOT TO SCALE

DRAWN BY:

JM

REVIEWED BY:

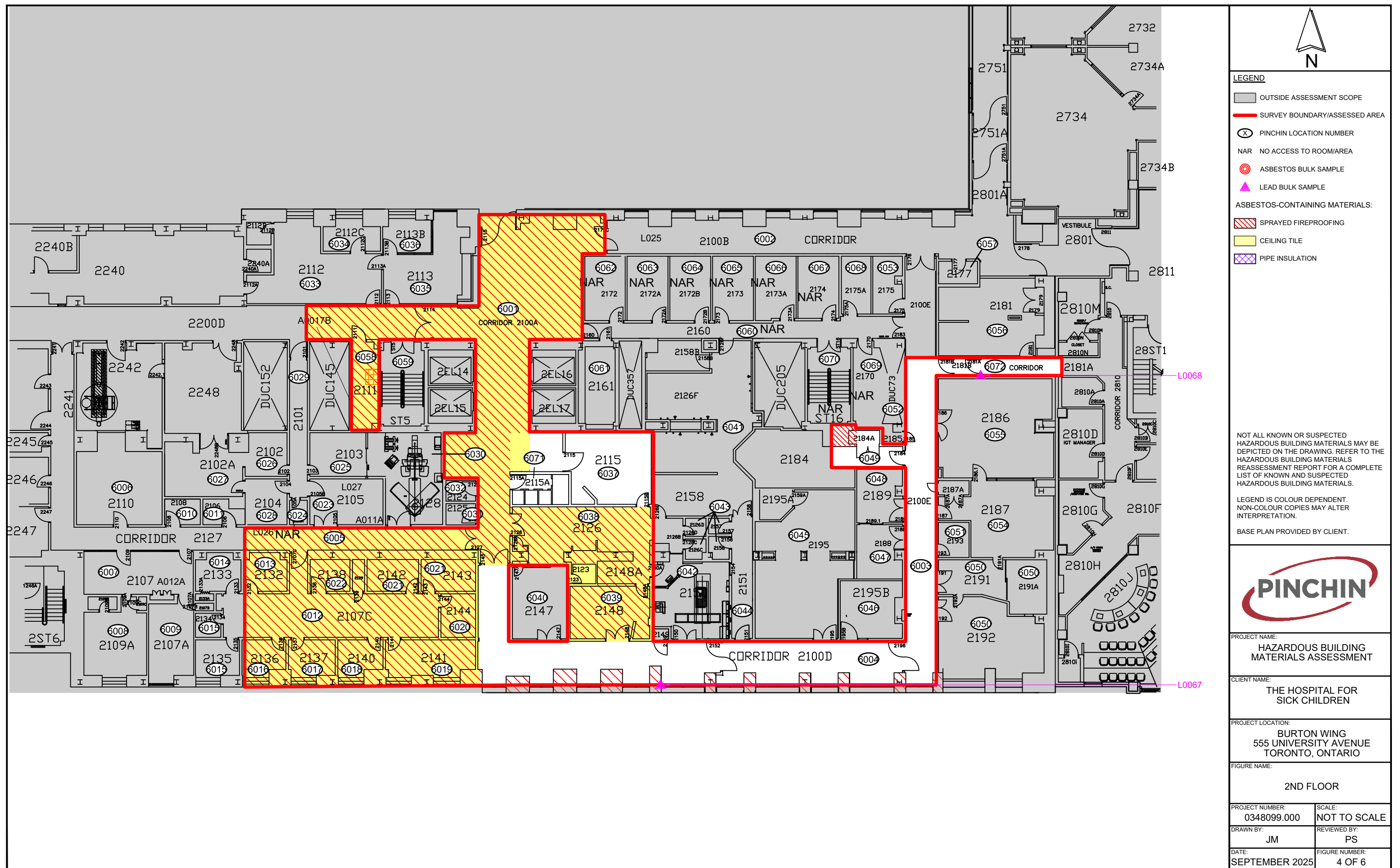
PS

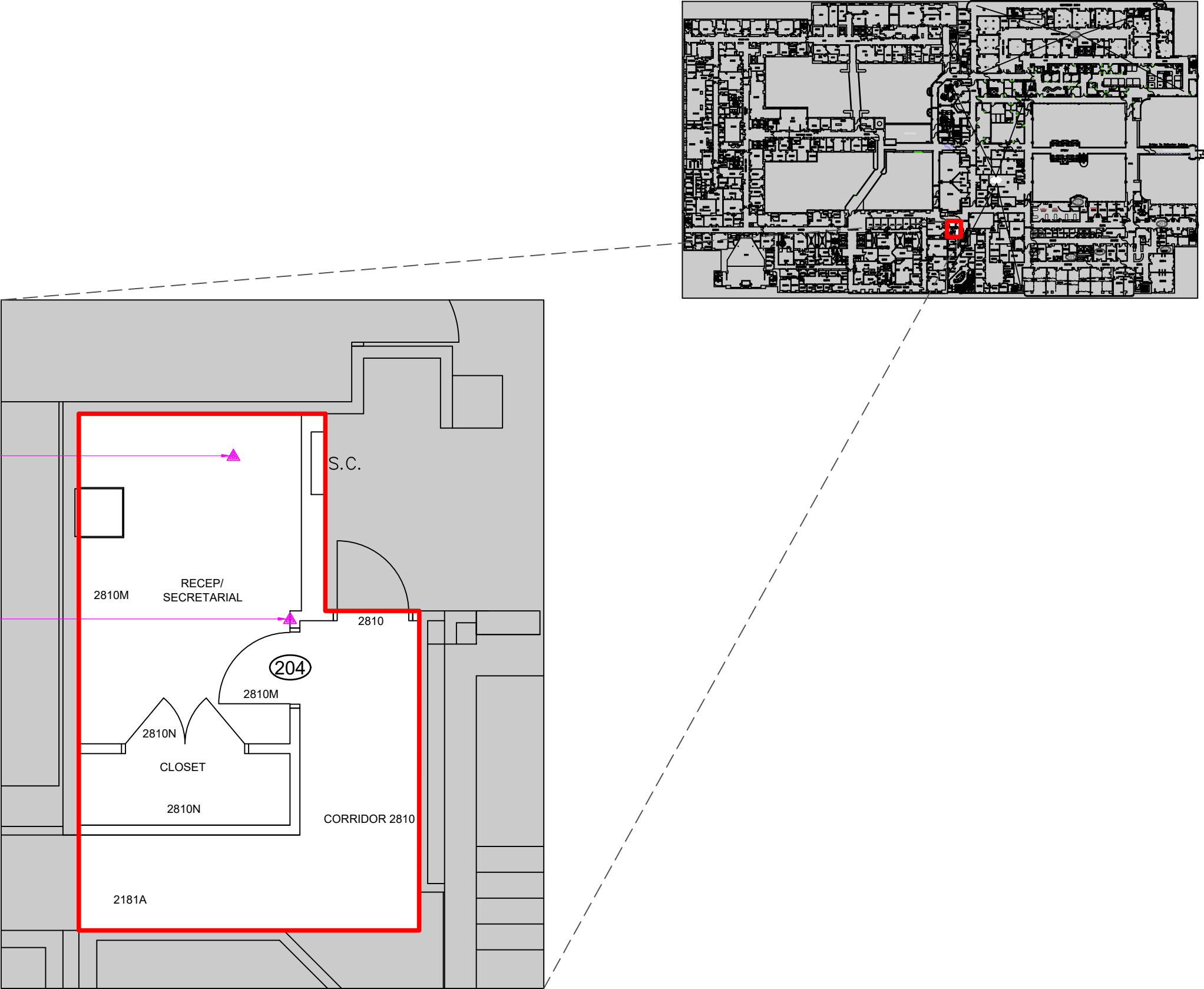
DATE:

SEPTEMBER 2025

FIGURE NUMBER:

3 OF 6





- LEGEND**
- OUTSIDE ASSESSMENT SCOPE
 - SURVEY BOUNDARY/ASSESSED AREA
 - PINCHIN LOCATION NUMBER
 - NAR NO ACCESS TO ROOM/AREA
 - ASBESTOS BULK SAMPLE
 - LEAD BULK SAMPLE
 - ASBESTOS-CONTAINING MATERIALS:
 - SPRAYED FIREPROOFING
 - CEILING TILE
 - PIPE INSULATION

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS REASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

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



PROJECT NAME: HAZARDOUS BUILDING MATERIALS ASSESSMENT	
CLIENT NAME: THE HOSPITAL FOR SICK CHILDREN BLACK WING	
PROJECT LOCATION: SICK HILDREN ATRIUM BUILDING 555 UNIVERSITY AVENUE TORONTO, ONTARIO	
FIGURE NAME: 2ND FLOOR	
PROJECT NUMBER: 0348099.000	SCALE: NOT TO SCALE
DRAWN BY: JM	REVIEWED BY: PS
DATE: SEPTEMBER 2025	FIGURE NUMBER: 6 OF 6

APPENDIX II-A
Asbestos Analytical Certificates



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for sick children, TP1, Atrium Wing- 555 University Ave
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306135 Revision 1
Analyst(s): E. Cianni / K. Cockburn

Date Received:	December 21, 2023	Samples Submitted:	15
Date Analyzed:	January 3, 2024	Phases Analyzed:	21

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.

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.

Revision History:

Revision 1 (2024-01-08)	Revised sample locations (S0026A, S0027A, S0028A).
-------------------------	--

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 Name: Hospital for sick children, TP1, Atrium Wing- 555 University Ave
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306135 Revision 1
Date Analyzed: January 3, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0025A Wall, Ceramic Tile Thinset, Loc:29, P2 East Parking Area	2 Phases: a) Homogeneous, light grey, hard, cementitious material. b) Homogeneous, dark grey, hard, cementitious material.	None Detected None Detected	Non-Fibrous Material > 75% Non-Fibrous Material > 75%
Comments:	Ceramic tile and cellulose are present on the surface of this sample.		
S0025B Wall, Ceramic Tile Thinset, Loc:29, P2 East Parking Area	2 Phases: a) Homogeneous, light grey, hard, cementitious material. b) Homogeneous, dark grey, hard, cementitious material.	None Detected None Detected	Non-Fibrous Material > 75% Non-Fibrous Material > 75%
Comments:	Ceramic tile and cellulose are present on the surface of this sample.		
S0025C Wall, Ceramic Tile Thinset, Loc:29, P2 East Parking Area	Homogeneous, light grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze. Ceramic tile and cellulose are present on the surface of this sample.		
S0026A Yellow Mastic Behind Rubber Baseboard, Loc: 101, Data Centre Area and Corridor	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for sick children, TP1, Atrium Wing- 555 University Ave
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306135 Revision 1
Date Analyzed: January 3, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0026B Yellow Mastic Behind Rubber Baseboard, Loc:312, Department of Pediatric Labratory Medicine Offices	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0026C Yellow Mastic Behind Rubber Baseboard, Loc:400, Room 4722 And Corridor	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0027A Floor, Mastic under carpet, Loc: 108, Office Area and Corridor	Non-homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Synthetic fibres are present on the surface of this sample.		
S0027B Floor, Mastic under carpet, Loc:400, Room 4722 And Corridor	Non-homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Synthetic fibres are present on the surface of this sample.		
S0027C Floor, Mastic under carpet, Loc:502, 5755- Unit Offices	Non-homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Synthetic fibres are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for sick children, TP1, Atrium Wing- 555 University Ave
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306135 Revision 1
Date Analyzed: January 3, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0028A Floor, Ceramic Tiles, Thinset, Loc: 107, Office Area	3 Phases: a) Homogeneous, light grey, smooth, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, light grey, layered, rocky, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0028B Floor, Ceramic Tiles, Thinset, Loc:30, Elevator Vestibule	2 Phases: a) Homogeneous, light grey, smooth, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, light grey, layered, rocky, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
S0028C Floor, Ceramic Tiles, Thinset, Loc:30, Elevator Vestibule	2 Phases: a) Homogeneous, light grey, smooth, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, light grey, layered, rocky, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for sick children, TP1, Atrium Wing- 555 University Ave
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306135 Revision 1
Date Analyzed: January 3, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0029A Caulking, Black Butyl Caulking, Loc:317, East Corridor	Homogeneous, black, soft, sticky material.	None Detected	Non-Fibrous Material > 75%
S0029B Caulking, Black Butyl Caulking, Loc:317, East Corridor	Homogeneous, black, soft, sticky material.	None Detected	Non-Fibrous Material > 75%
S0029C Caulking, Black Butyl Caulking, Loc:317, East Corridor	Homogeneous, black, soft, sticky material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Reporting Analyst:

Analyzed by:
 Reviewed by:
 Report Sent by:

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for sick children	Project Address:	Atrium Wing- 555 University Ave
Portfolio/Building No:	TP1	Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@hotmail.com
CC Results to:	David Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	December 21 2023	Required by:	December 29 2023
# of Samples:	15	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1993	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		128102/2023111312082532	
To be Completed by Lab Personnel Only:			
Lab Reference #:	0306135 KP		Time: 24 hour clock
Received by:	DEC 21 2023	Date: Jan 3, 2024	Month Day Year
Name(s) of Analyst(s): al/K.C			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0025	A	Wall, Ceramic Tile Thinset, Loc: 29, P2 East Parking Area a) ND b) ND
S	0025	B	Wall, Ceramic Tile Thinset, Loc: 29, P2 East Parking Area a) ND b) ND
S	0025	C	Wall, Ceramic Tile Thinset, Loc: 29, P2 East Parking Area ND
S	0026	A	Yellow Mastic Behind Rubber Baseboard, Loc: 110, Date Centre Area And Corridor ND
S	0026	B	Yellow Mastic Behind Rubber Baseboard, Loc: 312, Department of Pediatric Laboratory Medicine Offices ND
S	0026	C	Yellow Mastic Behind Rubber Baseboard, Loc: 400, Room 4722 And Corridor ND
S	0027	A	Floor, Mastic under carpet, Loc: 111, Corridor ND
S	0027	B	Floor, Mastic under carpet, Loc: 400, Room 4722 And Corridor ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0027	C	Floor, Mastic under carpet, Loc: 502, 5755- Unit Offices ND
S	0028	A	Floor, Ceramic Tiles, Thinset, Loc: 115, Washrooms a) ND b) ND c) ND
S	0028	B	Floor, Ceramic Tiles, Thinset, Loc: 30, Elevator Vestibule a) ND b) ND
S	0028	C	Floor, Ceramic Tiles, Thinset, Loc: 30, Elevator Vestibule a) ND b) ND
S	0029	A	Caulking, Black Butyl Caulking, Loc: 317, East Corridor ND
S	0029	B	Caulking, Black Butyl Caulking, Loc: 317, East Corridor ND
S	0029	C	Caulking, Black Butyl Caulking, Loc: 317, East Corridor ND



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Analyst(s): D. Yan

Date Received:	September 9, 2025	Samples Submitted:	9
Date Analyzed:	September 10, 2025	Phases Analyzed:	11

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 Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0124A Structure,Mortar from concrete block,Loc:2034,Room B111	Homogeneous, beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0124B Structure,Mortar from concrete bloc,Loc:2015,Room B117	Homogeneous, beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0124C Structure,Mortar from concrete bloc,Loc:2001,B100A Basement Corridor	Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0125A Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0125B Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0125C Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0126A Structure,Paint,Off White Paint On Concrete Block,Loc:2015,Room B117	Non-homogeneous, off-white and white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0126B Structure, Paint, Off White Paint On Concrete Block, Loc: 2015, Room B117	Non-homogeneous, off-white and white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
S0126C Structure, Mortar, Off White Paint On Concrete Block, Loc: 2001, B100A Basement Corridor	3 Phases: a) Homogeneous, grey, granular, cementitious material. b) Non-homogeneous, pale beige and light green, coating material. c) Homogeneous, white, stretchy coating material.	None Detected None Detected None Detected	Non-Fibrous Material > 75% Non-Fibrous Material > 75% Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Pinchin Ltd.
Date: 2025.09.10
14:11:10-04'00'

Page 3 of 3

Reporting Analyst:

Digitally signed by
Pinchin Ltd.
Date: 2025.09.10
14:10:49-04'00'

Stay in Mississauga

b346912 CM

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

Special Instructions: Don't analyze paint in sample S00124A-C if present. Don't analyze mortar if present in sample S0126A-C if present

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON -Burlon Wing		
Portfolio/Building No:		Pinchin File:	348099		
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com		
CC Email:	Dave Newton	CC Email:	dnewton@pinchin.com		
Date Submitted:	September 08 2025	Required by:	September 9 2025		
# of Samples:	10 g (dy)	Priority:	Rush Turnaround		
Year of Building Construction (Mandatory, Years ONLY):					
Do NOT Stop on Positive (Sample Numbers):			Don't stop positive for plaster samples		
Pinchin Group Company (Mandatory Field):			Pinchin		
HMIS2 Building Reference #:		153909/20258579571734			
To be Completed by Lab Personnel Only:					
Lab Reference #:	SEP 09 2025 CM		Time:	24 hour clock	
Received by:	D. Yan		Date:	Month	Day Year
Name(s) of Analyst(s):					
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)		
S	0124	A	Structure, Mortar from concrete block, Loc:2034, Room B111 ND		
S	0124	B	Structure, Mortar from concrete bloc, Loc:2015, Room B117 ND		
S	0124	C	Struclure, Mortar from concrete bloc, Loc:2001, B100A Basement Corridor ND		
S	0125	A	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0125	B	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0125	C	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0126	A	Structure, Paint, Off White Paint On Concrete Block, Loc:2015, Room B117 ND		
S	0126	B	Structure, Paint, Off White Paint On Concrete Block, Loc:2015, Room B117 ND		
S	0126	C	Structure, Mortar, Off White Paint On Concrete Block, Loc:2001, B100A Basement Corridor a) ND b) ND c) ND		

Analyzed by: DY Sep 10
 Reviewed by: [Signature]
 Report Sent by: [Signature]



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Analyst(s): J. Dacquel / C. Luong

Date Received:	December 21, 2023	Samples Submitted:	51
Date Analyzed:	January 5, 2024	Phases Analyzed:	87

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.

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 Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0009B Interior wall, Drywall And Joint Compound, Loc:9007, Room 5106	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0009C Interior wall, Drywall And Joint Compound, Loc:9069, Room 5115	2 Phases: a) Homogeneous, off-white, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0009D Interior wall, Drywall And Joint Compound, Loc:9067, Room 5114B	2 Phases: a) Homogeneous, off-white, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0009E Interior wall, Drywall And Joint Compound, Loc:9040, Room 5128	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0009F Interior wall, Interior, Drywall And Joint Compound, Loc:9027, Room 5146	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0009G Interior wall, Drywall And Joint Compound, Loc:9026, Room 5143	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0010B Ceiling, Bulkhead, Drywall And Joint Compound, Loc: 7003, 3rd Floor South Corridor	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size.		
S0010C Ceiling, Bulkhead, Drywall And Joint Compound, Loc: 7003, 3rd Floor South Corridor	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0014B Interior, Drywall And Joint Compound, Loc: 2018, Room B109	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0014C Interior, Drywall And Joint Compound, Loc: 2019, Room B109A	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0014D Interior, Drywall And Joint Compound, Loc: 19007, B232A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0014E Interior, Drywall And Joint Compound, Loc:19007, B232A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0048D Wall, Interior, Plaster, Loc:6004, 2nd Floor South Corridor	2 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%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0048E Wall, Interior, Plaster, Loc:6004, 2nd Floor South Corridor	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		
S0048F Wall, All, Plaster, Loc:6003, 2nd Floor East Corridor	4 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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

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Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0048G Wall, All, Plaster, Loc:6003, 2nd Floor East Corridor	4 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, white, layered, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055H Wall, Exterior, Drywall And Joint Compound, Loc:3011, Room S105 Loading Dock	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055I Wall, Exterior, Drywall And Joint Compound, Loc:3011, Room S105 Loading Dock	3 Phases:		
	a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, off-white, soft, cementitious material between cellulose and coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
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Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0062D Wall, Interior, Drywall And Joint Compound, Loc:11038, Room 7116	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0062E Wall, Interior, Drywall And Joint Compound, Loc:11037, Room 7115	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0062F Wall, Interior, Drywall And Joint Compound, Loc:11039, Room 7111	2 Phases: a) Homogeneous, light grey, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0062G Wall, All, Drywall And Joint Compound, Loc:11027, Room 7141	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0063F Interior Wall, All, Drywall And Joint Compound, Loc:6033, Room 2112	2 Phases: a) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound with mica.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0063G Interior Wall, All, Drywall And Joint Compound, Loc:6035, Room 2113	2 Phases: a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, porous, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0082A Mastic, White, Loc: 19010, S246B	Homogeneous, beige, mastic material.	None Detected	Cellulose 10-25% Non-Fibrous Material > 75%
S0082B Mastic, White, Loc: 19010, S246B	Homogeneous, beige, mastic material.	None Detected	Cellulose 10-25% Non-Fibrous Material > 75%
S0082C Mastic, White, Loc: 19010, S246B	Homogeneous, beige, mastic material.	None Detected	Cellulose 10-25% Non-Fibrous Material > 75%
S0083A Grey Sink Mastic, Loc:19009, S246	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0083B Grey Sink Mastic, Loc:19009, S247	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0083C Grey Sink Mastic, Loc:19009, S248	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
S0084A Wall, Ceramic Tiles, Mastic Behind Ceramic Tile, Loc:4052, Room M144	2 Phases: a) Homogeneous, yellow, mastic material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



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Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0084B Wall, Ceramic Tiles, Mastic Behind Ceramic Tiles, Loc:11039, Room 7111	3 Phases: a) Homogeneous, dark yellow, mastic material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, beige, mastic material between coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
S0084C Wall, Interior, Ceramic Tiles, Mastic Behind Ceramic Tiles, Loc:11041, Room 7110A	3 Phases: a) Homogeneous, dark yellow, mastic material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, beige, mastic material between coating material.	None Detected	Non-Fibrous Material > 75%
S0085A Wall, Exterior, Drywall And Joint Compound, Loc:7051, Room 3111	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0085B Wall, Exterior, Drywall And Joint Compound, Loc:7051, Room 3111	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0085C Wall, Exterior, Drywall And Joint Compound, Loc:7048, Room 3119	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0086A Wall, Interior, Drywall And Joint Compound, Loc:7051, Room 3111	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0086B Wall, Interior, Drywall And Joint Compound, Loc:7048, Room 3119	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound between coating material..	None Detected	Non-Fibrous Material > 75%
S0086C Wall, Interior, Drywall And Joint Compound, Loc:7040, Room 3123	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0086D Wall, Interior, Drywall And Joint Compound, Loc:7032, Room 3130	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, porous, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0086E Wall, Interior, Drywall And Joint Compound, Loc:7030, Room 3126	2 Phases: a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0086F Wall, Interior, Drywall And Joint Compound, Loc:7039, Room 3124	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0086G Wall, Interior, Drywall And Joint Compound, Loc:7037, Room 3125	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0087A Wall, Exterior, Plaster, Loc:7048, Room 3119	2 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%
S0087B Wall, Exterior, Plaster, Loc:7047, Room 3120	2 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%



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0087C Wall, Exterior, Plaster, Loc:7046, Room 3121	2 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%
S0087D Wall, Plaster, Loc:7032, Room 3130	4 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%
	d) Homogeneous, off-white, porous, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		
S0087E Wall, Exterior, Plaster, Loc:7024, Room 3132	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306158
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0088A Ceiling, Drywall And Joint Compound, Perimeter Ceiling, Loc:7048, Room 3119	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0088B Ceiling, Drywall And Joint Compound, Perimeter Ceiling, Loc:7048, Room 3119	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0088C Ceiling, Drywall And Joint Compound, Perimeter Ceiling, Loc:7048, Room 3119	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.05
15:32:40-05'00'

Page 12 of 12

Reporting Analyst:

Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.05
15:32:57-05'00'

Analyzed by: C.L.Reviewed by: [Signature]Report Sent by: [Signature]

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

(87)

Client Name:	Hospital for Sick Children	Project Address:	Burton Wing, 555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325715
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	December 21, 2023	Required by:	December 29, 2023
# of Samples:	104 Split 51	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
		Don't stop positive for all DWJC and Plaster samples. Only analyze mastic/thinset for samples S0084A-C	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #:	b306158 KB	Time:	24 hour clock
Received by:	DEC 21 2023	Date:	Month Day Year
Name(s) of Analyst(s):	YMA/C.L.	Jan 05 2024	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0009	B	Interior wall, Drywall And Joint Compound, Loc:9007, Room 5106 NO
S	0009	C	Interior wall, Drywall And Joint Compound, Loc:9069, Room 5115 a) CH O-S-S-I. b) CH O-S-S-I.
S	0009	D	Interior wall, Drywall And Joint Compound, Loc:9067, Room 5114B a) CH O-S-S-I. b) CH O-S-S-I.
S	0009	E	Interior wall, Drywall And Joint Compound, Loc:9040, Room 5128 NO
S	0009	F	Interior wall, Interior, Drywall And Joint Compound, Loc:9027, Room 5146 NO
S	0009	G	Interior wall, Drywall And Joint Compound, Loc:9026, Room 5143 NO
S	0010	B	Ceiling, Bulkhead, Drywall And Joint Compound, Loc:7003, 3rd Floor South Corridor a) NO b) NO

(10)

BACK →

b306158

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0010	C	Ceiling,Bulkhead,Drywall And Joint Compound,Loc:7003,3rd Floor South Corridor ND
S	0014	B	Interior,Drywall And Joint Compound,Loc:2018,Room B109 a) ND b) ND
S	0014	C	Interior, Drywall And Joint Compound,Loc:2019,Room B109A ND
S	0014	D	Interior, Drywall And Joint Compound,Loc:19007,B232A ND
S	0014	E	Interior,Drywall And Joint Compound,Loc:19007,B232A ND
S	0048	D	Wall,Interior,Plaster,Loc:6004,2nd Floor South Corridor a) ND b) ND
S	0048	E	Wall,Interior,Plaster,Loc:6004,2nd Floor South Corridor a) ND b) ND c) ND
S	0048	F	Wall,All,Plaster,Loc:6003,2nd Floor East Corridor a) ND b) ND c) ND d) ND
S	0048	G	Wall,All,Plaster,Loc:6003,2nd Floor East Corridor a) ND b) ND c) ND d) ND
S	0055	H	Wall,Exterior,Drywall And Joint Compound,Loc:3011,Room S105 Loading Dock ND
S	0055	I	Wall,Exterior,Drywall And Joint Compound,Loc:3011,Room S105 Loading Dock a) ND b) ND c) ND
S	0062	D	Wall,Interior,Drywall And Joint Compound,Loc:11038,Room 7116 a) ND b) ND
S	0062	E	Wall,Interior,Drywall And Joint Compound,Loc:11037,Room 7115 ND
S	0062	F	Wall,Interior,Drywall And Joint Compound,Loc:11039,Room 7111 a) ND b) ND
S	0062	G	Wall,All,Drywall And Joint Compound,Loc:11027,Room 7141 a) ND b) ND
S	0063	F	Interior Wall,All,Drywall And Joint Compound,Loc:6033,Room 2112 a) CH0.5-57. b) ND
S	0063	G	Interior Wall,All,Drywall And Joint Compound,Loc:6035,Room 2113 a) ND b) ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0086	F	Wall,Interior,Drywall And Joint Compound,Loc:7039,Room 3124 ND
S	0086	G	Wall,Interior,Drywall And Joint Compound,Loc:7037,Room 3125 ND
S	0087	A	Wall,Exterior,Plaster,Loc:7048,Room 3119 a) ND b) ND
S	0087	B	Wall,Exterior,Plaster,Loc:7047,Room 3120 a) ND b) ND
S	0087	C	Wall,Exterior,Plaster,Loc:7046,Room 3121 a) ND b) ND
S	0087	D	Wall,Plaster,Loc:7032,Room 3130 a) ND b) ND c) ND d) ND
S	0087	E	Wall,Exterior,Plaster,Loc:7024,Room 3132 a) ND b) ND c) ND
S	0088	A	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119 ND
S	0088	B	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119 ND
S	0088	C	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119 ND
S	0089	A	Wall,Interior,Plaster,Loc:7048,Room 3119
S	0089	B	Wall,Interior,Loc:7047,Room 3120
S	0089	C	Wall,Interior,Plaster,Loc:7046,Room 3121
S	0089	D	Wall,Interior,Plaster,Loc:7032,Room 3130
S	0089	E	Wall,Interior,Plaster,Loc:7022,Room 3136
S	0090	A	Mechanical Equipment,Return Air,Mastic,Whitish Grey Mastic,Loc:19013,Rooftop
S	0090	B	Mechanical Equipment,Return Air,Mastic,Whitish Grey Mastic,Loc:19013,Rooftop

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0082	A	Mastic, White, Loc:19010,S246B ND
S	0082	B	Mastic, White, Loc:19010,S246B ND
S	0082	C	Mastic, White, Loc:19010,S246B ND
S	0083	A	Grey Sink Mastic, Loc:19009,S246 ND
S	0083	B	Grey Sink Mastic, Loc:19009,S247 ND
S	0083	C	Grey Sink Mastic, Loc:19009,S248 ND
S	0084	A	Wall, Ceramic Tiles, Mastic Behind Ceramic Tile, Loc:4052, Room M144 a) CH0.5-5% b) ND
S	0084	B	Wall, Ceramic Tiles, Mastic Behind Ceramic Tiles, Loc:11039, Room 7111 a) ND b) ND c) ND
S	0084	C	Wall, Interior, Ceramic Tiles, Mastic Behind Ceramic Tiles, Loc:11041, Room 7110A a) ND b) ND c) ND
S	0085	A	Wall, Exterior, Drywall And Joint Compound, Loc:7051, Room 3111 ND
S	0085	B	Wall, Exterior, Drywall And Joint Compound, Loc:7051, Room 3111 ND
S	0085	C	Wall, Exterior, Drywall And Joint Compound, Loc:7048, Room 3119 ND
S	0086	A	Wall, Interior, Drywall And Joint Compound, Loc:7051, Room 3111 ND
S	0086	B	Wall, Interior, Drywall And Joint Compound, Loc:7048, Room 3119 a) ND b) ND
S	0086	C	Wall, Interior, Drywall And Joint Compound, Loc:7040, Room 3123 ND
S	0086	D	Wall, Interior, Drywall And Joint Compound, Loc:7032, Room 3130 a) ND b) ND
S	0086	E	Wall, Interior, Drywall And Joint Compound, Loc:7030, Room 3126 a) ND b) ND

25



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b347057
Analyst(s): A. Green / K. Cockburn

Date Received:	September 10, 2025	Samples Submitted:	3
Date Analyzed:	September 10, 2025	Phases Analyzed:	4

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 Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b347057
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0127A Structure, Mortar from concrete block, Loc:3039, Room S111	2 Phases: a) Homogeneous, grey, hard, cementitious material. b) Homogeneous, off-white, fibrous material.	None Detected Chrysotile 1-5%	Non-Fibrous Material > 75% Man-Made Vitreous Fibres > 75% Non-Fibrous Material 5-10%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
S0127B Structure, Mortar from concrete block, Loc:3039, Room S111	Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0127C Structure, Mortar from concrete block, Loc:3039, Room S111	Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2025.09.10
14:14:26-04'00'

Page 2 of 2

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2025.09.10
14:14:13-04'00'

Stay in Mississauga

Analyzed by: A.G. Sept 10, 2025
 Reviewed by: [Signature]
 Report Sent by: [Signature]

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

Special Instructions:

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON - Burton Wing
Portfolio/Building No:		Pinchin File:	348099
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Email:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	September 9 2025	Required by:	September 10 2025
# of Samples:	3	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):		Stop positive	
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		153909/20258579571734	

To be Completed by Lab Personnel Only:

Lab Reference #:	<u>0347057</u>	Time:	24 hour clock
Received by:	<u>SEP 10 2025</u>	Date:	Month Day Year
Name(s) of Analyst(s):	<u>A.G., K.C.</u>		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0127	A	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>a) ND b) CH 1-57.</u>
S	0127	B	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>ND</u>
S	0127	C	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>ND</u>

[Handwritten scribbles]

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)



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 Environmental Ltd
2470 Milltower Court
Mississauga ON L5N 7W5

Attn: David Newton

Lab Order ID: 1413517

Analysis ID: 1413517_PLM

Date Received: 7/16/2014

Date Reported: 7/21/2014

Date Amended: 7/22/2014

Project: 86648, Hospital for Sick Kids, Burton
Wing, 555 University Avenue

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Firestopping- 12th Floor Mechanical Room	10% Chrysotile		90% Other	Gray Non Fibrous Homogeneous
1413517PLM_1					Crushed
0001B	Firestopping- 12th Floor Mechanical Room	Not Analyzed			
1413517PLM_2					
0001C	Firestopping- 12th Floor Mechanical Room	Not Analyzed			
1413517PLM_3					
0002A	Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1413517PLM_4					Dissolved
0002B	Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	Not Analyzed			
1413517PLM_5					
0002C	Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	Not Analyzed			
1413517PLM_6					
0003A	Drywall Joint Compound- 11th Floor, Corridor 11100B	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_7					Crushed
0004A	Drywall Joint Compound- 10th Floor, Corridor 10100E	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_8					Crushed

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. Estimated MDL is 0.1%.

Bart Huber (29)

Analyst

Approved Signatory



Bulk Asbestos Analysis

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



Customer: Pinchin Environmental Ltd
2470 Milltower Court
Mississauga ON L5N 7W5

Attn: David Newton

Lab Order ID: 1413517

Analysis ID: 1413517_PLM

Date Received: 7/16/2014

Date Reported: 7/21/2014

Date Amended: 7/22/2014

Project: 86648, Hospital for Sick Kids, Burton
Wing, 555 University Avenue

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005A	Drywall Joint Compound- 9th Floor, Room 9115	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_9					Crushed
0006A	Drywall Joint Compound- 7th Floor, Corridor 7100	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_10					Crushed
0007A	Drywall Joint Compound- 6th Floor, Room 6167	3% Chrysotile		97% Other	White Non Fibrous Homogeneous
1413517PLM_11					Crushed
0008A - A	Plaster- 6th Floor, Room 6130	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_12	finish				Crushed
0008A - B	Plaster- 6th Floor, Room 6130	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1413517PLM_26	base				Crushed
0008B - A	Plaster- 5th Floor, Room 5106	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_13	finish				Crushed
0008B - B	Plaster- 5th Floor, Room 5106	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1413517PLM_24	base				Crushed
0008C - A	Plaster- 3rd Floor, Room 3112	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_14	finish				Crushed

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. Estimated MDL is 0.1%.

Bart Huber (29)

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 Environmental Ltd
2470 Milltower Court
Mississauga ON L5N 7W5

Attn: David Newton

Lab Order ID: 1413517

Analysis ID: 1413517_PLM

Date Received: 7/16/2014

Date Reported: 7/21/2014

Date Amended: 7/22/2014

Project: 86648, Hospital for Sick Kids, Burton
Wing, 555 University Avenue

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0008C - B	Plaster- 3rd Floor, Room 3112	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1413517PLM_25	base				Crushed
0009A	Drywall Joint Compound- 5th Floor, Corridor 5100C	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_15					Crushed
0010A	Drywall Joint Compound- 3rd Floor, Corridor 3100C	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_16					Crushed
0011A	Drywall Joint Compound- 2nd Floor, Room 2105	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_17					Crushed
0012A	Drywall Joint Compound- 2nd Floor, Room 2107	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_18					Crushed
0013A	Drywall Joint Compound- 1st Floor, Corridor 1110F	2% Chrysotile		98% Other	Tan Non Fibrous Homogeneous
1413517PLM_19					Crushed
0014A	Drywall Joint Compound- Basement, Room B109G	None Detected		100% Other	White Non Fibrous Homogeneous
1413517PLM_20					Crushed
0015A - A	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Beige Non Fibrous Homogeneous
1413517PLM_21	tile				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. Estimated MDL is 0.1%.

Bart Huber (29)

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 Environmental Ltd
2470 Milltower Court
Mississauga ON L5N 7W5

Attn: David Newton

Lab Order ID: 1413517

Analysis ID: 1413517_PLM

Date Received: 7/16/2014

Date Reported: 7/21/2014

Date Amended: 7/22/2014

Project: 86648, Hospital for Sick Kids, Burton
Wing, 555 University Avenue

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0015A - B	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Black Non Fibrous Homogeneous
1413517PLM_27	mastic				Dissolved
0015B - A	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Beige Non Fibrous Homogeneous
1413517PLM_22	tile				Dissolved
0015B - B	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Black Non Fibrous Homogeneous
1413517PLM_28	mastic				Dissolved
0015C - A	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Beige Non Fibrous Homogeneous
1413517PLM_23	tile; ashed				Ashed
0015C - B	Vinyl Floor Tile- 12x12, Beige, Room 109G	None Detected		100% Other	Black Non Fibrous Homogeneous
1413517PLM_29	mastic				Dissolved

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Bart Huber (29)

Analyst

Approved Signatory

1413517

Version 1-15-2012

Client:	Pinchin Environmental Ltd.	*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.	 Scientific Analytical Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com
Contact:	David Newton 2470 Milltower Court, Mississauga, ON, Canada		
Address:	905-363-0678		
Phone:	905-363-0681		
Fax:	dnewton@pinchin.com		
Email:			
Project:	86648, Hospital for Sick Kids, Burton Wing, 555 University Avenue		
Client Notes:			
P.O. #:	86648		
Date Submitted:	Jul 15.14		
Analysis:	PLM - Stop Positive		
TurnAroundTime:	4 days		

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
<<			
0001A		Firestopping- 12th Floor Mechnaical Room	
0001B		Firestopping- 12th Floor Mechnaical Room	
0001C		Firestopping- 12th Floor Mechnaical Room	
0002A		Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	
0002B		Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	
0002C		Brown Mastic- Exhaust fan, 12th Floor Mechanical Room	
0003A		Drywall Joint Compound- 11th Floor, Corridor 11100B	
0004A		Drywall Joint Compound- 10th Floor, Corridor 10100E	
0005A		Drywall Joint Compound- 9th Floor, Room 9115	
0006A		Drywall Joint Compound- 7th Floor, Corridor 7100	
0007A		Drywall Joint Compound- 6th Floor, Room 6167	
0008A		Plaster- 6th Floor, Room 6130	
0008B		Plaster- 5th Floor, Room 5106	
0008C		Plaster- 3rd Floor, Room 3112	
0009A		Drywall Joint Compound- 5th Floor, Corridor 5100C	
0010A		Drywall Joint Compound- 3rd Floor, Corridor 3100C	
0011A		Drywall Joint Compound- 2nd Floor, Room 2105	
0012A		Drywall Joint Compound- 2nd Floor, Room 2107	
0013A		Drywall Joint Compound- 3rd Floor, Corridor 1100F	
0014A		Drywall Joint Compound- Basement, Room B109G	
0015A		Vinyl Floor Tile- 12x12, Beige, Room 109G	
0015B		Vinyl Floor Tile- 12x12, Beige, Room 109G	
0015C		Vinyl Floor Tile- 12x12, Beige, Room 109G	
>>			

Accepted



Rejected

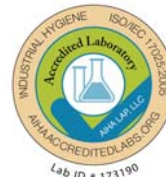


Shelston
7/16 10A



Bulk Asbestos Analysis

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



Customer: Pinchin Ltd.
2470 Milltower Court
Mississauga, ON L5N 7W5

Attn: Christopher Richardson

Lab Order ID: 1726213
Analysis ID: 1726213_PLM
Date Received: 12/8/2017
Date Reported: 12/11/2017

Project: Hospital for Sick Children Burton Wing

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A0016A	Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room,	25% Chrysotile	25% Mineral Wool	50% Other	Gray Fibrous Homogeneous
1726213PLM_1					Teased
A0016B	Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room,	Not Submitted			
1726213PLM_2					
A0016C	Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room,	Not Submitted			
1726213PLM_3					
A0017A	Sprayed Fireproofing on structural steel beams,	20% Chrysotile	40% Mineral Wool	40% Other	Gray Fibrous Homogeneous
1726213PLM_4					Teased
A0017B	Sprayed Fireproofing on structural steel beams,	20% Chrysotile	40% Mineral Wool	40% Other	Gray Fibrous Homogeneous
1726213PLM_5					Teased
A0017C	Sprayed Fireproofing on structural steel beams,	25% Chrysotile	40% Mineral Wool	35% Other	Gray Fibrous Homogeneous
1726213PLM_6					Teased
A0017D	Sprayed Fireproofing on structural steel beams,	25% Chrysotile	40% Mineral Wool	35% Other	Gray Fibrous Homogeneous
1726213PLM_7					Teased
A0017E	Sprayed Fireproofing on structural steel beams,	25% Chrysotile	40% Mineral Wool	35% Other	Gray Fibrous Homogeneous
1726213PLM_8					Teased

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Charmel Dozier (16)

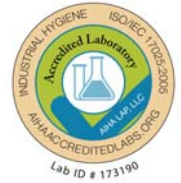
Analyst

Approved Signatory



Bulk Asbestos Analysis

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



Customer: Pinchin Ltd.
2470 Milltower Court
Mississauga, ON L5N 7W5

Attn: Christopher Richardson

Lab Order ID: 1726213
Analysis ID: 1726213_PLM
Date Received: 12/8/2017
Date Reported: 12/11/2017

Project: Hospital for Sick Children Burton Wing

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A0017F	Sprayed Fireproofing on structural steel beams,	25% Chrysotile	40% Mineral Wool	35% Other	Gray Fibrous Homogeneous
1726213PLM_9					Teased
A0017G	Sprayed Fireproofing on structural steel beams,	25% Chrysotile	40% Mineral Wool	35% Other	Gray Fibrous Homogeneous
1726213PLM_10					Teased
A0018A	Vinyl Sheet Flooring, Light Green, B114 Location 2028	30% Chrysotile	5% Cellulose	65% Other	Green Fibrous Homogeneous
1726213PLM_11					Teased, Dissolved
A0018B	Vinyl Sheet Flooring, Light Green, B114 Location 2028	30% Chrysotile	5% Cellulose	65% Other	Green Fibrous Homogeneous
1726213PLM_12					Teased, Dissolved
A0018C	Vinyl Sheet Flooring, Light Green, B114 Location 2038	30% Chrysotile	5% Cellulose	65% Other	Green Fibrous Homogeneous
1726213PLM_13					Teased, Dissolved
A0019A	Parging cement duct insulation, Main Floor Corridor, M100A	40% Chrysotile		60% Other	Gray Fibrous Homogeneous
1726213PLM_14					Teased
A0019B	Parging cement duct insulation, Main Floor Corridor, M100A	40% Chrysotile		60% Other	Gray Fibrous Homogeneous
1726213PLM_15					Teased
A0019C	Parging cement duct insulation, Main Floor Corridor, M100A	40% Chrysotile		60% Other	Brown Fibrous Homogeneous
1726213PLM_16					Teased

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 SAL. 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%.

Charmel Dozier (16)

Analyst

Approved Signatory

172043 1170012

Version 1-15-2012

Client:	Pinchin Environmental Ltd.
Contact:	Christopher Richardson
Address:	2470 Milltower court
Phone:	905-363-0678
Fax:	905-363-0681
Email:	crichardson@pinchin.com
Project:	Hospital for Sick Children Burton Wing
Client Notes:	[Enter Client Notes Here]
P.O. #.	203787
Date Submitted:	12/4/2017 0:00
Analysis:	Bulk PLM
TurnAroundTime:	3 Days

***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)
<<			
A0016A		Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room, 17000	
A0016B		Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room, 17000	
A0016C		Parging cement pipe pipe insulation hot water heating, 12th Floor Mechanical Room, 17000	
A0017A		Sprayed Fireproofing on structural steel beams,	
A0017B		Sprayed Fireproofing on structural steel beams,	
A0017C		Sprayed Fireproofing on structural steel beams,	
A0017D		Sprayed Fireproofing on structural steel beams,	
A0017E		Sprayed Fireproofing on structural steel beams,	
A0017F		Sprayed Fireproofing on structural steel beams,	
A0017G		Sprayed Fireproofing on structural steel beams,	
A0018A		Vinyl Sheet Flooring, Light Green, B114 Location 2028	
A0018B		Vinyl Sheet Flooring, Light Green, B114 Location 2028	

Accepted ☒
Rejected ☐

Shelton 12/8 830A

A0018C

A0019A

A0019B

A0019C

Vinyl Sheet Flooring, Light Green, B114 Location 2038

Parging cement duct insulation, Main Floor Corridor,
M100A

Parging cement duct insulation, Main Floor Corridor,
M100A

Parging cement duct insulation, Main Floor Corridor,
M100A

Isolation ☐
Yucca ☐

>>



Project Name:	Perkins Architects c/o The Hospital for Sick Children, 10th Floor DSS 555 University Avenue, Toronto, Ontario		
Project No.:	0212975.000		
Prepared For:	C. Richardson D. Newton	Date Received:	October 12, 2017
Lab Reference No.:	b178375	Date Analyzed:	October 12, 2017
Analyst(s):	M. Tipgos	# Samples submitted:	10
		# Phases analyzed:	13

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

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%

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 abestos 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: Perkins Architects c/o The Hospital for Sick Children, 10th Floor DSS
 555 University Avenue, Toronto, Ontario
Project No.: 0212975.000
Prepared For: C. Richardson
 D. Newton
Lab Reference No.: b178375
Date Analyzed: October 12, 2017

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
A0020A 24" x 48" random small pencil hole pattern, sampled in room 10128	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	Chrysotile	< 0.5%	Cellulose	25-50%
		Amosite	0.5-5%	Man-made Vitreous Fibres	25-50%
				Perlite	10-25%
				Other Non-Fibrous	0.5-5%
A0020B 24" x 48" random small pencil hole pattern, sampled in room 10129				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
A0020C 24" x 48" random small pencil hole pattern, sampled in room 10130				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
A0021A Grey sprayed fireproofing on steel beams, sampled in Room 10128	Homogeneous, off-white, fibrous material.	Chrysotile	25-50%	Man-made Vitreous Fibres	50-75%
				Non-Fibrous Material	5-10%
Comments:	Foil is present on the surface of this sample.				
A0022A Plaster on south wall in Room 10125	2 Phases: a) Homogeneous, grey, hard, cementitious, plaster base coat. b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected		Non-Fibrous Material	> 75%
		None Detected		Non-Fibrous Material	> 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Perkins Architects c/o The Hospital for Sick Children, 10th Floor DSS
555 University Avenue, Toronto, Ontario
Project No.: 0212975.000
Prepared For: C. Richardson
D. Newton
Lab Reference No.: b178375
Date Analyzed: October 12, 2017

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0022B Plaster on west wall in Room 10123	2 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%
A0022C Plaster on east wall in Room 10107	2 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%
A0023A Drywall on partition wall in Room 10120	2 Phases: a) Homogeneous, off-white, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
A0024A Drywall on partition wall in Room 10119	2 Phases: a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%




Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Perkins Architects c/o The Hospital for Sick Children, 10th Floor DSS
555 University Avenue, Toronto, Ontario
Project No.: 0212975.000
Prepared For: C. Richardson
D. Newton
Lab Reference No.: b178375
Date Analyzed: October 12, 2017

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A0025A Drywall on partition wall in Room 10119	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

 Digitally signed
by Eileen Luong
Date:
2017.10.12
13:17:45 -04'00'

Reporting Analyst:

 Digitally signed
by Eileen Luong
Date: 2017.10.12
13:18:00 -04'00'



Analyzed by:

Reviewed by:

Report Sent by:

HT 2017/10/12

AC
EL

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

Client Name:	Perkins Architects c/o The Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, Ontario
Portfolio/Building No:	10th Floor DSS	Pinchin File:	212975
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	October 11 2017	Required by:	Month Day Year
# of Samples:	10	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):	1976		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	6178375	Time:	24 hour clock
Received by:	OCT 12 2017 JR	Date:	Month Day Year 3
Name(s) of Analyst(s):	Phase 3		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0020	A	24" x 48" random small pencil hole pattern, sampled in room 10128 CH 10-5-16 BH 0.5-5-16
A	0020	B	24" x 48" random small pencil hole pattern, sampled in room 10129 NA
A	0020	C	24" x 48" random small pencil hole pattern, sampled in room 10130 NA
A	0021	A	Grey sprayed fireproofing on steel beams, sampled in Room 10128 CH 25-50-16
A	0022	A	Plaster on south wall in Room 10125 a/100 6/100
A	0022	B	Plaster on west wall in Room 10123 a/100 1/100
A	0022	C	Plaster on east wall in Room 10107 a/100 1/100
A	0023	A	Drywall on partition wall in Room 10120 a/CH 0.5-5-16 1/100 0.5-5-16

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0024	A	Drywall on partition wall in Room 10119 <i>alnd HND Hg</i>
A	0025	A	Drywall on partition wall in Room 10119 <i>ND Hg</i>
A	0028	D	Drywall on partition wall in Room 10119



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Analyst(s): D. Wright

Date Received:	August 9, 2023	Samples Submitted:	33
Date Analyzed:	August 24, 2023	Phases Analyzed:	21

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.

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 Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0026A White paint on concrete, Sub Basement Mechanical (Location 1002).	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0026B White paint on concrete, Sub Basement Mechanical (Location 1002).	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0026C White paint on concrete, Sub Basement Mechanical (Location 1002).	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0027A Grey paint on concrete floor, Sub Basement Mechanical (Location 1002).	Homogeneous, grey, coating material.	None Detected	Non-Fibrous Material > 75%
S0027B Grey paint on concrete floor, Sub Basement Mechanical (Location 1002).	Homogeneous, grey, coating material.	None Detected	Non-Fibrous Material > 75%
S0027C Grey paint on concrete floor, Sub Basement Mechanical (Location 1002).	Homogeneous, grey, coating material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0028A Grey duct mastic on large square ducts (Location 16001).	Homogeneous, grey, mastic material.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
S0028B Grey duct mastic on large square ducts (Location 16001).	Homogeneous, grey, mastic material.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
S0028C Grey duct mastic on large square ducts, Plenum Level (Location 16001).	Homogeneous, grey, mastic material.	None Detected	Cellulose 0.5-5% Non-Fibrous Material > 75%
S0029A Masonry mortar, Plenum Level, (Location 16001).	Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0029B Masonry mortar, Plenum Level, (Location 16001).	Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0029C Masonry mortar, Plenum Level, (Location 16001).	Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0030A Brick Mortar, 12th Floor Mechanical (Location 17000).	Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0030B Brick Mortar, 12th Floor Mechanical (Location 17000).	Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0030C Brick Mortar, 12th Floor Mechanical (Location 17000).	Homogeneous, beige, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0034A Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side.	Homogeneous, green and beige, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0034B Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side.			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0034C Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side.			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0035A Grey caulking on interior metal coil compartments in air handling units in Sub Basement Mechanical Room (Location 1002).	Homogeneous, silver, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0035B Grey caulking on interior metal coil compartments in air handling units in Sub Basement Mechanical Room (Location 1002).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0035C Grey caulking on interior metal coil compartments in air handling units in Sub Basement Mechanical Room (Location 1002).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0036A White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002).	Homogeneous, beige, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0036B White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0036C White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0037A Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000).	Homogeneous, silver, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0037B Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0037C Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0038A Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000).	Homogeneous, grey, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0038B Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0038C Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0039A Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000).	Homogeneous, grey, hard, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: Christopher Richardson

Lab Reference No.: b298446
Date Analyzed: August 24, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0039B Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0039C Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed by
Elizabeth DeCurtis
Date: 2023.08.24
13:46:16-04'00'

Reporting Analyst:

Digitally signed by
Elizabeth DeCurtis
Date: 2023.08.24
13:46:51-04'00'



Analyzed by: DN
Reviewed by: JB
Report Sent by: ZD

b 298446

NOT ACTIVE - Emailed August 9, 2023

Special Instructions:

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

Client Name:	HSC	Project Address:	555 University Avenue, Toronto, ON
Portfolio/Building No:	Burton Wing Project Horizon	Pinchin File:	325718
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:		CC Email:	
Invoice to:		Invoice Email:	
Date Submitted:	Month Day 2021	Required by:	Month Day 2021
# of Samples:	33 SPLIT 1/2	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):	1970		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	b298446 ZD	Time:	24 hour clock
Received by:	August 9, 2023 CH	Date:	8/24/23 Month Day 2021
Name(s) of Analyst(s):	Dulrigh		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0026	A	White paint on concrete, Sub Basement Mechanical (Location 1002). ND
S	0026	B	White paint on concrete, Sub Basement Mechanical (Location 1002). ND
S	0026	C	White paint on concrete, Sub Basement Mechanical (Location 1002). ND
S	0027	A	Grey paint on concrete floor, Sub Basement Mechanical (Location 1002). ND
S	0027	B	Grey paint on concrete floor, Sub Basement Mechanical (Location 1002). ND
S	0027	C	Grey paint on concrete floor, Sub Basement Mechanical (Location 1002). ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0028	A	Grey duct mastic on large square ducts (Location 16001). ND
S	0028	B	Grey duct mastic on large square ducts (Location 16001). ND
S	0028	C	Grey duct mastic on large square ducts, Plenum Level (Location 16001). ND
S	0029	A	Masonry mortar, Plenum Level, (Location 16001). ND
S	0029	B	Masonry mortar, Plenum Level, (Location 16001). ND
S	0029	C	Masonry mortar, Plenum Level, (Location 16001). ND
S	0030	A	Brick Mortar, 12th Floor Mechanical (Location 17000). ND
S	0030	B	Brick Mortar, 12th Floor Mechanical (Location 17000). ND
S	0030	C	Brick Mortar, 12th Floor Mechanical (Location 17000). ND
S	0034	A	Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side. CH 06-61
S	0034	B	Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side. NA
S	0034	C	Black/ green caulking on interior of air handling units in Sub Basement Mechanical (Location 1002). Supply side. NA
S	0035	A	Grey caulking on interior metal coil compartments in air handling units in Sub Bsement Mechanical Room (Location 1002). CH 06-61
S	0035	B	Grey caulking on interior metal coil compartments in air handling units in Sub Bsement Mechanical Room (Location 1002). NA
S	0035	C	Grey caulking on interior metal coil compartments in air handling units in Sub Bsement Mechanical Room (Location 1002). NA
S	0036	A	White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002). CH 06-61

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0036	B	White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002). NA
S	0036	C	White caulking at the base of the exterior of the air handling units in Sub Basement Mechanical Room (Location 1002). NA
S	0037	A	Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000). CH 0.6-6%
S	0037	B	Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000). NA
S	0037	C	Grey caulking in coil compartment on the 12th Floor Mechanical Room (Location 17000). NA
S	0038	A	Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000). CH 0.6-6%
S	0038	B	Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000). NA
S	0038	C	Grey putty on the seams of large round ducts in the 12th Floor Mechanical Room (Location 17000). NA
S	0039	A	Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000). CH 0.6-6%
S	0039	B	Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000). NA
S	0039	C	Grey caulking on exterior seams and penetrations of the air handling units, 12th Floor Mechanical Room (Location 17000). NA



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing 9th and 20th Floor Abatement
555 University Avenue, Toronto, ON
Project No.: 0329430.000
Prepared For: C. Richards on

Lab Reference No.: b296853-A Revision 2
Analyst(s): A. Williams

Date Received: July 28, 2023 **Samples Submitted:** 3
Date Analyzed: August 1, 2023 **Phases Analyzed:** 1

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.

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.

Revision History:

Revision 1 (2024-02-02) Report split. Samples S0032ABC moved from b296853 to b296853-A

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 Name: Hospital for Sick Children, Burton Wing 9th and 20th Floor Abatement
555 University Avenue, Toronto, ON
Project No.: 0329430.000
Prepared For: C. Richardson
Lab Reference No.: b296853-A Revision 2
Date Analyzed: August 1, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0032A Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing.	Homogeneous, yellow, adhesive material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed.		
S0032B Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing.			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0032C Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing.			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2024.02.02
07:59:01-05'00'

Page 2 of 2

Reporting Analyst:
Digitally signed by
Cheryl Hendsbee
Date: 2024.02.02
07:59:19-05'00'



Analyzed by: AZW

Reviewed by: VJB
AD

Report Sent by: _____

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

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON
Portfolio/Building No:	Burton Wing 9th and 20th Floor Abatement	Pinchin File:	329430
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:		CC Email:	
Invoice to:		Invoice Email:	crichardson@pinchin.com
Date Submitted:	July 26 2023	Required by:	Month Day 2021
# of Samples:	6	Priority:	Select
Year of Building Construction (Mandatory Field):	1960	Changed to Rush per CR 8/1/23	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	

To be Completed by Lab Personnel Only: <u>b296853</u>			
Lab Reference #:		Time:	24 hour clock
Received by:	<u>JUL 28 2023</u>	Date:	Month Day 2021
Name(s) of Analyst(s):	<u>AZW</u> <u>Aug 1/23</u>		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0032	A	Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing. <u>CH D.5-ST.</u>
S	0032	B	Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing. <u>- NA -</u>
S	0032	C	Yellow mastic ceramic tile adhesive on concrete block on the 10th Floor of Burton Wing. <u>- NA -</u>
S	0033	A	White and yellow ceramic tile thinset on the 9th Floor of the Burton Wing <u>a) CH D.5-ST. b) ND</u>
S	0033	B	White and yellow ceramic tile thinset on the 9th Floor of the Burton Wing <u>a) NA- b) ND c) ND</u>
S	0033	C	White and yellow ceramic tile thinset on the 9th Floor of the Burton Wing <u>a) NA- b) ND c) ND</u>



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 0327142.001
Prepared For: C. Richards on

La b Reference No.: b299795 Revision 1
Analyst(s): E. Cianni / K. Cockburn

Date Received: September 11, 2023 **Samples Submitted:** 6
Date Analyzed: September 11, 2023 **Phases Analyzed:** 12

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.

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.

Revision History:

Revision 1 (2024-02-02) Samples 32A-C removed.

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 Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 0327142.001
Prepared For: C. Richardson

Lab Reference No.: b299795 Revision 1
Date Analyzed: September 11, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0033A Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room	2 Phases: a) Homogeneous, red, stringy, tape material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, soft, cementitious material.	None Detected	Cellulose 0.5-5% Wollastonite 0.5-5% Non-Fibrous Material > 75%
S0033B Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room	2 Phases: a) Homogeneous, red, stringy, tape material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, soft, cementitious material.	None Detected	Cellulose 0.5-5% Wollastonite 0.5-5% Non-Fibrous Material > 75%
S0033C Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room	2 Phases: a) Homogeneous, red, stringy, tape material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, soft, cementitious material.	None Detected	Cellulose 0.5-5% Wollastonite 0.5-5% Non-Fibrous Material > 75%

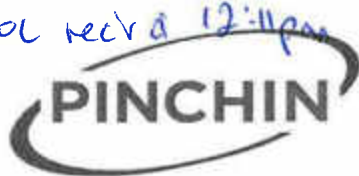
Reviewed by:

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2024.02.02
06:36:40-05'00'

Digitally signed by
Cheryl Hendsbee
Date: 2024.02.02
06:36:28-05'00'

REV COL rec'd 12:11pm 9/11


 Analyzed by: EC
 Reviewed by: OK
 Report Sent by: OK
Special Instructions:
Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON
Portfolio/Building No:		Pinchin File:	327142.001
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:		CC Email:	
Invoice to:		Invoice Email:	crichardson@pinchin.com
Date Submitted:	September 11 2023	Required by:	Month Day 2021
# of Samples:	6	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):	1920		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:			
Lab Reference #:	b299795		Time: 24 hour clock
Received by:	SEP 11 2023	Date: Sept 11, 2023	Month Day 2021
Name(s) of Analyst(s):	EC / K.C.		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0032	A	Sealant on sprinkler pipe threads. Black Wing Generator Room a) ND b) ND
S	0032	B	Sealant on sprinkler pipe threads. Black Wing Generator Room a) ND b) ND
S	0032	C	Sealant on sprinkler pipe threads. Black Wing Generator Room a) ND b) ND
S	0033	A	Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room a) ND b) ND
S	0033	B	Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room a) ND b) ND
S	0033	C	Sealant on sprinkler pipe threads. Burton Wing, Corridor outside of Generator Room a) ND b) ND



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Analyst(s): M. Tiggos / A. Di Giulio

Date Received:	August 9, 2023	Samples Submitted:	30
Date Analyzed:	August 23, 2023	Phases Analyzed:	60

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.

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.

Revision 1 (2023-09-19) Sample(s) re-analyzed to include baseboards (S0045A-C).

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 Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0040A Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000).	2 Phases: a) Homogeneous, grey and green, rubbery material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white and beige, soft, cementitious material with woven fibres.	None Detected	Cotton 25-50% Non-Fibrous Material 50-75%
S0040B Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000).	2 Phases: a) Homogeneous, grey and green, rubbery material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white and beige, soft, cementitious material with woven fibres.	None Detected	Cotton 25-50% Non-Fibrous Material 50-75%
S0040C Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000).	3 Phases: a) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, green, sticky material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, beige and white, soft, cementitious material with woven fibres.	None Detected	Cotton 25-50% Non-Fibrous Material 50-75%
S0041A Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000).	Homogeneous, brown, rubbery material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0041B Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0041C Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0042A Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000).	2 Phases: a) Homogeneous, grey, sticky mastic material. b) Homogeneous, red, rubbery, mastic material	Chrysotile 5-10% Chrysotile 0.5-5%	Non-Fibrous Material > 75% Non-Fibrous Material > 75%
S0042B Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0042C Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000).			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0043A Plaster on walls in the 7th Floor Corridor.	2 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%
S0043B Plaster on walls in the 7th Floor Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0043C Plaster on walls in the 7th Floor Corridor.	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%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0044A Plaster on walls in the 6th Floor Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0044B Plaster on walls in the 6th Floor Corridor.	2 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%
S0044C Plaster on walls in the 6th Floor Corridor.	2 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%
S0045A vinyl base boards on walls in the 6th Floor Corridor.	2 Phases: a) Homogeneous, brown, adhesive material on baseboard.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, consolidated, baseboard material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0045B vinyl base boards on walls in the 6th Floor Corridor.	2 Phases: a) Homogeneous, brown, adhesive material on baseboard.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, consolidated, baseboard material.	None Detected	Non-Fibrous Material > 75%
S0045C vinyl base boards on walls in the 6th Floor Corridor.	2 Phases: a) Homogeneous, brown, adhesive material on baseboard.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, consolidated, baseboard material.	None Detected	Non-Fibrous Material > 75%
S0046A Plaster on walls in the 4th Floor Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0046B Plaster on walls in the 4th Floor Corridor.	2 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%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0046C Plaster on walls in the 4th Floor Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0047A Plaster on walls in the 3rd Floor Corridor.	2 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%
S0047B Plaster on walls in the 3rd Floor Corridor.	2 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%
S0047C Plaster on walls in the 3rd Floor Corridor.	3 Phases:		
	a) Homogeneous, beige, 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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0048A Plaster on walls in the 2nd Floor Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0048B Plaster on walls in the 2nd Floor Corridor.	2 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%
S0048C Plaster on walls in the 2nd Floor Corridor.	2 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%
S0049A Plaster on walls in the Service Level Corridor.	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HSC, Burton Wing Project Horizon, 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: C. Richardson

Lab Reference No.: b298447 Revision 1
Date Analyzed: August 23, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0049B Plaster on walls in the Service Level Corridor.	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0049C Plaster on walls in the Service Level Corridor.	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, white, layered, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2023.09.19
09:40:47-04'00'

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2023.09.19
09:40:34-04'00'



REVISION 1

Analyzed by:

Reviewed by:

Report sent by:

Analyzed by:

Reviewed by:

Report sent by:

NOT ACTIVE - Emailed August 9th

Special Instructions:

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

Client Name:	HSC	Project Address:	555 University Avenue, Toronto, ON
Portfolio/Building No:	Burton Wing Project Horizon	Pinchin File:	325718
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:		CC Email:	
Invoice to:		Invoice Email:	
Date Submitted:	Month Day 2021	Required by:	Month Day 2021
# of Samples:	30 SPLIT 2/2	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			1970
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):			Pinchin

To be Completed by Lab Personnel Only:			
Lab Reference #:	6298447 ID	Time:	24 hour clock
Received by:	August 9, 2023 CH	Date:	Month Day 2021
Name(s) of Analyst(s):	ST MT / AD		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0040	A	Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000). a/no b/no
S	0040	B	Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000). a/no b/no
S	0040	C	Textile over seams on large round ducts in the 12th Floor Mechanical Room. (Location 17000). a/no b/no c/no
S	0041	A	Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000). CH 0.5-5.6
S	0041	B	Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000). NG
S	0041	C	Brown mastic on small round ducts in the 12th Floor Mechanical Room. (Location 17000). NG

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0042	A	Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000). <i>Q/CH 5-10% H/CH 0.5-1%</i>
S	0042	B	Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000). <i>NG</i>
S	0042	C	Grey and red mastic on square ducts in the 12th Floor Mechanical Room (Location 17000). <i>NG</i>
S	0043	A	Plaster on walls in the 7th Floor Corridor. <i>AND BIND</i>
S	0043	B	Plaster on walls in the 7th Floor Corridor. <i>AND BIND BIND</i>
S	0043	C	Plaster on walls in the 7th Floor Corridor. <i>AND BIND</i>
S	0044	A	Plaster on walls in the 6th Floor Corridor. <i>AND BIND BIND</i>
S	0044	B	Plaster on walls in the 6th Floor Corridor. <i>AND BIND.</i>
S	0044	C	Plaster on walls in the 6th Floor Corridor. <i>AND BIND</i>
S	0045	A	vinyl base boards on walls in the 6th Floor Corridor. <i>ND BIND</i>
S	0045	B	vinyl base boards on walls in the 6th Floor Corridor. <i>ND BIND</i>
S	0045	C	vinyl base boards on walls in the 6th Floor Corridor. <i>ND BIND</i>
S	0046	A	Plaster on walls in the 4th Floor Corridor. <i>AND BIND BIND</i>
S	0046	B	Plaster on walls in the 4th Floor Corridor. <i>AND BIND</i>
S	0046	C	Plaster on walls in the 4th Floor Corridor. <i>AND BIND BIND</i>
S	0047	A	Plaster on walls in the 3rd Floor Corridor. <i>AND BIND</i>

hr



AD



Revised to 9/19/23

RD

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0047	B	Plaster on walls in the 3rd Floor Corridor. AND b) ND
S	0047	C	Plaster on walls in the 3rd Floor Corridor. AND b) ND AND
S	0048	A	Plaster on walls in the 2nd Floor Corridor. AND b) ND AND
S	0048	B	Plaster on walls in the 2nd Floor Corridor. AND b) ND
S	0048	C	Plaster on walls in the 2nd Floor Corridor. AND b) ND
S	0049	A	Plaster on walls in the Service Level Corridor. AND b) ND
S	0049	B	Plaster on walls in the Service Level Corridor. AND b) ND AND
S	0049	C	Plaster on walls in the Service Level Corridor. AND b) ND AND

29



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Plenum Floor Restoration Project,
555 University Avenue, Toronto, ON
Project No.: 03308 69.000
Prepared For: C. Richardson

Lab Reference No.: b298912 Revision 1
Analyst(s): A. Wells

Date Received: August 28, 2023 **Samples Submitted:** 3
Date Analyzed: September 5, 2023 **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.

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.

Revision History:

Revision 1 (2023-09-15) Sample Identification Numbers revised

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 Name: Hospital for Sick Children, Plenum Floor Restoration Project,
555 University Avenue, Toronto, ON
Project No.: 0330869.000
Prepared For: C. Richardson
Lab Reference No.: b298912 Revision 1
Date Analyzed: September 5, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0050A Grey paint on concrete floor on the Plenum Level.	Homogeneous, grey, coating material.	None Detected	Non-Fibrous Material > 75%
S0050B Grey paint on concrete floor on the Plenum Level.	Homogeneous, grey, coating material.	None Detected	Non-Fibrous Material > 75%
S0050C Grey paint on concrete floor on the Plenum Level.	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2023.09.15
11:35:31-04'00'

Page 2 of 2

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2023.09.15
11:35:20-04'00'

Analyzed by: LBReviewed by: LBReport Sent by: LD**Special Instructions:****Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON				
Portfolio/Building No:	Plenum Floor Restoration Project	Pinchin File:	330869				
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com				
CC Results to:		CC Email:					
Invoice to:	crichardson@pinchin.com	Invoice Email:					
Date Submitted:	Month	Day	2021	Required by:	Month	Day	2021
# of Samples:	3	Priority:	5 Day Turnaround				
Year of Building Construction (Mandatory Field):		1970					
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (Mandatory Field):		Pinchin					

To be Completed by Lab Personnel Only: <u>6298912</u> <u>al</u>					
Lab Reference #:		Time:	24 hour clock		
Received by:	<u>AUG 28 2023</u>	Date:	Month	Day	2021
Name(s) of Analyst(s):	<u>LD 2309-5</u>				

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0001	A	Grey paint on concrete floor on the Plenum Level. <u>LD</u>
S	0001	B	Grey paint on concrete floor on the Plenum Level. <u>LD</u>
S	0001	C	Grey paint on concrete floor on the Plenum Level. <u>LD</u>



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 03294 30.000
Prepared For: C. Richardson

Lab Reference No.: b296681 Revision 1
Analyst(s): C. Luong

Date Received:	July 27, 2023	Samples Submitted:	9
Date Analyzed:	July 28, 2023	Phases Analyzed:	10

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.

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.

Revision History:

Revision 1 (2024-01-24)	Samples S0050ABC - S0052ABC changed to S0051 ABC - S0053ABC
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Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 0329430.000
Prepared For: C. Richardson

Lab Reference No.: b296681 Revision 1
Date Analyzed: July 28, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0051A Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing.	2 Phases: a) Non-homogeneous, yellow and brown, mastic material with fibres. b) Homogeneous, yellow, mastic material.	Chrysotile 25-50% None Detected	Non-Fibrous Material 50-75% Non-Fibrous Material > 75%
Comments:	Metal and man-made vitreous fibres are present on the surface of this sample.		
S0051B Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing.	2 Phases: a) Non-homogeneous, yellow and brown, mastic material with fibres. b) Homogeneous, yellow, mastic material.	None Detected	Not Analyzed Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result. Metal and man-made vitreous fibres are present on the surface of this sample.		
S0051C Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing.	2 Phases: a) Homogeneous, yellow and brown, mastic material with fibres. b) Homogeneous, yellow, mastic material.	None Detected	Not Analyzed Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result. Metal and man-made vitreous fibres are present on the surface of this sample.		
S0052A Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, black, mastic material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Foil and cellulose are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 0329430.000
Prepared For: C. Richardson

Lab Reference No.: b296681 Revision 1
Date Analyzed: July 28, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0052B Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, black, mastic material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Foil and cellulose are present on the surface of this sample.		
S0052C Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, black, mastic material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Foil and cellulose are present on the surface of this sample.		
S0053A Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, light grey, hard, cementitious, plaster material.	None Detected	Vermiculite 10-25% Other Non-Fibrous > 75%
S0053B Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, light grey, hard, cementitious, plaster material.	None Detected	Vermiculite 10-25% Other Non-Fibrous > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON
Project No.: 0329430.000
Prepared For: C. Richardson

Lab Reference No.: b296681 Revision 1
Date Analyzed: July 28, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0053C Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing.	Homogeneous, light grey, hard, cementitious, plaster material.	None Detected	Vermiculite 10-25% Other Non-Fibrous > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2024.01.24
07:57:20-05'00'

Page 4 of 4

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2024.01.24
07:57:10-05'00'

Analyzed by: CIReviewed by: [Signature]Report sent by: ON

PROMO - emailed 9:46 7/27 Active → 2:06 7/27

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

(10)

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON
Portfolio/Building No:		Pinchin File:	329430
Submitted by:	Christopher Richardson	Email:	crichardson@pinchin.com
CC Results to:		CC Email:	
Invoice to:		Invoice Email:	crichardson@pinchin.com
Date Submitted:	July 26 2021	Required by:	Month Day 2021
# of Samples:	9	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			1960
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):			Pinchin

To be Completed by Lab Personnel Only:

Lab Reference #:	b296681 20	Time:	24 hour clock
Received by:	Jul 27 2023	Date:	Month Day 2021
Name(s) of Analyst(s):	CI		July 28 2023

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0050	A	Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing. a) CHAS-507. b) ND
S	0050	B	Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing. a) -NA- b) ND
S	0050	C	Brown mastic adhesive on fiberglass insulation fasteners within perimeter column enclosures on the 9th Floor of Burton Wing. a) -NA- b) ND
S	0051	A	Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing. ND
S	0051	B	Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing. ND
S	0051	C	Black mastic on foil face on fiberglass insulation within perimeter column enclosures on the 9th Floor of Burton Wing. ND
S	0052	A	Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing. ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0052	B	Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing. ND
S	0052	C	Plaster within perimeter within perimeter within perimeter column enclosures on the 9th Floor of Burton Wing. ND



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Analyst(s): R. Janssen

Date Received:	November 13, 2023	Samples Submitted:	52
Date Analyzed:	November 17, 2023	Phases Analyzed:	94

The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) 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.

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: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0054A Floor, All, Terrazzo, Loc:19005, 9th Floor	2 Phases: a) Homogeneous, white, hard, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0054B Floor, All, Terrazzo, Loc:19005, 9th Floor	2 Phases: a) Homogeneous, white, hard, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0054C Floor, All, Terrazzo, Loc:19005, 9th Floor	2 Phases: a) Homogeneous, white, hard, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0055A Wall, Drywall And Joint Compound, Loc:3040, Room S107	2 Phases: a) Homogeneous, off- white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0055B Wall, Drywall And Joint Compound, Loc:3040, Room S107	2 Phases:		
	a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055C Wall, Drywall And Joint Compound, Loc:3040, Room S107	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055D Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055E Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055F Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0055G Wall, Drywall And Joint Compound, Loc:3027, Room 114J	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0056A Wall, Plaster, Loc:3040, Room S107	2 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%
S0056B Wall, Plaster, Loc:3040, Room S107	4 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, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0056C Wall, Plaster, Loc:3011, Room S105 Loading Dock	5 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, light grey, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	d) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	e) Homogeneous, beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0056D Wall, Plaster, Loc:3011, Room S105 Loading Dock	2 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%
S0056E Wall, All, Plaster, Loc:3027, Room 114J	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0056F Wall, All, Plaster, Loc:3027, Room 114J	2 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%
S0056G Wall, Plaster, Loc:3001, S100A Service Floor Corridor	2 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%
S0057A Ceiling, Drywall And Joint Compound, Loc:3040, Room S107	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0057B Ceiling, Drywall And Joint Compound, Loc:3040, Room S107	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0057C Ceiling, Drywall And Joint Compound, Loc:3040, Room S107	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0058A Ceiling, All, Plaster, Loc:3011, Room S105 Loading Dock	3 Phases: a) Homogeneous, beige, plaster base debris.	Chrysotile <0.5%	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0058B Ceiling, All, Plaster, Loc:3011, Room S105 Loading Dock	3 Phases: a) Homogeneous, beige, plaster base debris.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0058C Ceiling, All, Plaster, Loc:3011, Room S105 Loading Dock	3 Phases: a) Homogeneous, beige, plaster base debris.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0058D Ceiling, All, Plaster, Loc:3011, Room S105 Loading Dock	2 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%
S0058E Ceiling, All, Plaster, Loc:3011, Room S105 Loading Dock	2 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%
S0059A Wall, All, Plaster, Loc:11031, Room 7142	4 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, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0059B Wall, All, Plaster, Loc:11031, Room 7142	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0059C Wall, All, Plaster, Loc:11044, Room 7122	2 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%
S0059D Wall, All, Plaster, Loc:11044, Room 7122	2 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%
S0059E Wall, All, Plaster, Loc:11044, Room 7123	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0060A Mastic, Black, Loc:11044, Room 7122	Homogeneous, black, tar material.	Chrysotile 5-10%	Tar and other Non-Fibrous Material > 75%
S0060B Mastic, Black, Loc:11044, Room 7122			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0060C Mastic, Black, Loc:11044, Room 7122			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0061A Ceiling, Drywall And Joint Compound, Loc:11002, 7th Floor South Corridor	2 Phases: a) Homogeneous, light grey, drywall joint compound. b) Homogeneous, white, drywall joint compound.	None Detected None Detected	Non-Fibrous Material > 75% Non-Fibrous Material > 75%
S0061B Ceiling, Drywall And Joint Compound, Loc:11002, 7th Floor South Corridor	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0061C Ceiling, Drywall And Joint Compound, Loc:11004, 7th Floor Elevator Lobby and North Corridor	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0062A Wall, All, Drywall And Joint Compound, Loc:11042, Room 7118	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0062B Wall, Drywall And Joint Compound, Loc:11022, Room 7134A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0062C Wall, All, Drywall And Joint Compound, Loc:11029, Room 7143A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0063A Wall, Drywall And Joint Compound, Loc:6001, 2nd Floor Corridor and Elevator Lobby	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0063B Wall, Drywall And Joint Compound, Loc:6063, Room 2172D	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0063C Wall, All, Drywall And Joint Compound, Loc:6057, Room 2177 Washroom	2 Phases: a) Homogeneous, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0063D Wall, All, Drywall And Joint Compound, Loc:6062, Room 2172	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



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Lab Reference No.: b304009
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BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0063E Wall, All, Drywall And Joint Compound, Loc:6032, Room 2124 Washroom	Homogeneous, beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0064A Wall, Plaster, Loc:6001, 2nd Floor Corridor and Elevator Lobby	2 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%
S0064B Wall, All, Plaster, Loc:6002, 2nd Floor North Corridor	2 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%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
S0064C Wall, All, Plaster, Loc:6004, 2nd Floor South Corridor	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

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Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0064D Wall, All, Plaster, Loc:6004, 2nd Floor South Corridor	2 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%
s0064E Wall, Plaster, Loc:6001, 2nd Floor Corridor and Elevator Lobby	2 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%
S0065A Floor, Mastic, Mastic Underneath Rubber Flooring, Loc:6001, 2nd Floor Corridor and Elevator Lobby	2 Phases: a) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required. Additional phases are present but were not analyzed, as requested.		
S0065B Floor, Mastic, Mastic Underneath Rubber Flooring, Loc:6003, 2nd Floor East Corridor	2 Phases: a) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required. Additional phases are present but were not analyzed, as requested.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 03257 18.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304009
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0065C Floor, Mastic, Mastic Underneath Rubber Flooring, Loc:6004, 2nd Floor South Corridor	2 Phases: a) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required. Additional phases are present but were not analyzed, as requested.		

Reviewed by:

Reporting Analyst:

Jason Stapleton
2023.11.17 15:10:15-04'00'

Pinchin Ltd.
2023.11.17 14:58:49-04'00'

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:		Project Address:	555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	David Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	November 12 2023	Required by:	November 17 2023
# of Samples:	106 <u>52</u>	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
Do NOT Stop on Positive (Sample Numbers):		Only analyze mastic for samples S00065A-C	
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #:	b304009	Time:	24 hour clock
Received by:	Reid Janssen	Date:	November 13 2023
Name(s) of Analyst(s):		<u>R. Janssen</u>	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0054	A	Floor, All, Terrazzo, Loc: 19005, 9th Floor <u>also bind</u>
S	0054	B	Floor, All, Terrazzo, Loc: 19005, 9th Floor <u>also bind</u>
S	0054	C	Floor, All, Terrazzo, Loc: 19005, 9th Floor <u>also bind</u>
S	0055	A	Wall, Drywall And Joint Compound, Loc: 3040, Room S107 <u>also bind</u>
S	0055	B	Wall, Drywall And Joint Compound, Loc: 3040, Room S107 <u>also bind</u>
S	0055	C	Wall, Drywall And Joint Compound, Loc: 3040, Room S107 <u>no</u>
S	0055	D	Wall, All, Drywall And Joint Compound, Loc: 3023, Room S114A <u>no</u>
S	0055	E	Wall, All, Drywall And Joint Compound, Loc: 3023, Room S114A <u>no</u>
S	0055	F	Wall, All, Drywall And Joint Compound, Loc: 3023, Room S114A <u>no</u>

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0055	G	Wall,Drywall And Joint Compound,Loc:3027,Room 114J MD
S	0056	A	Wall,Plaster,Loc:3040,Room S107 AND BMD
S	0056	B	Wall,Plaster,Loc:3040,Room S107 AND BMD AND BMD
S	0056	C	Wall,Plaster,Loc:3011,Room S105 Loading Dock AND BMD AND BMD AND BMD
S	0056	D	Wall,Plaster,Loc:3011,Room S105 Loading Dock AND BMD
S	0056	E	Wall,All,Plaster,Loc:3027,Room 114J AND BMD
S	0056	F	Wall,All,Plaster,Loc:3027,Room 114J AND BMD
S	0056	G	Wall,Plaster,Loc:3001,S100A Service Floor Corridor AND BMD
S	0057	A	Ceiling,Drywall And Joint Compound,Loc:3040,Room S107 MD
S	0057	B	Ceiling,Drywall And Joint Compound,Loc:3040,Room S107 MD
S	0057	C	Ceiling,Drywall And Joint Compound,Loc:3040,Room S107 MD
S	0058	A	Ceiling,All,Plaster,Loc:3011,Room S105 Loading Dock AND BMD AND BMD
S	0058	B	Ceiling,All,Plaster,Loc:3011,Room S105 Loading Dock AND BMD AND BMD
S	0058	C	Ceiling,All,Plaster,Loc:3011,Room S105 Loading Dock AND BMD AND BMD
S	0058	D	Ceiling,All,Plaster,Loc:3011,Room S105 Loading Dock AND BMD
S	0058	E	Ceiling,All,Plaster,Loc:3011,Room S105 Loading Dock AND BMD
S	0059	A	Wall,All,Plaster,Loc:11031,Room 7142 AND BMD AND BMD AND BMD

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0059	B	Wall, All, Plaster, Loc: 11031, Room 7142 a)MD b)MD c)MD
S	0059	C	Wall, All, Plaster, Loc: 11044, Room 7122 a)MD b)MD
S	0059	D	Wall, All, Plaster, Loc: 11044, Room 7122 a)MD b)MD
S	0059	E	Wall, All, Plaster, Loc: 11044, Room 7123 a)MD b)MD
S	0060	A	Mastic, Black, Loc: 11044, Room 7122 CHS-10
S	0060	B	Mastic, Black, Loc: 11044, Room 7122 (MD)
S	0060	C	Mastic, Black, Loc: 11044, Room 7122 (MD)
S	0061	A	Ceiling, Drywall And Joint Compound, Loc: 11002, 7th Floor South Corridor a)MD b)MD
S	0061	B	Ceiling, Drywall And Joint Compound, Loc: 11002, 7th Floor South Corridor MD
S	0061	C	Ceiling, Drywall And Joint Compound, Loc: 11004, 7th Floor Elevator Lobby and North Corridor MD
S	0062	A	Wall, All, Drywall And Joint Compound, Loc: 11042, Room 7118 MD
S	0062	B	Wall, Drywall And Joint Compound, Loc: 11022, Room 7134A MD
S	0062	C	Wall, All, Drywall And Joint Compound, Loc: 11029, Room 7143A MD
S	0063	A	Wall, Drywall And Joint Compound, Loc: 6001, 2nd Floor Corridor and Elevator Lobby MD
S	0063	B	Wall, Drywall And Joint Compound, Loc: 6063, Room 2172D MD
S	0063	C	Wall, All, Drywall And Joint Compound, Loc: 6057, Room 2177 Washroom a)MD b)MD
S	0063	D	Wall, All, Drywall And Joint Compound, Loc: 6062, Room 2172 MD

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0063	E	Wall,All,Drywall And Joint Compound,Loc:6032,Room 2124 Washroom MD
S	0064	A	Wall,Plaster,Loc:6001,2nd Floor Corridor and Elevator Lobby AND BMD
S	0064	B	Wall,All,Plaster,Loc:6002,2nd Floor North Corridor AND BMD
S	0064	C	Wall,All,Plaster,Loc:6004,2nd Floor South Corridor AND BMD AND
S	0064	D	Wall,All,Plaster,Loc:6004,2nd Floor South Corridor AND BMD
s	0064	E	Wall,Plaster,Loc:6001,2nd Floor Corridor and Elevator Lobby AND BMD
S	0065	A	Floor,Mastic,Mastic Underneath Rubber Flooring,Loc:6001,2nd Floor Corridor and Elevator Lobby AND BMD
S	0065	B	Floor,Mastic,Mastic Underneath Rubber Flooring,Loc:6003,2nd Floor East Corridor AND BMD
S	0065	C	Floor,Mastic,Mastic Underneath Rubber Flooring,Loc:6004,2nd Floor South Corridor AND BMD

18



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b304010
Analyst(s): J. Stapleton

Date Received:	November 13, 2023	Samples Submitted:	54
Date Analyzed:	November 17, 2023	Phases Analyzed:	73

The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) 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.

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 Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0066A Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc:19004, Burton Wing Exterior	Homogeneous, pale beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0066B Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc:19004, Burton Wing Exterior	Homogeneous, pale beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0066C Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc:19004, Burton Wing Exterior	Homogeneous, pale beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0067A Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc:19004, Burton Wing Exterior	Homogeneous, dark grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0067B Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc:19004, Burton Wing Exterior	Homogeneous, dark grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0067C Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc:19004, Burton Wing Exterior	Homogeneous, dark grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

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Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0068A Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc:19004, Burton Wing Exterior	Homogeneous, light grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0068B Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc:19004, Burton Wing Exterior	Homogeneous, light grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0068C Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc:19004, Burton Wing Exterior	Homogeneous, light grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0069A Caulking, Hard Greyish White Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0069B Caulking, Hard Greyish White Caulking, Loc:19004, Burton Wing Exterior			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0069C Caulking, Hard Greyish White Caulking, Loc:19004, Burton Wing Exterior			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

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Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0070A Caulking, Soft Light Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0070B Caulking, Soft Light Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material 50-75%
S0070C Caulking, Soft Light Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0071A Caulking, Light Green Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
S0071B Caulking, Light Green Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
S0071C Caulking, Light Green Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
S0072A Fire Stop, Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0072B Fire Stop, Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%



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Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0072C Fire Stop, Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0073A Caulking, Beige, Loc:19004, Burton Wing Exterior	2 Phases: a) Homogeneous, grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
S0073B Caulking, Beige, Loc:19004, Burton Wing Exterior	2 Phases: a) Homogeneous, grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
S0073C Caulking, Beige, Loc:19004, Burton Wing Exterior	2 Phases: a) Homogeneous, grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
S0074A Caulking, Dark Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0074B Caulking, Dark Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

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Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0074C Caulking, Dark Grey Caulking, Loc:19004, Burton Wing Exterior	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0075A Ceiling, All, Plaster, Loc:6002, 2nd Floor North Corridor	2 Phases: a) Homogeneous, beige, hard, cementitious, plaster base coat debris.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0075B Ceiling, All, Plaster, Loc:6002, 2nd Floor North Corridor	2 Phases: a) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase (plaster base coat) is present but there was insufficient material submitted to analyze.		
S0075C Ceiling, All, Plaster, Loc:6002, 2nd Floor North Corridor	2 Phases: a) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase (plaster base coat) is present but there was insufficient material submitted to analyze.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0075D Ceiling, All, Plaster, Loc:6004, 2nd Floor South Corridor	Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase (plaster base coat) is present but there was insufficient material submitted to analyze.		
S0075E Ceiling, All, Plaster, Loc:6004, 2nd Floor South Corridor	Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase (plaster base coat) is present but there was insufficient material submitted to analyze.		
S0076A Caulking, White, Loc:19005, 9th Floor	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0076B Caulking, White, Loc:19005, 9th Floor	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0076C Caulking, White, Loc:19005, 9th Floor	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0077A Duct, Green Mastic, Loc:19006, 10th Floor	2 Phases: a) Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, green, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cotton fabric reinforcement is present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0077B Duct, Green Mastic, Loc:19006, 10th Floor	2 Phases: a) Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, green, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cotton fabric reinforcement is present on the surface of this sample.		
S0077C Duct, Mastic, Green Mastic, Loc:19005, 9th Floor	Homogeneous, green, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cotton fabric reinforcement is present on the surface of this sample.		
S0078A Floor, Mastic, Loc:3006, Room S102C	Homogeneous, yellow, sticky, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0078B Floor, Mastic, Loc:3006, Room S102C	Homogeneous, yellow, sticky, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0078C Floor, Mastic, Loc:3006, Room S102C	Homogeneous, yellow, sticky, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0079A Plaster on perimeter wall, Loc:5044, Room 1150	3 Phases: a) Homogeneous, beige, 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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0079B Plaster on perimeter wall, Loc:8026, Room 4120	Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase (plaster base coat) is present but there was insufficient material submitted to analyze.		
S0079C Plaster on perimeter wall, Loc:9063, Room 5100B	2 Phases: a) Homogeneous, beige, 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%
S0079D Plaster on perimeter wall, Loc:9, 10053 6109 Open Area And Corridors	3 Phases: a) Homogeneous, beige, 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, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0079E Plaster on perimeter wall, Loc:9, 10053 6109 Open Area And Corridors	3 Phases: a) Homogeneous, beige, 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, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0079F Plaster on perimeter wall, Loc:5020, Room 1124	2 Phases: a) Homogeneous, beige, 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%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0079G Plaster on perimeter wall, Loc:5016, Room 1114	3 Phases: a) Homogeneous, beige, 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, pale beige, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0080A Plaster on perimeter ceiling, Loc:5044, Room 1150	2 Phases: a) Homogeneous, beige, 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%
Comments:	phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0080B Plaster on perimeter ceiling, Loc:5020, Room 1124	2 Phases: a) Homogeneous, beige, 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Avenue, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 04010
Date Analyzed: November 17, 2023

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0080C Plaster on perimeter wall, Loc:5016, Room 1114	2 Phases: a) Homogeneous, beige, 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%
Comments:	Phase a) of this sample is small in size. For more reliable results, a larger sample is required.		
S0081A Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0081B Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0081C Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	This sample is small in size. For more reliable results, a larger sample is required.		

Reviewed by:

Digitally signed by
Karina Cockburn
Date: 2023.11.17
14:31:01-05'00'

Reporting Analyst:

Jason Stapleton
2023.11.17 14:48:45-04'00'

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

Client Name:		Project Address: 555 University Ave, Toronto, ON	
Portfolio/Building No:		Pinchin File: 325718	
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	David Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	November 12 2023	Required by:	November 17 2023
# of Samples:	54	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #:	b304010	Time:	24 hour clock
Received by:	Reid Janssen	Date:	November 13 2023
Name(s) of Analyst(s): <u>I Stapleton</u>			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0066	A	Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc: 19004, Burton Wing Exterior ND
S	0066	B	Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc: 19004, Burton Wing Exterior ND
S	0066	C	Structure, Mortar, Light Grey Mortar From Reddish Brick, Loc: 19004, Burton Wing Exterior ND
S	0067	A	Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc: 19004, Burton Wing Exterior ND
S	0067	B	Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc: 19004, Burton Wing Exterior ND
S	0067	C	Structure, Mortar, Dark Grey Mortar From Brown And Red Brick Pattern, Loc: 19004, Burton Wing Exterior ND
S	0068	A	Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc: 19004, Burton Wing Exterior ND
S	0068	B	Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc: 19004, Burton Wing Exterior ND
S	0068	C	Structure, Mortar, Mortar From Masonry Concrete Block Wall, Loc: 19004, Burton Wing Exterior ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0069	A	Caulking, Hard Greyish White Caulking, Loc: 19004, Burton Wing Exterior CH 0.5-5
S	0069	B	Caulking, Hard Greyish White Caulking, Loc: 19004, Burton Wing Exterior (NA)
S	0069	C	Caulking, Hard Greyish White Caulking, Loc: 19004, Burton Wing Exterior (NA)
S	0070	A	Caulking, Soft Light Grey Caulking, Loc: 19004, Burton Wing Exterior ND
S	0070	B	Caulking, Soft Light Grey Caulking, Loc: 19004, Burton Wing Exterior ND
S	0070	C	Caulking, Soft Light Grey Caulking, Loc: 19004, Burton Wing Exterior ND
S	0071	A	Caulking, Light Green Caulking, Loc: 19004, Burton Wing Exterior ND
S	0071	B	Caulking, Light Green Caulking, Loc: 19004, Burton Wing Exterior ND
S	0071	C	Caulking, Light Green Caulking, Loc: 19004, Burton Wing Exterior ND
S	0072	A	Fire Stop, Caulking, Loc: 19004, Burton Wing Exterior ND
S	0072	B	Fire Stop, Caulking, Loc: 19004, Burton Wing Exterior ND
S	0072	C	Fire Stop, Caulking, Loc: 19004, Burton Wing Exterior ND
S	0073	A	Caulking, Beige, Loc: 19004, Burton Wing Exterior a) ND b) ND
S	0073	B	Caulking, Beige, Loc: 19004, Burton Wing Exterior a) ND b) ND
S	0073	C	Caulking, Beige, Loc: 19004, Burton Wing Exterior a) ND b) ND
S	0074	A	Caulking, Dark Grey Caulking, Loc: 19004, Burton Wing Exterior ND
S	0074	B	Caulking, Dark Grey Caulking, Loc: 19004, Burton Wing Exterior ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0074	C	Caulking, Dark Grey Caulking, Loc: 19004, Burton Wing Exterior ND
S	0075	A	Ceiling, All, Plaster, Loc: 6002, 2nd Floor North Corridor a, ND b, ND
S	0075	B	Ceiling, All, Plaster, Loc: 6002, 2nd Floor North Corridor a, ND b, ND
S	0075	C	Ceiling, All, Plaster, Loc: 6002, 2nd Floor North Corridor a, ND b, ND
S	0075	D	Ceiling, All, Plaster, Loc: 6004, 2nd Floor South Corridor ND
S	0075	E	Ceiling, All, Plaster, Loc: 6004, 2nd Floor South Corridor ND
S	0076	A	Caulking, White, Loc: 19005, 9th Floor ND
S	0076	B	Caulking, White, Loc: 19005, 9th Floor ND
S	0076	C	Caulking, White, Loc: 19005, 9th Floor ND
S	0077	A	Duct Green Mastic, Loc: 19006, 10th Floor a, ND b, ND
S	0077	B	Duct Green Mastic, Loc: 19006, 10th Floor a, ND b, ND
S	0077	C	Duct, Mastic, Green Mastic, Loc: 19005, 9th Floor ND
S	0078	A	Floor, Mastic, Loc: 3006, Room S102C ND
S	0078	B	Floor, Mastic, Loc: 3006, Room S102C ND
S	0078	C	Floor, Mastic, Loc: 3006, Room S102C ND
S	0079	A	Plaster on perimeter wall, Loc: 5044, Room 1150 a, ND b, ND c, ND
S	0079	B	Plaster on perimeter wall, Loc: 8026, Room 4120 ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0079	C	Plaster on perimeter wall, Loc:9063, Room 5100B a) ND b) ND
S	0079	D	Plaster on perimeter wall, Loc:9, 10053 6109 Open Area And Corridors a) ND b) ND c) ND
S	0079	E	Plaster on perimeter wall, Loc:9, 10053 6109 Open Area And Corridors a) ND b) ND c) ND
S	0079	F	Plaster on perimeter wall, Loc:5020, Room 1124 a) ND b) ND
S	0079	G	Plaster on perimeter wall, Loc:5016, Room 1114 a) ND b) ND c) ND
S	0080	A	Plaster on perimeter ceiling, Loc:5044, Room 1150 a) ND b) ND
S	0080	B	Plaster on perimeter ceiling, Loc:5020, Room 1124 a) ND b) ND
S	0080	C	Plaster on perimeter wall, Loc:5016, Room 1114 a) ND b) ND
S	0081	A	Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A ND
S	0081	B	Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A ND
S	0081	C	Wall, All, Drywall And Joint Compound, Loc:3023, Room S114A ND

22



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306159
Analyst(s): A. Williams / N. Barinque

Date Received:	December 21, 2023	Samples Submitted:	53
Date Analyzed:	January 5, 2024	Phases Analyzed:	100

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.

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 Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0089A Wall, Interior, Plaster, Loc: 7048, Room 3119	2 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%
S0089B Wall, Interior, Loc: 7047, Room 3120	2 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%
S0089C Wall, Interior, Plaster, Loc: 7046, Room 3121	2 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%
S0089D Wall, Interior, Plaster, Loc: 7032, Room 3130	2 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%
S0089E Wall, Interior, Plaster, Loc: 7022, Room 3136	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0090A Mechanical Equipment, Return Air, Mastic, Whitish Grey Mastic, Loc:19013, Rooftop	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
S0090B Mechanical Equipment, Return Air, Mastic, Whitish Grey Mastic, Loc:19013, Rooftop	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
S0090C Mechanical Equipment, Return Air, Mastic, Whitish Grey Mastic, Loc:19013, Rooftop	Homogeneous, grey, mastic material.	None Detected	Non-Fibrous Material > 75%
S0091A Wall, Exterior, Plaster, Loc:8024, Room 4118	2 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%
S0091B Wall, Exterior, Plaster, Loc:8020, Room 4115	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0091C Wall, All, Plaster, Loc: 8007, Room 4103	2 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%
S0091D Wall, Exterior, Plaster, Loc: 8012, Room 4107	2 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%
S0092A Interior wall, Drywall And Joint Compound, Loc: 8041, Room 4135 B Telecommunication Room	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0092B Interior wall, Drywall And Joint Compound, Loc: 8041, Room 4135 B Telecommunication Room	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0092C Interior wall, Drywall And Joint Compound, Loc: 8041, Room 4135 B Telecommunication Room	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
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Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0093A Exterior wall, Plaster, Loc: 9008, Room 5106B	2 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%
S0093B Exterior wall, Plaster, Loc: 9069, Room 5115	2 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%
S0093C Exterior wall, Plaster, Loc: 9067, Room 5114B	2 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%
S0093D Exterior wall, Plaster, Loc: 9043, Room 5238B	2 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%
S0094A Wall, Interior, Plaster, Loc: 9043, Room 5238B	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0094B Wall, Interior, Plaster, Loc: 9027, Room 5146	2 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%
S0094C Wall, All, Plaster, Loc: 9005, 5th Floor Corridor North Corridor	2 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%
S0094D Wall, All, Plaster, Loc: 9001, 5th Floor Corridor	2 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%
S0094E Wall, All, Plaster, Loc: 9004, 5th Floor East Corridor	2 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%
S0094F Wall, All, Plaster, Loc: 9004, 5th Floor East Corridor	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0094G Wall, All, Plaster, Loc: 9004, 5th Floor East Corridor	4 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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0095A Ceiling, Plaster, Loc: 19014, Room B230- Print Shop	2 Phases:		
	a) Homogeneous, beige, hard, cementitious, plaster base coat.	Actinolite/T remolite < 0.5%	Vermiculite 10-25% Other Non-Fibrous > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%
S0095B Ceiling, Plaster, Loc: 19014, Room B230- Print Shop	2 Phases:		
	a) Homogeneous, beige, 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%
S0095C Ceiling, Plaster, Loc: 19014, Room B230- Print Shop	2 Phases:		
	a) Homogeneous, beige, hard, cementitious, plaster base coat.	Actinolite/T remolite < 0.5%	Vermiculite 10-25% Other Non-Fibrous > 75%
	b) Homogeneous, white, hard, cementitious, plaster top coat.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0096A Interior Wall, Plaster, Loc: 10057,,Room 6115	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0096B Interior Wall, Plaster, Loc: 10057,,Room 6116	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0096C Interior wall, Plaster, Loc: 10013, Room 6107C	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
S0097A Wall, Exterior, Plaster, Loc: 10011, Room 6107A	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0097B Wall, Exterior, Plaster, Loc: 10072, Room 6184	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%
S0098A Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby	2 Phases:		
	a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0098B Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby	2 Phases:		
	a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0098C Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby	2 Phases:		
	a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
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Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0099A Wall, Interior, Plaster, Loc: 11017, Room 7132	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0099B Wall, Interior, Plaster, Loc: 11015, Room 7130	2 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%
S0099C Wall, Interior, Plaster, Loc: 11011, Room 7126	2 Phases:		
	a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0099D Wall, Interior, Plaster, Loc: 11009, Room 7107	2 Phases:		
	a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0099E Wall, Interior, Plaster, Loc: 11045, Room 7123	2 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%
S0099F Wall, Interior, Plaster, Loc: 11038, Room 7116	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
S0099G Wall, Interior, Plaster, Loc: 11037, Room 7115	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
S0100A Wall, Interior, Drywall And Joint Compound, Loc: 12015, Room 8117	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0100B Wall, Interior, Drywall And Joint Compound, Loc: 12015, Room 8117	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0100C Wall, Interior, Drywall And Joint Compound, Loc: 12015, Room 8117	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0101A Ceiling,Plaster,Loc: 11040, Room 7110	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0101B Ceiling,Plaster,Loc: 11040, Room 7110	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
S0101C Ceiling,Plaster,Loc: 11040, Room 7110	2 Phases: a) Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, hard, cementitious plaster.	None Detected	Non-Fibrous Material > 75%
S0102A Ceiling,Bulkhead,Drywall And Joint Compound, Loc:9013,Room 5134	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0102B Ceiling,Bulkhead,Drywall And Joint Compound, Loc:9013,Room 5134	Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton
Lab Reference No.: b306159
Date Analyzed: January 5, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0102C Ceiling,Bulkhead,Drywall And Joint Compound, Loc:9013, Room 5134	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.05
15:02:57-05'00'

Reporting Analyst:

Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.05
15:02:41-05'00'

Analyzed by: *AW*
 Submitted by: *HC*
 Report Date By: *LD*

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for Sick Children	Project Address:	Burton Wing, 555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	December 21 2023	Required by:	December 29 2023
# of Samples:	104 Split 53	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1972		

Don't stop positive for all DWJC and Plaster samples. Only analyze mastic/thinset for samples S0084A-C

Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #:	<i>b306159 KB</i>	Time:	24 hour clock
Received by:	<i>DEC 21 2023</i>	Date:	Month Day Year
Name(s) of Analyst(s):		<i>AW / NB Jan 5/24</i>	

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0009	B	Interior wall, Drywall And Joint Compound, Loc:9007, Room 5106
S	0009	C	Interior wall, Drywall And Joint Compound, Loc:9069, Room 5115
S	0009	D	Interior wall, Drywall And Joint Compound, Loc:9067, Room 5114B
S	0009	E	Interior wall, Drywall And Joint Compound, Loc:9040, Room 5128
S	0009	F	Interior wall, Interior, Drywall And Joint Compound, Loc:9027, Room 5146
S	0009	G	Interior wall, Drywall And Joint Compound, Loc:9026, Room 5143
S	0010	B	Ceiling, Bulkhead, Drywall And Joint Compound, Loc:7003, 3rd Floor South Corridor

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0010	C	Ceiling,Bulkhead,Drywall And Joint Compound,Loc:7003,3rd Floor South Corridor
S	0014	B	Interior,Drywall And Joint Compound,Loc:2018,Room B109
S	0014	C	Interior, Drywall And Joint Compound,Loc:2019,Room B109A
S	0014	D	Interior, Drywall And Joint Compound,Loc:19007,B232A
S	0014	E	Interior,Drywall And Joint Compound,Loc:19007,B232A
S	0048	D	Wall,Interior,Plaster,Loc:6004,2nd Floor South Corridor
S	0048	E	Wall,Interior,Plaster,Loc:6004,2nd Floor South Corridor
S	0048	F	Wall,All,Plaster,Loc:6003,2nd Floor East Corridor
S	0048	G	Wall,All,Plaster,Loc:6003,2nd Floor East Corridor
S	0055	H	Wall,Exterior,Drywall And Joint Compound,Loc:3011,Room S105 Loading Dock
S	0055	I	Wall,Exterior,Drywall And Joint Compound,Loc:3011,Room S105 Loading Dock
S	0062	D	Wall,Interior,Drywall And Joint Compound,Loc:11038,Room 7116
S	0062	E	Wall,Interior,Drywall And Joint Compound,Loc:11037,Room 7115
S	0062	F	Wall,Interior,Drywall And Joint Compound,Loc:11039,Room 7111
S	0062	G	Wall,All,Drywall And Joint Compound,Loc:11027,Room 7141
S	0063	F	Interior Wall,All,Drywall And Joint Compound,Loc:6033,Room 2112
S	0063	G	Interior Wall,All,Drywall And Joint Compound,Loc:6035,Room 2113

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0082	A	Mastic, White,Loc:19010,S246B
S	0082	B	Mastic, White,Loc:19010,S246B
S	0082	C	Mastic, White,Loc:19010,S246B
S	0083	A	Grey Sink Mastic,Loc:19009,S246
S	0083	B	Grey Sink Mastic,Loc:19009,S247
S	0083	C	Grey Sink Mastic,Loc:19009,S248
S	0084	A	Wall,Ceramic Tiles,Mastic Behind Ceramic Tile,Loc:4052,Room M144
S	0084	B	Wall,Ceramic Tiles,Mastic Behind Ceramic Tiles,Loc:11039,Room 7111
S	0084	C	Wall,Interior,Ceramic Tiles,Mastic Behind Ceramic Tiles,Loc:11041,Room 7110A
S	0085	A	Wall,Exterior,Drywall And Joint Compound,Loc:7051,Room 3111
S	0085	B	Wall,Exterior,Drywall And Joint Compound,Loc:7051,Room 3111
S	0085	C	Wall,Exterior,Drywall And Joint Compound,Loc:7048,Room 3119
S	0086	A	Wall,Interior,Drywall And Joint Compound,Loc:7051,Room 3111
S	0086	B	Wall,Interior,Drywall And Joint Compound,Loc:7048,Room 3119
S	0086	C	Wall,Interior,Drywall And Joint Compound,Loc:7040,Room 3123
S	0086	D	Wall,Interior,Drywall And Joint Compound,Loc:7032,Room 3130
S	0086	E	Wall,Interior,Drywall And Joint Compound,Loc:7030,Room 3126

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0086	F	Wall,Interior,Drywall And Joint Compound,Loc:7039,Room 3124
S	0086	G	Wall,Interior,Drywall And Joint Compound,Loc:7037,Room 3125
S	0087	A	Wall,Exterior,Plaster,Loc:7048,Room 3119
S	0087	B	Wall,Exterior,Plaster,Loc:7047,Room 3120
S	0087	C	Wall,Exterior,Plaster,Loc:7046,Room 3121
S	0087	D	Wall,Plaster,Loc:7032,Room 3130
S	0087	E	Wall,Exterior,Plaster,Loc:7024,Room 3132
S	0088	A	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119
S	0088	B	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119
S	0088	C	Ceiling,Drywall And Joint Compound,Perimeter Ceiling,Loc:7048,Room 3119
S	0089	A	Wall,Interior,Plaster,Loc:7048,Room 3119
S	0089	B	WallInteriorLoc:7047,Room 3120
S	0089	C	Wall,Interior,Plaster,Loc:7046,Room 3121
S	0089	D	Wall,Interior,Plaster,Loc:7032,Room 3130
S	0089	E	Wall,Interior,Plaster,Loc:7022,Room 3136
S	0090	A	Mechanical Equipment,Return Air,Mastic,Whitish Grey Mastic,Loc:19013,Rooftop
S	0090	B	Mechanical Equipment,Return Air,Mastic,Whitish Grey Mastic,Loc:19013,Rooftop

a)ND b)ND

a)ND b)ND

a)ND b)ND

a)ND b)ND

a)ND b)ND

ND

ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0090	C	Mechanical Equipment,Return Air,Mastic,Whitish Grey Mastic,Loc:19013,Rooftop ND
S	0091	A	Wall,Exterior,Plaster,Loc:8024,Room 4118 a)ND b)ND
S	0091	B	Wall,Exterior,Plaster,Loc:8020,Room 4115 a)ND b)ND c)ND
S	0091	C	Wall,All,Plaster,Loc:8007,Room 4103 a)ND b)ND
S	0091	D	Wall,Exterior,Plaster,Loc:8012,Room 4107 a)ND b)ND
S	0092	A	Interior wall,Drywall And Joint Compound,Loc:8041,Room 4135 B Telecommunication Room ND
S	0092	B	Interior wall,Drywall And Joint Compound,Loc:8041,Room 4135 B Telecommunication Room ND
S	0092	C	Interior wall,Drywall And Joint Compound,Loc:8041,Room 4135 B Telecommunication Room ND
S	0093	A	Exterior wall, Plaster,Loc:9008,Room 5106B a)ND b)ND
S	0093	B	Exterior wall, Plaster,Loc:9069,Room 5115 a)ND b)ND
S	0093	C	Exterior wall,Plaster,Loc:9067,Room 5114B a)ND b)ND
S	0093	D	Exterior wall,Plaster,Loc:9043,Room 5238B a)ND b)ND
S	0094	A	Wall,Interior,Plaster,Loc:9043,Room 5238B a)ND b)ND
S	0094	B	Wall,Interior,Plaster,Loc:9027,Room 5146 a)ND b)ND
S	0094	C	Wall,All,Plaster,Loc:9005,5th Floor Corridor North Corridor a)ND b)ND
S	0094	D	Wall,All,Plaster,Loc:9001,5th Floor Corridor a)ND b)ND
S	0094	E	Wall,All,Plaster,Loc:9004,5th Floor East Corridor a)ND b)ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0094	F	Wall, All, Plaster, Loc: 9004, 5th Floor East Corridor a) ND b) ND
S	0094	G	Wall, All, Plaster, Loc: 9004, 5th Floor East Corridor a) ND b) ND c) ND d) ND
S	0095	A	Ceiling, Plaster, Loc: 19014, Room B230- Print Shop a) ACITR LO. ST. b) ND
S	0095	B	Ceiling, Plaster, Loc: 19014, Room B230- Print Shop a) ND b) ND
S	0095	C	Ceiling, Plaster, Loc: 19014, Room B230- Print Shop a) ACITR LO. ST. b) ND
S	0096	A	Interior Wall, Plaster, Loc: 10057, Room 6115 a) ND b) ND
S	0096	B	Interior Wall, Plaster, Loc: 10057, Room 6116 a) ND b) ND
S	0096	C	Interior wall, Plaster, Loc: 10013, Room 6107C a) ND b) ND
S	0097	A	Wall, Exterior, Plaster, Loc: 10011, Room 6107A a) ND b) ND
S	0097	B	Wall, Exterior, Plaster, Loc: 10072, Room 6184 a) ND b) ND c) ND
S	0098	A	Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby a) ND b) ND
S	0098	B	Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby a) ND b) ND
S	0098	C	Ceiling, Drywall And Joint Compound, Loc: 10001, 6th Floor North Corridor and Elevator Lobby a) ND b) ND
S	0099	A	Wall, Interior, Plaster, Loc: 11017, Room 7132 a) ND b) ND c) ND
S	0099	B	Wall, Interior, Plaster, Loc: 11015, Room 7130 a) ND b) ND
S	0099	C	Wall, Interior, Plaster, Loc: 11011, Room 7126 a) ND b) ND
S	0099	D	Wall, Interior, Plaster, Loc: 11009, Room 7107 a) ND b) ND

b 306159

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0099	E	Wall,Interior,Plaster,Loc:11045,Room 7123 a) NID b) NID
S	0099	F	Wall,Interior,Plaster,Loc:11038,Room 7116 a) NID b) NID
S	0099	G	Wall,Interior,Plaster,Loc:11037,Room 7115 a) NID b) NID
S	0100	A	Wall,Interior,Drywall And Joint Compound,Loc:12015,Room 8117 NID
S	0100	B	Wall,Interior,Drywall And Joint Compound,Loc:12015,Room 8117 NID
S	0100	C	Wall,Interior,Drywall And Joint Compound,Loc:12015,Room 8117 NID
S	0101	A	Ceiling,Plaster,Loc:11040,Room 7110 a) NID b) NID
S	0101	B	Ceiling,Plaster,Loc:11040,Room 7110 a) NID b) NID
S	0101	C	Ceiling,Plaster,Loc:11040,Room 7110 a) NID b) NID
S	0102	A	Ceiling,Bulkhead,Drywall And Joint Compound,Loc:9013,Room 5134 NID
S	0102	B	Ceiling,Bulkhead,Drywall And Joint Compound,Loc:9013,Room 5134 NID
S	0102	C	Ceiling,Bulkhead,Drywall And Joint Compound,Loc:9013,Room 5134 a) NID b) NID

NB

19



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b306609
Analyst(s): A. Wells

Date Received:	January 9, 2024	Samples Submitted:	14
Date Analyzed:	January 12, 2024	Phases Analyzed:	21

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.

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 Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 06609
Date Analyzed: January 12, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0103A Ceiling,All,Drywall And Joint Compound,Loc:7042,Room 3107D	2 Phases: a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, tar material.	Chrysotile 0.5-5%	Tar and other Non-Fibrous Material > 75%
Comments:	Phase b) is very small in size. For more reliable results, a larger sample is required.		
S0103B Ceiling,All,Drywall And Joint Compound,Loc:7041,Room 3122	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0103C Ceiling,All,Drywall And Joint Compound,Loc:7041,Room 3123	3 Phases: a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	c) Homogeneous, black, tar material.		Not Analyzed
Comments:	Analysis of phase c) was stopped due to a previous positive result. Phase b) is small in size. For more reliable results, a larger sample is required.		
S0103D Ceiling,All,Drywall And Joint Compound,Loc:7043,Room 3107A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 06609
Date Analyzed: January 12, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0103E Ceiling, All, Drywall And Joint Compound, Loc: 7043, Room 3107A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0104A Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window)	2 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0104B Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window)	3 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, fibrous material.	Chrysotile > 75%	Non-Fibrous Material 0.5-5%
Comments:	Phase c) is small in size and present on the surface of the sample.		
S0104C Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window)	2 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 06609
Date Analyzed: January 12, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0105A Grey caulking, Loc:19006, 10th Floor (sample taken from exterior of window)	2 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0105B Grey caulking, Loc:19006, 10th Floor (sample taken from exterior of window)	2 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0105C Grey caulking, Loc:19006, 10th Floor (sample taken from exterior of window)	2 Phases: a) Homogeneous, green, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0106A Hard grey caulking, Loc:19004, Burton Wing Exterior (sample taken from 2nd floor elevation around window frame)	Homogeneous, grey, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 06609
Date Analyzed: January 12, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0106B Hard grey caulking, Loc:19004, Burton Wing Exterior (sample taken from 2nd floor elevation around window frame)			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0106C Hard grey caulking, Loc:19004, Burton Wing Exterior (sample taken from 2nd floor elevation around window frame)			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.12
14:57:27-05'00'

Page 5 of 5

Reporting Analyst:
Digitally signed by
Elizabeth DeCurtis
Date: 2024.01.12
14:57:43-05'00'

Analyzed by: *He*Reviewed by: *KB*Report Sent by: *LB***Pinchin Ltd. - Asbestos Laboratory**
Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for Sick Children	Project Address:	Burton Wing, 555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	January 08 2024	Required by:	January 11 2024
# of Samples:	14	Priority:	3 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1972		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	126947/202392517330665		

To be Completed by Lab Personnel Only: *b306609*

Lab Reference #:		Time:	24 hour clock		
Received by:	<i>JAN 8 2024</i>	Date:	Month	Day	Year
Name(s) of Analyst(s):	<i>He 2401</i>				

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0103	A	Ceiling, All, Drywall And Joint Compound, Loc: 7042, Room 3107D <i>210000-5-51</i>
S	0103	B	Ceiling, All, Drywall And Joint Compound, Loc: 7041, Room 3122 <i>11</i>
S	0103	C	Ceiling, All, Drywall And Joint Compound, Loc: 7041, Room 3123 <i>210000-5-51 2na</i>
S	0103	D	Ceiling, All, Drywall And Joint Compound, Loc: 7043, Room 3107A <i>11</i>
S	0103	E	Ceiling, All, Drywall And Joint Compound, Loc: 7043, Room 3107A <i>11</i>
S	0104	A	Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window) <i>210000</i>
S	0104	B	Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window) <i>210000 CH 7751</i>
S	0104	C	Grey caulking, Loc: 19005, 9th Floor (sample taken from exterior of window) <i>210000</i>
S	0105	A	Grey caulking, Loc: 19006, 10th Floor (sample taken from exterior of window) <i>210000</i>



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307286
Analyst(s): A. Williams

Date Received:	January 22, 2024	Samples Submitted:	9
Date Analyzed:	January 24, 2024	Phases Analyzed:	12

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.

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: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307286
Date Analyzed: January 24, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0107A Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window)	2 Phases: a) Homogeneous, grey, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
S0107B Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window)	2 Phases: a) Homogeneous, grey, caulking material.		Not Analyzed
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result.		
S0107C Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window)	2 Phases: a) Homogeneous, grey, caulking material.		Not Analyzed
	b) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result.		
S0108A Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window)	2 Phases: a) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307286
Date Analyzed: January 24, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0108B Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window)	3 Phases: a) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, light grey, hard, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0108C Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window)	3 Phases: a) Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, grey, hard, caulking material.		Not Analyzed
Comments:	Analysis of phase c) was stopped due to a previous positive result.		
S0109A Black firestop caulking, Loc:19005, 9th Floor	Homogeneous, black, tar material.	Chrysotile 0.5-5%	Man-Made Vitreous 0.5-5%
			Fibres Mica 5-10% Tar and other Non-Fibrous Material > 75%
S0109B Black firestop caulking, Loc:19005, 9th Floor			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307286
Date Analyzed: January 24, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0109C Black firestop caulking, Loc: 19005, 9th Floor			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Digitally signed by
Pinchin Ltd.
Date: 2024.01.25
07:47:14-05'00'

Reporting Analyst:

Digitally signed by
Pinchin Ltd.
Date: 2024.01.25
07:47:32-05'00'

Analyzed by: AZW
 Reviewed by: KCB
 Report Sent by: KCB

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for Sick Children	Project Address:	Burton Wing, 555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	January 19 2024	Required by:	January 24 2024
# of Samples:	9	Priority:	3 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #:	b 307286 KCB		Time: 24 hour clock
Received by:	JAN 22 2024		Date: Month Day Year
Name(s) of Analyst(s): AZW Jan 24/24			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0107	A	Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window) a) CH 0.5-ST. b) ND
S	0107	B	Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window) a) NA- b) ND
S	0107	C	Grey caulking, Loc:19005, 9th Floor, South Side (exterior of window) a) NA- b) ND
S	0108	A	Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window) a) ND b) ND
S	0108	B	Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window) a) ND b) ND c) CH 0.5-ST.
S	0108	C	Grey caulking, Loc:19006, 10th Floor, South Side (exterior of window) a) ND b) ND c) NA-
S	0109	A	Black firestop caulking, Loc:19005, 9th Floor CH 0.5-ST.
S	0109	B	Black firestop caulking, Loc:19005, 9th Floor NA-
S	0109	C	Black firestop caulking, Loc:19005, 9th Floor -NA-



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 07407
Analyst(s): T. Ly

Date Received:	January 23, 2024	Samples Submitted:	9
Date Analyzed:	January 23, 2024	Phases Analyzed:	15

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-93/1 16: 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.

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: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307407
Date Analyzed: January 23, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0110A 12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007)	3 Phases:		
	a) Homogeneous, beige, consolidated, flooring material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, off-white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		
S0110B 12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007)	2 Phases:		
	a) Homogeneous, beige, consolidated, flooring material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
S0110C 12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007)	3 Phases:		
	a) Homogeneous, beige, consolidated, flooring material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, off-white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307407
Date Analyzed: January 23, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0111A 12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007)	2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, beige, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
S0111B 12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007)	2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.		Not Analyzed
	b) Homogeneous, beige, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result.		
S0111C 12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007)	2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.		Not Analyzed
	b) Homogeneous, beige, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result.		
S0112A Texture coat on drywall wall, Room 1133 (Location 5034)	Homogeneous, beige, textured coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cotton fabric reinforcement and cellulose are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hospital for Sick Children, Burton Wing, 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b307407
Date Analyzed: January 23, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0112B Texture coat on drywall wall, Room 1133 (Location 5034)	Homogeneous, beige, textured coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed, as requested. Cotton fabric reinforcement is present on the surface of this sample.		
S0112C Texture coat on drywall wall, Room 1148D (Location 5086)	Homogeneous, beige, textured coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed, as requested. Cotton fabric reinforcement and cellulose are present on the surface of this sample.		

Reviewed by:

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2024.01.24
11:30:40-05'00'

Digitally signed by
Cheryl Hendsbee
Date: 2024.01.24
11:30:30-05'00'

Analyzed by:

Reviewed by:

Report Sent by:

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hospital for Sick Children	Project Address:	Burton Wing, 555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	January 23 2024	Required by:	January 24 2024
# of Samples:	9	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
		For texture coat samples only analyze the texture coat	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only:			
Lab Reference #: 63074087		Time: 24 hour clock	
Received by:		Date: Month Day Year	
Name(s) of Analyst(s):		01 23 24	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0110	A	12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007) a) ND b) ND c) ND
S	0110	B	12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007) a) ND b) ND
S	0110	C	12"x12" white vinyl floor tiles and mastic, Room 1102 (Location 5007) a) ND b) ND c) ND
S	0111	A	12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007) a) CH 0.5-5% b) ND
S	0111	B	12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007) a) - NA - b) ND
S	0111	C	12"x12" beige with brown and white streaks vinyl floor tiles and mastic, Room 1102 (Location 5007) a) - NA - b) ND
S	0112	A	Texture coat on drywall wall, Room 1133 (Location 5034) ND

$$13 + 2 = 15$$



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b3 08092
Analyst(s): A. Williams

Date Received:	February 6, 2024	Samples Submitted:	8
Date Analyzed:	February 7, 2024	Phases Analyzed:	14

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-93/1 16: 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.

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: 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b308092
Date Analyzed: February 7, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0113A Plaster on interior wall, 8th Floor Corridor (Location 12001)	2 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%
S0113B Plaster on interior wall, 8th Floor Corridor (Location 12001)	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, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0113C Plaster on interior wall, 8th Floor Corridor (Location 12001)	2 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%
S0113D Plaster on interior wall, 8th Floor Corridor (Location 12001)	2 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%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: 555 University Ave, Toronto, ON
Project No.: 0325718.000
Prepared For: P. Sobczynski / D. Newton

Lab Reference No.: b308092
Date Analyzed: February 7, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0113E Plaster on interior wall, 8th Floor Corridor (Location 12001)	2 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%
S0114A Black mastic on steel beam, Room S246A (Location 19009)	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
S0114B Black mastic on steel beam, Room S246A (Location 19009)	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
S0114C Black mastic on steel beam, Room S246A (Location 19009)	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2024.02.07
10:03:44-05'00'

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2024.02.07
10:03:34-05'00'

Analyzed by: AW
 Reviewed by: HB
 Report Sent by: CM

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

Client Name:		Project Address:	555 University Ave, Toronto, ON
Portfolio/Building No:		Pinchin File:	325718
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	David Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	February 6 2024	Required by:	February 7 2024
# of Samples:	8	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1972	
		Don't stop positive for plaster samples	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMS2 Building Reference #:		126947/202392517330665	
To be Completed by Lab Personnel Only: 6308092 al.			
Lab Reference #:	FEB 06 2024	Time:	24 hour clock
Received by:		Date:	Month Day Year
Name(s) of Analyst(s):		AW Feb 7/24	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0113	A	Plaster on interior wall, 8th Floor Corridor (Location 12001) AND BND
S	0113	B	Plaster on interior wall, 8th Floor Corridor (Location 12001) AND BND CND
S	0113	C	Plaster on interior wall, 8th Floor Corridor (Location 12001) AND BND
S	0113	D	Plaster on interior wall, 8th Floor Corridor (Location 12001) AND BND
S	0113	E	Plaster on interior wall, 8th Floor Corridor (Location 12001) AND BND
S	0114	A	Black mastic on steel beam, Room S246A (Location 19009) ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0114	B	Black mastic on steel beam, Room S246A (Location 19009) ND
S	0114	C	Black mastic on steel beam, Room S246A (Location 19009) ND



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: The Hospital for Sick Children, 555 University Ave, Toronto, ON-Burton Wing
Project No.: 0347952.000
Prepared For: P. Sobczynski

Lab Reference No.: b325152
Analyst(s): K. Cockburn

Date Received:	October 8, 2024	Samples Submitted:	8
Date Analyzed:	October 17, 2024	Phases Analyzed:	11

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 Name: The Hospital for Sick Children, 555 University Ave, Toronto, ON - Burton Wing
Project No.: 0347952.000
Prepared For: P. Sobczynski

Lab Reference No.: b325152
Date Analyzed: October 17, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0116A Wall, Interior, Drywall And Joint Compound, Loc:6038, Room 2126	Homogeneous, white, layered, drywall joint compound.	None Detected	Non-Fibrous Material
S0116B Wall, Interior, Drywall And Joint Compound, Loc:6039, Room 2148	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0116C Wall, Interior, Drywall And Joint Compound, Loc:6037, Room 2115	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0116D Wall, Interior, Drywall And Joint Compound, Loc:6071, Room 2115A	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0116E Wall, Interior, Drywall And Joint Compound, Loc:6003, 2nd Floor East Corridor	2 Phases: a) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0117A Red Fire Stop, Caulking, Loc:6049, Room 2184	Homogeneous, red, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: The Hospital for Sick Children, 555 University Ave, Toronto, ON - Burton Wing
Project No.: 0347952.000
Prepared For: P. Sobczynski

Lab Reference No.: b325152
Date Analyzed: October 17, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0117B Red Fire Stop, Caulking, Loc: 6049, Room 2184	2 Phases: a) Homogeneous, red, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Perlite 10-25% Other Non-Fibrous > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
S0117C Red Fire Stop, Caulking, Loc: 6049, Room 2184	2 Phases: a) Homogeneous, red, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Perlite 10-25% Other Non-Fibrous > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2024.10.17
17:07:56-04'00'

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2024.10.17
17:08:15-04'00'

Stay in Mississauga

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

Special Instructions: Don't stop positive for DWJC samples

Report Sent by: _____

Client Name:	The Hospital for Sick Children	Project Address:	555 University Ave. Toronto, ON- Burton Wing
Portfolio/Building No:		Pinchin File:	347952
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	October 08 2024	Required by:	October 15 2024
# of Samples:	8	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):	Don't stop positive for DWJC samples		
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	137215/202461782800081		

To be Completed by Lab Personnel Only:

Lab Reference #:	6325152 a.	Time:	24 hour clock
Received by:	OCT 08 2024	Date:	Month Day Year
Name(s) of Analyst(s):			

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0116	A	Wall, Interior, Drywall And Joint Compound, Loc:6038, Room 2126 ND
S	0116	B	Wall, Interior, Drywall And Joint Compound, Loc:6039, Room 2148 ND
S	0116	C	Wall, Interior, Drywall And Joint Compound, Loc:6037, Room 2115 ND
S	0116	D	Wall, Interior, Drywall And Joint Compound, Loc:6071, Room 2115A ND
S	0116	E	Wall, Interior, Drywall And Joint Compound, Loc:6003, 2nd Floor East Corridor a) ND b) ND
S	0117	A	Red Fire Stop, Caulking, Loc:6049, Room 2184 ND
S	0117	B	Red Fire Stop, Caulking, Loc:6049, Room 2184 a) ND b) ND
S	0117	C	Red Fire Stop, Caulking, Loc:6049, Room 2184 a) ND b) ND

11



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: The Hospital for Sick Children, 555 University Avenue, Toronto, ON - Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b327772
Analyst(s): J. Dacquel / J. Raisch-Berkoff

Date Received:	November 18, 2024	Samples Submitted:	16
Date Analyzed:	November 25, 2024	Phases Analyzed:	27

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: The Hospital for Sick Children, 555 University Avenue, Toronto, ON - Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b327772
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
S0118A Wall, Interior, Drywall And Joint Compound, Loc:6012, Room 2107C	2 Phases: a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
S0118B Wall, Interior, Drywall And Joint Compound, Loc:6012, Room 2107C	2 Phases: a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze. Phase b) is small in size.				
S0118C Wall, Interior, Drywall And Joint Compound, Loc:6012, Room 2107C	2 Phases: a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
S0118D Wall, Interior, Drywall And Joint Compound, Loc:6018, Room 2140	2 Phases: a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: The Hospital for Sick Children, 555 University Avenue, Toronto, ON - Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b327772
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
S0118E Wall, Interior, Drywall And Joint Compound, Loc:6019, Room 2141	3 Phases:				
	a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	c) Homogeneous, yellow, adhesive material.	None Detected		Non-Fibrous Material	> 75%
Comments:	Cellulose and synthetic fibres are present on the surface of this sample. Phase b) and phase c) are small in size.				
S0118F Wall, Interior, Drywall And Joint Compound, Loc:6021, Room 2142 & 2143	2 Phases:				
	a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
S0118G Wall, Interior, Drywall And Joint Compound, Loc:6021, Room 2142 & 2143	2 Phases:				
	a) Homogeneous, pale beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, dark beige, drywall joint compound.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
S0119A Fire Stop, Caulking, Brownish Red, Loc:6058, Room 2111 Electrical Room	Homogeneous, red, caulking material.	None Detected		Non-Fibrous Material	> 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.				



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: The Hospital for Sick Children, 555 University Avenue, Toronto, ON - Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b327772
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0119B Fire Stop, Caulking, Brownish Red, Loc:6058, Room 2111 Electrical Room	Homogeneous, red, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0119C Fire Stop, Caulking, Brownish Red, Loc:6058, Room 2111 Electrical Room	Homogeneous, red, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0120A Fire Stop, Caulking, White, Loc:6058, Room 2111 Electrical Room	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		
S0120B Fire Stop, Caulking, White, Loc:6058, Room 2111 Electrical Room	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		
S0120C Fire Stop, Caulking, White, Loc:6058, Room 2111 Electrical Room	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 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: The Hospital for Sick Children, 555 University Avenue, Toronto, ON - Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski
Lab Reference No.: b327772
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0121A Fire Stop, Caulking, Grey, Loc:6058, Room 2111 Electrical Room	2 Phases: a) Non-homogeneous, dark grey and colourless, caulking material with fibres.	None Detected	Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0121B Fire Stop, Caulking, Grey, Loc:6058, Room 2111 Electrical Room	2 Phases: a) Non-homogeneous, dark grey and colourless, caulking material with fibres.	None Detected	Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0121C Fire Stop, Caulking, Grey, Loc:6058, Room 2111 Electrical Room	2 Phases: a) Non-homogeneous, dark grey and colourless, caulking material with fibres.	None Detected	Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		

Reviewed by:

Digitally signed by
Pinchin Ltd.
Date: 2024.11.25
16:48:22-05'00'

Reporting Analyst:

Digitally signed by
Pinchin Ltd.
Date: 2024.11.25
16:48:42-05'00'

Stay in Mississauga

Nov 25/24

Analyzed by
Reviewed by

JB
[Signature]

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

Special Instructions: Don't stop positive for all DWJC samples

Client Name:	The Hospital for Sick Children	Project Address:	555 University Ave, Toronto, ON- Burton Wing
Portfolio/Building No:		Pinchin File:	350086 348099 per email
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Results to:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	November 18 2024	Required by:	November 22 2024
# of Samples:	16	Priority:	Select
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):		Don't stop positive for all dwjc samples	
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		142178/2024101141388202	

To be Completed by Lab Personnel Only:

Lab Reference #:		Time:	24 hour clock
Received by:	NOV 18 2024	Date:	Month Day Year
Name(s) of Analyst(s):	SILK / JRB		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0118	A	Wall, Interior, Drywall And Joint Compound, Loc: 6012, Room 2107C a) CH O.S.S.I. b) CH O.S.S.I.
S	0118	B	Wall, Interior, Drywall And Joint Compound, Loc: 6012, Room 2107C a) CH O.S.S.I. b) CH O.S.S.I.
S	0118	C	Wall, Interior, Drywall And Joint Compound, Loc: 6012, Room 2107C a) CH O.S.S.I. b) CH O.S.S.I.
S	0118	D	Wall, Interior, Drywall And Joint Compound, Loc: 6018, Room 2140 a) CH O.S.S.I. b) CH O.S.S.I.
S	0118	E	Wall, Interior, Drywall And Joint Compound, Loc: 6019, Room 2141 a) CH O.S.S.I. b) CH O.S.S.I. c) ND
S	0118	F	Wall, Interior, Drywall And Joint Compound, Loc: 6021, Room 2142 & 2143 a) CH O.S.S.I. b) CH O.S.S.I.
S	0118	G	Wall, Interior, Drywall And Joint Compound, Loc: 6021, Room 2142 & 2143 a) CH O.S.S.I. b) CH O.S.S.I.
S	0119	A	Fire Stop, Caulking, Brownish Red, Loc: 6058, Room 2111 Electrical Room ND

(16)

BACK →

b327772

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0119	B	Fire Stop,Caulking,Brownish Red,Loc:6058,Room 2111 Electrical Room ND
S	0119	C	Fire Stop,Caulking,Brownish Red,Loc:6058,Room 2111 Electrical Room ND
S	0120	A	Fire Stop,Caulking,White,Loc:6058,Room 2111 Electrical Room ND
S	0120	B	Fire Stop,Caulking,White,Loc:6058,Room 2111 Electrical Room ND
S	0120	C	Fire Stop,Caulking,White,Loc:6058,Room 2111 Electrical Room ND
S	0121	A	Fire Stop,Caulking,Grey,Loc:6058,Room 2111 Electrical Room a)ND b)ND
S	0121	B	Fire Stop,Caulking,Grey,Loc:6058,Room 2111 Electrical Room a)ND b)ND
S	0121	C	Fire Stop,Caulking,Grey,Loc:6058,Room 2111 Electrical Room a)ND b)ND



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Sick Kids, 555 University Avenue, Toronto, Ontario-BURTON WING
Project No.: 0354238.000
Prepared For: P. Sobczynski

Lab Reference No.: b334643
Analyst(s): N. Barinque

Date Received:	March 28, 2025	Samples Submitted:	6
Date Analyzed:	March 31, 2025	Phases Analyzed:	8

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.

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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.

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Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Sick Kids, 555 University Avenue, Toronto, Ontario-BURTON WING
Project No.: 0354238.000
Prepared For: P. Sobczynski

Lab Reference No.: b334643
Date Analyzed: March 31, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0122A Ceiling, Acoustic Tile, Ceiling Tiles (lay-in), 24" X 48" Pencil Hole Pattern, Loc:3040, Room S107	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-Made Vitreous Fibres 25-50% Perlite 10-25% Other Non-Fibrous 0.5-5%
S0122B Ceiling, Acoustic Tile, Ceiling Tiles (lay-in), 24" X 48" Pencil Hole Pattern, Loc:3040, Room S107	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-Made Vitreous Fibres 25-50% Perlite 10-25% Other Non-Fibrous 0.5-5%
S0122C Ceiling, Acoustic Tile, Ceiling Tiles (lay-in), 24" X 48" Pencil Hole Pattern, Loc:3040, Room S107	Homogeneous, beige, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-Made Vitreous Fibres 25-50% Perlite 10-25% Other Non-Fibrous 0.5-5%
S0123A Structure, Beam, Light grey/off white colored, Fireproofing (fibrous), Loc:3040, Room S107	2 Phases: a) Homogeneous, off-white, fibrous material.	None Detected	Man-Made Vitreous 50-75% Fibres Non-Fibrous Material 25-50%
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0123B Structure, Beam, Light grey/off white colored, Fireproofing (fibrous), Loc:3040, Room S108	2 Phases: a) Homogeneous, off-white, fibrous material.	None Detected	Man-Made Vitreous 50-75% Fibres Non-Fibrous Material 25-50%
	b) Homogeneous, white, soft, cementitious material.	None Detected	Man-Made Vitreous 10-25% Fibres Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Sick Kids, 555 University Avenue, Toronto, Ontario-BURTON WING
Project No.: 0354238.000
Prepared For: P. Sobczynski

Lab Reference No.: b334643
Date Analyzed: March 31, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0123C Structure, Beam, Light grey/off white colored, Fireproofing (fibrous), Loc:3040, Room S109	Homogeneous, off-white, fibrous material.	None Detected	Man-Made Vitreous 50-75% Fibres Non-Fibrous Material 25-50%

Reviewed by:

Reporting Analyst:

MB 25-3-31
 Analyzed by: *hb*
 Reviewed by: *hb*
 Report Sent by: *hb*

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

Special Instructions:

Client Name:	Sick Kids	Project Address:	555 University Avenue, Toronto, Ontario-BURTON WING		
Portfolio/Building No:		Pinchin File:	354238		
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com		
CC Email:	Dave Newton	CC Email:	dnewton@pinchin.com		
Date Submitted:	March 28 2025	Required by:	March 31 2025		
# of Samples:	6	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 #: 116243/20230124112300609313					
To be Completed by Lab Personnel Only: <i>6334643</i>					
Lab Reference #:		Time:	24 hour clock		
Received by:		Date:	Month	Day	Year
Name(s) of Analyst(s): <i>MAR 28 2025</i>					

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0122	A	Ceiling,Acoustic Tile,Ceiling Tiles (lay-in),24" X 48" Pencil Hole Pattern,Loc:3040,Room S107 <i>ND</i>
S	0122	B	Ceiling,Acoustic Tile,Ceiling Tiles (lay-in),24" X 48" Pencil Hole Pattern,Loc:3040,Room S107 <i>ND</i>
S	0122	C	Ceiling,Acoustic Tile,Ceiling Tiles (lay-in),24" X 48" Pencil Hole Pattern,Loc:3040,Room S107 <i>ND</i>
S	0123	A	Structure,Beam,Light grey/off white colored,Fireproofing (fibrous),Loc:3040,Room S107 <i>a) ND b) ND</i>
S	0123	B	Structure,Beam,Light grey/off white colored,Fireproofing (fibrous),Loc:3040,Room S108 <i>a) ND b) ND</i>
S	0123	C	Structure,Beam,Light grey/off white colored,Fireproofing (fibrous),Loc:3040,Room S109 <i>ND</i>



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Analyst(s): D. Yan

Date Received:	September 9, 2025	Samples Submitted:	9
Date Analyzed:	September 10, 2025	Phases Analyzed:	11

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: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0124A Structure,Mortar from concrete block,Loc:2034,Room B111	Homogeneous, beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0124B Structure,Mortar from concrete bloc,Loc:2015,Room B117	Homogeneous, beige, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0124C Structure,Mortar from concrete bloc,Loc:2001,B100A Basement Corridor	Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0125A Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0125B Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0125C Wall,Interior,Plaster,Loc:20 15,Room B117	Homogeneous, pale beige, soft, cementitious, plaster base coat.	None Detected	Vermiculite 5-10% Other Non-Fibrous > 75%
S0126A Structure,Paint,Off White Paint On Concrete Block,Loc:2015,Room B117	Non-homogeneous, off-white and white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b346912
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0126B Structure, Paint, Off White Paint On Concrete Block, Loc: 2015, Room B117	Non-homogeneous, off-white and white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
S0126C Structure, Mortar, Off White Paint On Concrete Block, Loc: 2001, B100A Basement Corridor	3 Phases: a) Homogeneous, grey, granular, cementitious material. b) Non-homogeneous, pale beige and light green, coating material. c) Homogeneous, white, stretchy coating material.	None Detected None Detected None Detected	Non-Fibrous Material > 75% Non-Fibrous Material > 75% Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Pinchin Ltd.
Date: 2025.09.10
14:11:10-04'00'

Page 3 of 3

Reporting Analyst:

Digitally signed by
Pinchin Ltd.
Date: 2025.09.10
14:10:49-04'00'

Stay in Mississauga

b346912 CM

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

Special Instructions: Don't analyze paint in sample S00124A-C if present. Don't analyze mortar if present in sample S0126A-C if present

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON -Burlon Wing		
Portfolio/Building No:		Pinchin File:	348099		
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com		
CC Email:	Dave Newton	CC Email:	dnewton@pinchin.com		
Date Submitted:	September 08 2025	Required by:	September 9 2025		
# of Samples:	10 g (dy)	Priority:	Rush Turnaround		
Year of Building Construction (Mandatory, Years ONLY):					
Do NOT Stop on Positive (Sample Numbers):			Don't stop positive for plaster samples		
Pinchin Group Company (Mandatory Field):			Pinchin		
HMIS2 Building Reference #:		153909/20258579571734			
To be Completed by Lab Personnel Only:					
Lab Reference #:	SEP 09 2025 CM		Time:	24 hour clock	
Received by:	D. Yan		Date:	Month	Day Year
Name(s) of Analyst(s):					
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)		
S	0124	A	Structure, Mortar from concrete block, Loc:2034, Room B111 ND		
S	0124	B	Structure, Mortar from concrete bloc, Loc:2015, Room B117 ND		
S	0124	C	Struclure, Mortar from concrete bloc, Loc:2001, B100A Basement Corridor ND		
S	0125	A	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0125	B	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0125	C	Wall, Interior, Plaster, Loc:2015, Room B117 ND		
S	0126	A	Structure, Paint, Off White Paint On Concrete Block, Loc:2015, Room B117 ND		
S	0126	B	Structure, Paint, Off White Paint On Concrete Block, Loc:2015, Room B117 ND		
S	0126	C	Structure, Mortar, Off White Paint On Concrete Block, Loc:2001, B100A Basement Corridor a) ND b) ND c) ND		

Analyzed by: DY Sep 10
 Reviewed by: [Signature]
 Report Sent by: [Signature]



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b347057
Analyst(s): A. Green / K. Cockburn

Date Received:	September 10, 2025	Samples Submitted:	3
Date Analyzed:	September 10, 2025	Phases Analyzed:	4

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 Name: Hospital for Sick Children, 555 University Avenue, Toronto, ON -Burton Wing
Project No.: 0348099.000
Prepared For: P. Sobczynski

Lab Reference No.: b347057
Date Analyzed: September 10, 2025

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0127A Structure, Mortar from concrete block, Loc: 3039, Room S111	2 Phases: a) Homogeneous, grey, hard, cementitious material. b) Homogeneous, off-white, fibrous material.	None Detected Chrysotile 1-5%	Non-Fibrous Material > 75% Man-Made Vitreous Fibres > 75% Non-Fibrous Material 5-10%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
S0127B Structure, Mortar from concrete block, Loc: 3039, Room S111	Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0127C Structure, Mortar from concrete block, Loc: 3039, Room S111	Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2025.09.10
14:14:26-04'00'

Page 2 of 2

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2025.09.10
14:14:13-04'00'

Stay in Mississauga

Analyzed by: A.G. Sept 10, 2025
 Reviewed by: [Signature]
 Report Sent by: [Signature]

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

Special Instructions:

Client Name:	Hospital for Sick Children	Project Address:	555 University Avenue, Toronto, ON - Burton Wing
Portfolio/Building No:		Pinchin File:	348099
Submitted by:	Patrick Sobczynski	Email:	psobczynski@pinchin.com
CC Email:	Dave Newton	CC Email:	dnewton@pinchin.com
Date Submitted:	September 9 2025	Required by:	September 10 2025
# of Samples:	3	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):		Stop positive	
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		153909/20258579571734	

To be Completed by Lab Personnel Only:

Lab Reference #:	<u>0347057</u>	Time:	24 hour clock
Received by:	<u>SEP 10 2025</u>	Date:	Month Day Year
Name(s) of Analyst(s):	<u>A.G., K.C.</u>		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0127	A	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>a) ND b) CH 1-57.</u>
S	0127	B	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>ND</u>
S	0127	C	Structure, Mortar from concrete block, Loc:3039, Room S111 <u>ND</u>

APPENDIX II-B
Lead Analytical Certificates



Your Project #: 348099
Site#: ATRIUM
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Your C.O.C. #: N/A

Attention: Dave Newton

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2025/09/09
Report #: R8609128
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5B0796

Received: 2025/09/08, 14:58

Sample Matrix: Solid
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Metals in Paint	2	2025/09/09	2025/09/09	CAM SOP-00408	EPA 6010D m

Remarks:

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

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas 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.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas 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 Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas 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 Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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.



Your Project #: 348099
Site#: ATRIUM
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Your C.O.C. #: N/A

Attention: Dave Newton

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2025/09/09
Report #: R8609128
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5B0796

Received: 2025/09/08, 14:58

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager

Email: Nilushi.Mahathantila@bureauveritas.com

Phone# (905) 817-5700

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas 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 Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C5B0796

Report Date: 2025/09/09

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

Bureau Veritas ID		AUWN69			AUWN70			
Sampling Date								
COC Number		N/A			N/A			
	UNITS	L0036, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL,LOC:204,ROOM 2810M AND CORRIDOR	RDL	MDL	L0037, WALL, CONCRETE (POURED), GREY PAINT ON CONCRETE BLOCK WALL,LOC:204,ROOM 2810M AND CORRIDOR	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	<0.00022	0.00022	0.000066	0.00046	0.00030	0.000090	A006009
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								



Bureau Veritas Job #: C5B0796
Report Date: 2025/09/09

Pinchin Ltd
Client Project #: 348099
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Sampler Initials: PS

TEST SUMMARY

Bureau Veritas ID: AUWN69
Sample ID: L0036, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL,LOC:204,ROOM:204M AND CORRIDOR
Matrix: Solid

Collected: 2025/09/08
Shipped: 2025/09/08
Received: 2025/09/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A006009	2025/09/09	2025/09/09	Jolly John

Bureau Veritas ID: AUWN70
Sample ID: L0037, WALL, CONCRETE (POURED), GREY PAINT ON CONCRETE BLOCK WALL,LOC:204,ROOM:204M AND CORRIDOR
Matrix: Solid

Collected: 2025/09/08
Shipped: 2025/09/08
Received: 2025/09/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A006009	2025/09/09	2025/09/09	Jolly John



BUREAU
VERITAS

Bureau Veritas Job #: C5B0796
Report Date: 2025/09/09

Pinchin Ltd
Client Project #: 348099
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Sampler Initials: PS

GENERAL COMMENTS

Sample AUWN69 [L0036, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL,LOC:204,ROOM 2810M AND CORRIDOR

] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used.
Detection limits were adjusted accordingly.

Sample AUWN70 [L0037, WALL, CONCRETE (POURED), GREY PAINT ON CONCRETE BLOCK WALL,LOC:204,ROOM 2810M AND CORRIDOR

] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used.
Detection limits were adjusted accordingly.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C5B0796

Report Date: 2025/09/09

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A006009	Lead (Pb)	2025/09/09	87	75 - 125	<0.00010	%	1.5	35	98	75 - 125

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.



BUREAU
VERITAS

Bureau Veritas Job #: C5B0796

Report Date: 2025/09/09

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Louise Harding, Scientific Specialist

Bureau Veritas 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 Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

RUSH!



NONT-2025-09-1309



6740 Campobello Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
CAM FCD-01191/6

CHAIN OF CUSTODY RECORD

Page ____ of ____

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required	
Company Name: Pinchin Ltd.		Company Name:		Quotation #:		<input type="checkbox"/> Regular TAT (5-7 days) Most analyses	
Contact Name: Patrick Sobczynski		Contact Name:		P.O. #/ AFER:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS	
Address:		Address:		Project #: 348099		Rush TAT (Surcharges will be applied)	
Phone: Fax:		Phone: Fax:		Site Location: 555 University Ave, Toronto, ON		<input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days	
Email: psobczynski@pinchin.com dnewton@pinchin.com		Email:		Site #: Atrium		Date Required: 09-Sep-25	
				Site Location Province: ON		Rush Confirmation #:	
MCE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY				Sampled By: Patrick Sobczynski			
Regulation 153 <input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine <input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> Table 3 <input type="checkbox"/> Agr/ Other <input type="checkbox"/> Table FOR RSC (PLEASE CIRCLE) Y / N		Other Regulations CCME <input type="checkbox"/> Sanitary Sewer Bylaw MISA <input type="checkbox"/> Storm Sewer Bylaw PWQO <input type="checkbox"/> Region Other (Specify) REG 558 (MIN. 3 DAY TAT REQUIRED) REG 406 Table		Analysis Requested # OF CONTAINERS SUBMITTED FIELD FILTERED (CIRCLE) Metals / lig / CVI RECY/ PHIC/ I PHIC/ F2 - F4 VOCs REG 153 METALS & INORGANICS REG 153 ICP/MS METALS REG 153 METALS (Reg. CV/ VU ICP/MS Metals, IWS - B) Lead (Pb) in Paints PCBs HOLD- DO NOT ANALYZE		LABORATORY USE ONLY CUSTODY SEAL Y / (N) Present Intact COOLER TEMPERATURES NA COOLING MEDIA PRESENT: Y / (N) COMMENTS	
Include Criteria on Certificate of Analysis: Y / N		SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS					
SAMPLE IDENTIFICATION		DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX			
L0036, Wall, Drywall and joint compound, Grey Paint On Drywall Wall, Loc:204, Room 2810M and Corridor				BULK			
L0037, Wall, Concrete (poured), Grey Paint On Concrete Block Wall, Loc:204, Room 2810M and Corridor				BULK			
RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #	
Patrick Sobczynski <i>PS</i>	2025.09.08	3:30pm	<i>TREVOR RODRIGUES</i> TREVOR RODRIGUES	2025/09/08	14:58		

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <https://www.bvna.com/coc-terms-and-conditions>



Your Project #: 348099
Site#: BURTON WING
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Your C.O.C. #: N/A

Attention: Dave Newton

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2025/09/09
Report #: R8608914
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5B0784

Received: 2025/09/08, 14:58

Sample Matrix: Solid
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Metals in Paint	2	2025/09/09	2025/09/09	CAM SOP-00408	EPA 6010D m

Remarks:

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

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas 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.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas 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 Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas 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 Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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.



Your Project #: 348099
Site#: BURTON WING
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Your C.O.C. #: N/A

Attention: Dave Newton

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2025/09/09
Report #: R8608914
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5B0784

Received: 2025/09/08, 14:58

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager

Email: Nilushi.Mahathantila@bureauveritas.com

Phone# (905) 817-5700

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C5B0784

Report Date: 2025/09/09

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

Bureau Veritas ID		AUWN25			AUWN26			
Sampling Date								
COC Number		N/A			N/A			
	UNITS	L0067, CEILING, PLASTER, WHITE PAINT ON PLASTER CEILING,LOC:6004,2ND FLOOR SOUTH CORRIDOR	RDL	MDL	L0068, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL,LOC:6072,CORRI DOR 2181A&B	RDL	MDL	QC Batch

Metals

Lead (Pb)	%	0.036	0.00010	0.000030	0.00036	0.00025	0.000075	A006009
-----------	---	-------	---------	----------	---------	---------	----------	---------

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



Bureau Veritas Job #: C5B0784
Report Date: 2025/09/09

Pinchin Ltd
Client Project #: 348099
Site Location: 555 UNIVERSITY AVE, TORONTO, ON
Sampler Initials: PS

TEST SUMMARY

Bureau Veritas ID: AUWN25
Sample ID: L0067, CEILING, PLASTER, WHITE PAINT ON PLASTER CEILING,LOC:6004,2ND FLOOR SOUTH CORRIDOR
Matrix: Solid

Collected: 2025/09/08
Shipped:
Received: 2025/09/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A006009	2025/09/09	2025/09/09	Jolly John

Bureau Veritas ID: AUWN26
Sample ID: L0068, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL,LOC:6078,CORRIDOR 2181A&B
Matrix: Solid

Collected: 2025/09/08
Shipped:
Received: 2025/09/08

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A006009	2025/09/09	2025/09/09	Jolly John



BUREAU
VERITAS

Bureau Veritas Job #: C5B0784

Report Date: 2025/09/09

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

GENERAL COMMENTS

Sample AUWN26 [L0068, WALL, DRYWALL AND JOINT COMPOUND, GREY PAINT ON DRYWALL WALL, LOC:6072, CORRIDOR 2181A&B

] :

Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C5B0784

Report Date: 2025/09/09

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
A006009	Lead (Pb)	2025/09/09	87	75 - 125	<0.00010	%	1.5	35	98	75 - 125

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.



BUREAU
VERITAS

Bureau Veritas Job #: C5B0784

Report Date: 2025/09/09

Pinchin Ltd

Client Project #: 348099

Site Location: 555 UNIVERSITY AVE, TORONTO, ON

Sampler Initials: PS

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Louise Harding, Scientific Specialist

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RUSH!



NONT-2025-09-1308



6740 Campobello Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
CAM FCD-01191/6

CHAIN OF CUSTODY RECORD

Page ____ of ____

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required		
Company Name: Pinchin Ltd.		Company Name: _____		Quotation #: _____		<input type="checkbox"/> Regular TAT (5-7 days) Most analyses		
Contact Name: Patrick Sobczynski		Contact Name: _____		P.O. #/ AFE#: _____		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS		
Address: _____		Address: _____		Project #: 348099		Rush TAT (Surcharges will be applied)		
Phone: _____ Fax: _____		Phone: _____ Fax: _____		Site Location: 555 University Ave, Toronto, ON		<input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days		
Email: psobczynski@pinchin.com dnewton@pinchin.com		Email: _____		Site #: Burton Wing		Date Required ##		
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY				Site Location Province: ON		Rush Confirmation #:		
				Sampled By: Patrick Sobczynski				
Regulation 153		Other Regulations		Analysis Requested		LABORATORY USE ONLY		
<input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine		<input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw		<div># OF CONTAINERS SUBMITTED</div> <div>FIELD FILTERED (CIRCLE) Metals / Hg / COI</div> <div>BTEX/ PHC F1</div> <div>PHC F2 - F4</div> <div>VOCs</div> <div>REG 153 METALS & INORGANICS</div> <div>REG 153 ICPMS METALS</div> <div>REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B)</div> <div>Lead (Pb) in Paints</div> <div>PCBs</div> <div>HOLD- DO NOT ANALYZE</div>		CUSTODY SEAL Y / (N)		COOLER TEMPERATURES NA
<input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse		<input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw				Present	Intact	
<input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/ Other		Region _____						
<input type="checkbox"/> Table _____		Other (Specify) _____						
FOR RSC (PLEASE CIRCLE) Y / N		REG 558 (MIN. 3 DAY TAT REQUIRED)						
Include Criteria on Certificate of Analysis: Y / N		REG 406 Table _____				COOLING MEDIA PRESENT: Y / (N)		
SAMPLE IDENTIFICATION		DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX	COMMENTS			
L0067, Ceiling, Plaster, White Paint On Plaster Ceiling, Loc: 6004, 2nd Floor South Corridor				BULK				
L0068, Wall, Drywall and joint compound, Grey Paint On Drywall Wall, Loc: 6072, Corridor 2181A&B				BULK				
RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #		
Patrick Sobczynski	2025.09.08	3:30pm	<i>TREVOR RODRIGUES</i>	2025/09/08	14:58			

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <https://www.bvna.com/coc-terms-and-conditions>

APPENDIX III
Methodology



1.0 GENERAL

An investigation was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

1.1 Asbestos

The investigation for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized, or powdered by hand pressure, or a material that has already become crushed, pulverized, or powdered.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The asbestos analysis of select materials was completed using a stop-positive approach. Only one result meeting the regulated criteria was required to determine that a material is asbestos containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stopped analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material were analyzed if no asbestos is detected. In some cases, all samples were analyzed in the sample set regardless of result.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria:

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 were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was 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)

1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible were collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.

Analytical results were compared to the following criteria.

Jurisdiction	Units (%)	Units (ppm) / (mg/kg)
Ontario	0.009	90

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

Pinchin reviewed the bulk samples results for elevated concentrations of lead. Where elevated concentrations are present, paint samples including the substrate (e.g., wood, concrete, plaster) were submitted for waste characterization analysis following TCLP Method 1311. Analytical results were compared against local provincial requirements.

1.3 Silica

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.

1.4 Mercury

Building materials, products, or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury were identified by visual inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

1.5 Polychlorinated Biphenyls

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records, and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

1.6 Visible Mould

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 13 2024

APPENDIX IV
Location Summary Report

Client:Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Atrium

Survey Date:

Last Re-Assessment:

Building Phases: A:

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
204	Room 2810M and Corridor	250	2	A	

Client:The Hospital For Sick Children

Site: 555 University Avenue, Toronto, ON

Building Name: Black Wing

Survey Date:

Last Re-Assessment:

Building Phases: A:

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
2035	Service North Floor Corridor	1500	S	A	
2079	Corridor S200B, room no. S200B	1200	S	A	
2109	Service Floor North South Corridor	3500	S	A	
2125	Room S413C	100	S	A	

Client: Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Survey Date:

Last Re-Assessment:

Building Phases: A: 1972

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
2001	B100A Basement Corridor, room no. B100A	2000	B		
2015	Room B117, room no. B117	400	B		
2034	Room B111, room no. B111	200	B	A	
3001	S100A Service Floor Corridor, room no. S100A	2000	S		
3039	Room S111, room no. S111	100	S		
5004	1st Floor South Corridor, room no. 1100D	500	1		
5048	Room 1154, room no. 1154	300	1		
5049	Room 1155, room no. 1155	300	1		
5051	Room 1115C & 115D, room no. 115C	200	1	A	
5052	Room 1157, room no. 1115D	300	1	A	
5056	Room 1162, room no. 1162	100	1	A	
5057	Room 1161, room no. 1161	300	1		
5058	Room 1164, room no. 1164	100	1	A	
5059	Room 1165, room no. 1165	100	1	A	
5060	Room 1167, room no. 1167	100	1	A	
5061	Room 1166, room no. 1166	100	1	A	
5062	Room 1169, room no. 1169	100	1	A	
5063	Room 1168, room no. 1163	100	1	A	
5064	Room 1171, room no. 1171	100	1	A	
5065	Room 1172, room no. 1172	200	1	A	
5066	Room 1173, room no. 1173	100	1	A	
5067	Room 1176, room no. 1167	100	1	A	
5076	Room 1175, room no. 1175	100	1	A	
5077	Room 1178, room no. 1178	200	1	A	
5079	Room 1109C, room no. 1109C	100	1	A	
6003	2nd Floor East Corridor, room no. 2100 E	1000	2		
6004	2nd Floor South Corridor, room no. 2100D	800	2	A	
6005	2nd Floor West Corridor, room no. 2127	1000	2		
6012	Room 2107C, room no. 2107C	500	2		
6013	Room 2132, room no. 2132	100	2	A	
6016	Room 2136, room no. 2136	100	2	A	
6017	Room 2137, room no. 2137	100	2	A	
6018	Room 2140, room no. 2140	100	2	A	
6019	Room 2141, room no. 2141	350	2	A	
6020	Room 2144, room no. 2144	100	2	A	
6021	Room 2142 & 2143, room no. 2142 & 2143	300	2	A	
6022	Room 2138, room no. 2138	100	2	A	
6037	Room 2115, room no. 2115	500	2		
6038	Room 2126, room no. 2126	500	2		
6039	Room 2148, room no. 2148	500	2		
6049	Room 2184, room no. 2184	500	2		
6058	Room 2111 Electrical Room, room no. 2111	350	2		
6071	Room 2115A	100	2	A	
6072	Corridor 2181A&B	200	2	A	
19009	Room S243, S246, S246A & S246D	1650	S	A	

APPENDIX V

Hazardous Materials Summary Report / Sample Log

Client:Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Atrium

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0026	Wall Mastic Yellow Mastic Behind Rubber Baseboard	204	A	0	80	0	0	None Detected	No	
Asbestos	V0027	Floor Mastic	204	A	0	250	0	0	None Detected	No	
Asbestos	V9000	Duct Mastic Reddish/brown	204	A	0	15	0	0	Confirmed Asbestos	Yes	NF
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24" X 48", Lay-in, Fissures And Pinholes	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Drywall And Joint Compound	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Duct Fibreglass	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Duct Not Insulated	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor All Carpet	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping Not Insulated	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Structure Beam, Deck Concrete (poured)	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Wall Concrete Block	204	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Wall Interior Drywall And Joint Compound	204	A	0	0	0	0	Non Asbestos	No	

Legend:

Sample number	
S####	Asbestos sample collected
L####	Paint sample collected
P####	PCB sample collected
M####	Mould sample collected
V####	Material visually similar to numbered sample collected
V0000	Known non Hazardous Material
V9000	Material is visually identified as Hazardous Material
V9500	Material is presumed to be Hazardous Material
[Loc. No.]	Abated Material

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage

NF	Non Friable material.
F	Friable material
PF	Potentially Friable material

Client: The Hospital For Sick Children

Site: 555 University Avenue, Toronto, ON

Building Name: Black Wing

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0013	Piping Parging Cement	2035,2079,2109	A	0	0	350	0	Chrysotile	Yes	F
Asbestos	V0019	Piping Aircell	2035,2079,2109	A	1540	0	0	0	Chrysotile	Yes	F
Asbestos	V0034	Floor Mastic	2125	A	0	80	0	0	None Detected	No	
Asbestos	V0036	Ceiling Ceiling Tiles (lay-in) Lay-in 24" X 48" Large And Small Pinholes	2125	A	0	100	0	0	None Detected	No	
Asbestos	V0043	Wall Base Adhesive/mastic Yellow Baseboard Mastic	2125	A	0	40	0	0	None Detected	No	
Asbestos	V0045	Ceiling Paper Black Paper Backing	2035,2079,2109	A	0	6100	0	0	None Detected	No	
Asbestos	V0057	Floor Mastic Mastic Underneath Linoleum	2125	A	0	20	0	0	None Detected	No	
Asbestos	V0070	Floor Terrazzo Greenish Grey	2035,2079,2109	A	0	0	0	0	None Detected	No	
Asbestos	V0072	Floor Terrazzo White	2125	A	0	100	0	0	None Detected	No	
Asbestos	V0081	Other Window Caulking Black Butyl Sealant	2035,2079,2109	A	0	0	38	0	Chrysotile	Yes	NF
Asbestos	V0153	Ceiling Plaster	2035,2125	A	0	180	0	0	Tremolite	Yes	PF
Asbestos	V0154	Wall Drywall And Joint Compound	2109,2125	A	0	150	0	0	None Detected	No	
Asbestos	V0156	Ceiling Drywall And Joint Compound	2109	A	0	150	0	0	None Detected	No	
Asbestos	V0157	Wall Plaster Smooth	2035,2079,2109,2125	A	0	16200	0	0	[Asbestos]	[Yes]	PF
Asbestos	S0335 ABC	Wall Clay Tile (block) Clay Tile Mortar	2035,2079,2109	A	0	18000	0	0	None Detected	No	
Asbestos	V0336	Wall Mortar Concrete Block Mortar	2125	A	0	20	0	0	None Detected	No	
Asbestos	V0000	Ceiling Metal Pan Ceiling Tiles	2035,2079,2109	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Metal Pan Ceiling Tiles 12x12 Metal Pan	2109	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Plaster Rough Dark Grey Plaster	2035,2079,2109,2125	A	0	1620	0	0	Non Asbestos	No	
Asbestos	V0000	Duct Fibreglass	2035,2079,2109,2125	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Duct Not Insulated	2035,2079,2125	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Carpet	2125	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Rubber Green Linoleum	2125	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping Fibreglass	2035,2079,2109	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping Not Insulated	2035,2079,2109,2125	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Structure Beam, Deck, Deck Concrete (poured)	2035,2079,2109,2125	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure Metal	2125	A	0	0	0	0	Non Asbestos	No	
Paint	V0004	Ceiling Plaster Beige Paint	2125	A	0	80	0	0	Lead (High)	Yes	-
Paint	V0006	Wall Drywall And Joint Compound White Paint	2125	A	0	50	0	0	Lead (Low)	Yes	-
Paint	V0039	Wall Plaster White On Plaster	2035,2079,2109,2125	A	0	16200	0	0		No	-
PCB	V0002	Caulking Black	2035,2079,2109	A	0	0	38	0	-	No	-
Hg	V0000	Light Fixture	2035,2109,2125	A	0	0	0	0	-	No	-

Legend:

Sample number	
S####	Asbestos sample collected
L####	Paint sample collected
P####	PCB sample collected
M####	Mould sample collected
V####	Material visually similar to numbered sample collected
V0000	Known non Hazardous Material
V9000	Material is visually identified as Hazardous Material
V9500	Material is presumed to be Hazardous Material
[Loc. No.]	Abated Material

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage

NF	Non Friable material.
F	Friable material
PF	Potentially Friable material

HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG

Client:Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0013	Wall All, Interior Drywall And Joint Compound	5004,5048,5049,5051,5052,5056,5057,5058,5059 5060,5061,5062,5063,5064,5065,5066,5067,5076 5077,5079	A	0	7640	0	0	Chrysotile	Yes	NF
Asbestos	V0014	Wall Drywall And Joint Compound	2015		0	200	0	0	None Detected	No	
Asbestos	V0016	Piping Hot Water Heating Parging Cement	2034,19009	A	0	0	21	0	Chrysotile	Yes	F
Asbestos	S0017 B	Structure, Other, Structure Debris, Column, Beam Fireproofing (fibrous)	2001,3001,5004,5048,5049,5051,5052,5056,5057 5058,5059,5060,5061,5062,5063,5064,5065,5066 5067,5076,5077,5079,6004,6005,6012,6013,6016 6017,6018,6019,6020,6021,6022,6038,6039,6049 6058,19009	A	0	16951	0	0	Chrysotile	Yes	F
Asbestos	V0020	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24" X 48" Pencil Hole Pattern 2" X 4" Random Small Pencil Hole Pattern 2" X 4" Random Small Pencil Hole Pattern 24" X 48" Random Pencil Hole Pattern 24" X 48" Random Pencil Hole Pattern 24" X 48" Random Pencil Hole Pattern 24" X 48" Random Pencil Hole Pattern	3001,5004,5048,5049,5051,5056,5057,5058,5059 5060,5061,5062,5063,5064,5065,5066,5067,5076 5077,5079,6005,6012,6013,6016,6017,6018,6019 6020,6021,6022,6038,6039,19009	A	0	8810	0	0	Amosite	Yes	PF
Asbestos	V0028	Duct Mastic, Grey Grey Mastic On Ducts	6003,6004,6049	A	0	115	0	0	None Detected	No	
Asbestos	V0032	Wall Interior Mastic Yellow Mastic Ceramic Tile Adhesive	2001,3001		0	400	0	0	Chrysotile	Yes	NF
Asbestos	S0033 ABC	Piping Sprinkler Gasket Sealant On Pipe Threads	2001		0	0	25	0	None Detected	No	
Asbestos	V0041	Duct, Mechanical Equipment Mastic Brown Duct Mastic	3039,5048,5052,5057,5059,5061,5063,5064,5065 5076,6003,6004,6016,6017,6018,6019,6072	A	0	47	23	0	Chrysotile	Yes	NF
Asbestos	V0045	Other All Adhesive/mastic Vinyl Base Board And Mastic	3001,6003		2000	0	0	0	None Detected	No	
Asbestos	S0048 DEFG	Wall Interior Plaster	3001,6003,6004,6013,6021,6022,6037,6038,6049 6071	A	0	2630	0	0	None Detected	No	
Asbestos	S0049 ABC	Wall Interior Plaster	3001		0	2000	0	0	None Detected	No	
Asbestos	V0051	Structure, Wall Beam, Interior, Exterior Mastic Brown/yellow Mastic Adhesive On Fiberglass Insulation Fasteners Within Perimeter Column Enclosures And On Perimeter Walls	2001,3001,5048,5051,5052,5057,5059,5061,5063 5064,5066,5067,6016,6017,6018,6049,6072	A	0	530	0	0	Chrysotile	Yes	NF
Asbestos	V0054	Floor All Terrazzo	3001,5004,5048,5049,5051,5052,5056,5057,5058 5059,5060,5061,5062,5063,5064,5065,5066,5067 5076,5077,5079,6003,6004,6005,6012,6013,6016 6017,6018,6019,6020,6021,6022,6037,6038,6039 6049,6058,6071,6072,19009	A	0	22750	0	350	None Detected	No	
Asbestos	S0056 G	Wall, Ceiling, Wall Interior, Exterior Plaster	3001,19009	A	0	2390	0	0	None Detected	No	
Asbestos	V0063	Wall Interior Drywall And Joint Compound	6004,6005,6013,6016,6017,6022,6049	A	0	3620	0	0	Chrysotile	Yes	NF

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0064 CD	Wall Exterior Plaster	6004,6016,6017,6018,6019	A	0	1500	0	0	None Detected	No	
Asbestos	S0065 BC	Floor Mastic Mastic Underneath Rubber Flooring	6003,6004,6049,6072	A	0	2100	0	0	None Detected	No	
Asbestos	S0075 DE	Ceiling Plaster	6003,6004,6016,6017,6018,6019,6022	A	0	440	0	0	None Detected	No	
Asbestos	V0077	Duct Mastic, Green Green Mastic	6071	A	0	10	0	0	None Detected	No	
Asbestos	V0078	Floor Mastic	5048,5051,5052,5061,5062,5063,5064,5065,5066,5077	A	0	1500	0	0	None Detected	No	
Asbestos	V0082	Other Sink Mastic, White	6038,6039		0	10	0	0	None Detected	No	
Asbestos	S0083 ABC	Other Mastic, Grey Grey Sink Mastic	19009	A	0	2	0	0	None Detected	No	
Asbestos	V0084	Wall Mastic Mastic Behind Ceramic Tile	6038,19009	A	0	20	0	0	Chrysotile	Yes	NF
Asbestos	V0109	Other Fire Stop Caulking Black Firestop Caulking	5048,5052,5057,5059,5061,5063,5064,5065,6004,6016,6017,6018,6019	A	0	0	66	0	Chrysotile	Yes	NF
Asbestos	S0114 ABC	Structure Beam Mastic, Black Black Mastic On Foamglass/steel Beam	19009	A	0	10	0	0	None Detected	No	
Asbestos	S0116 ABCDE	Wall Interior Drywall And Joint Compound	6003,6037,6038,6039,6071,6072	A	0	3750	0	0	None Detected	No	
Asbestos	S0117 ABC	Other Fire Stop Caulking	6049,6072	A	0	12	0	0	None Detected	No	
Asbestos	S0118 ABCDEFG	Wall Interior, All Drywall And Joint Compound	6012,6018,6019,6020,6021	A	0	2760	0	0	Chrysotile	Yes	NF
Asbestos	S0119 ABC	Other Fire Stop Caulking Brownish Red	6058		0	0	4	0	None Detected	No	
Asbestos	S0120 ABC	Other Fire Stop Caulking White	6058		0	0	2	0	None Detected	No	
Asbestos	S0121 ABC	Other Fire Stop Caulking Grey	6058		0	0	3	0	None Detected	No	
Asbestos	S0124 ABC	Structure Mortar	2001,2015,2034	A	0	1400	0	0	None Detected	No	
Asbestos	S0125 ABC	Wall Interior Plaster	2015		0	300	0	0	None Detected	No	
Asbestos	S0126 ABC	Structure Paint Off White Paint On Concrete Block	2001,2015		0	1200	0	0	None Detected	No	
Asbestos	S0127 ABC	Structure Mortar	3039		0	250	0	0	[None]	[No]	
Asbestos	V9000	Ceiling Plaster	5048,5052,5057,5059,5061,5063,5064,5065	A	0	160	0	0	Confirmed Asbestos	Yes	PF
Asbestos	V9000	Other Cement Product	6058		0	5	0	0	Confirmed Asbestos	Yes	NF
Asbestos	V9000	Piping Aircell	19009	A	25	0	0	0	Confirmed Asbestos	Yes	F
Asbestos	V9000	Structure Overspray Fireproofing (fibrous)	3039		0	250	0	0	Confirmed Asbestos	Yes	F
Asbestos	V9000	Wall Interior Drywall And Joint Compound	3001,19009	A	0	4530	0	0	Confirmed Asbestos	Yes	NF
Asbestos	V9000	Wall All, Exterior, Interior Plaster Sample 0013a Pinchin File No. 46105	5004,5048,5049,5051,5052,5057,5058,5059,5061,5063,5064,5065,5067,5079	A	0	3950	0	0	Confirmed Asbestos	Yes	PF
Asbestos	V9500	Other Window Liner Caulking Butyl	6017,6019	A	0	0	2	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Piping Gasket At Pipe Flange Joints	3039		0	0	30	0	Presumed Asbestos	Yes	NF

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0000	Ceiling Acoustic Tile Abated Material 2" X 4" Random Pencil Hole Patter August 2016	2001		0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling All Abated Material 24" X 48" Random Small Fleck And Pinhole 2016	2001		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Ceiling Tiles (lay-in)	6071	A	0	50	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Ceiling Tiles (lay-in) 2" X 4" Random Pencil Hole Pattern	6049		0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24" X 48" Random Pencil Hole Pattern	6003,6004	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24" X 48" Fissures And Pinholes	5052	A	0	280	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling All Ceiling Tiles (lay-in) 24" X 48" Random Pencil Hole Pattern	2015		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24"x48" Fissures And Pinholes	6003,6004,6037,6038,6039,6049	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24x48 Small Dimples And Fissures	6004	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling All, Acoustic Tile Ceiling Tiles (lay-in) 24"x48" Small Dimples And Fissures	2015,6072	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Metal Pan Ceiling Tiles 12"x12" Metal Pan Ceiling Tiles	19009	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Duct All Fibreglass	2001,2015,3001,3039,5004,5048,5049,5051,5052,5056,5057,5058,5060,5062,5066,5067,5076,5077,5079,6003,6004,6005,6012,6013,6016,6017,6018,6019,6020,6021,6022,6037,6038,6039,6049,6071,6072,19009	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Duct All Not Insulated	2001,3001,5004,5048,5049,5051,5052,5056,5057,5058,5059,5060,5061,5062,5063,5064,5065,5066,5067,5076,5077,5079,6003,6004,6005,6012,6013,6016,6017,6018,6019,6020,6021,6022,6037,6038,6039,6049,6071,6072	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Carpet	5048,5051,5052,5056,5057,5058,5061,5062,5063,5064,5065,5066,5077,5079	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor All Concrete (poured)	2001,2015,2034	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor All Metal	3039		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Rubber	6003,6004,6049,6072	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Wood	19009	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Mechanical Equipment Fan Unit, All Not Insulated	3001,3039		0	0	2	100	Non Asbestos	No	
Asbestos	V0000	Mechanical Equipment Fan Unit Not Insulated Induction Unit	5048,5052	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Mechanical Equipment Not Insulated Induction	6003,6004	A	0	0	9	0	Non Asbestos	No	

HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
		Unit									
Asbestos	V0000	Piping All Fibreglass	2001,2015,2034,3001,3039,5004,5048,5049,5051,5052,5056,5057,5058,5059,5060,5062,5063,5064,5065,5066,5067,5076,5077,5079,6003,6004,6005,6012,6013,6016,6017,6018,6019,6020,6021,6022,6037,6038,6039,6049,6071,6072,19009	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Piping All Not Insulated	2001,2015,2034,3001,3039,5004,5048,5049,5051,5052,5056,5057,5058,5060,5061,5062,5063,5064,5065,5066,5067,5076,5077,5079,6003,6004,6005,6012,6013,6016,6017,6018,6019,6020,6021,6022,6037,6038,6039,6049,6058,6071,6072,19009	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure Deck, All, Beam, Deck Concrete (poured)	2001,2015,3001,5004,5048,5049,5051,5052,5056,5057,5058,5059,5060,5061,5062,5063,5064,5065,5066,5067,5076,5077,5079,6003,6004,6005,6012,6013,6016,6017,6018,6019,6020,6021,6022,6037,6038,6039,6049,6058,6071,6072	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure Beam, Beam Deck Joist Fireproofing (fibrous)	2034,3039,6037,6071	A	0	280	0	0	Non Asbestos	No	
Asbestos	V0000	Structure Beam, All Fireproofing (fibrous) Green	5052,6003,6004	A	0	1740	0	0	Non Asbestos	No	
Asbestos	V0000	Structure Beam Fireproofing (fibrous) Green Fireproofing	6049		0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Structure All Fireproofing (fibrous) New Spray Fireproofing Dyed Green	3001		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure Beam Fireproofing (fibrous) New Sprayed Fireproofing	2015		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure Beam Fireproofing (fibrous) New Sprayed Fireproofing Blue	2001		0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall Interior Ceramic Tiles	2001,3001,6038,19009	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Wall All Masonry	2015,2034,3001,3039,5004,5048,5049,5051,5057,5058,5059,5060,5061,5062,5063,5064,5065,5066,5067,5077,5079,6003,6004,6005,6013,6016,6017,6018,6019,6021,6022,6037,6038,6049,6058,6071	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall Exterior Metal	19009	A	0	0	0	0	Non Asbestos	No	
Paint	V0001	Wall Concrete (precast) Beige Paint	6058		0	0	0	100	Lead (High)	Yes	-
Paint	V0012	Wall Drywall And Joint Compound Blue Paint	5061,5062,5064,5065,5079,6003,6020,6038	,A	0	2790	0	0		No	-
Paint	V0025	Wall Plaster Off White Paint	6003,6004,6012,6013,6016,6017,6018,6019,6020,6021,6022,6038,6039,6049,6071	,A	0	8210	0	0		No	-
Paint	L0026	Wall Drywall And Joint Compound Light Yellow Paint	6005		0	1400	0	0		No	-
Paint	V0029	Wall Drywall And Joint Compound Off White Paint	5004,5048,5049,5051,5052,5056,5057,5058,5059,5060,5061,5062,5063,5064,5065,5066,5067,5076	,A	0	7605	0	0	Lead (Low)	Yes	-

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
			5077,5079								
Paint	L0036	Wall Plaster Off White Paint	3001		0	2000	0	0	Lead (Low)	Yes	-
Paint	L0039	Wall Concrete (poured) Off White	2001,2015		0	1200	0	0		No	-
Paint	L0058	Other Metal Blue Paint In Metal Door And Frame	3001		0	120	0	0		No	-
Paint	V0063	Wall Drywall And Joint Compound Yellow Paint On Drywall Wall	5066	A	0	100	0	0		No	-
Paint	L0064	Other Metal Red Paint On Metal Door And Frame	3001		0	30	0	0	Lead (High)	Yes	-
Paint	L0067	Ceiling Plaster White Paint On Plaster Ceiling	6003,6004	A	0	340	0	0	Lead (Low)	Yes	-
Paint	L0068	Wall Drywall And Joint Compound Grey Paint On Drywall Wall	6072	A	0	300	0	0		No	-
Paint	V0000	Wall Masonry	6058		0	0	0	100	-	No	-
Lead Product	V9500	Lead Sheeting	6012,6013,6016,6017,6018,6019,6020,6021,6022	A	0	4780	0	0	Presumed Lead Product	Yes	-
PCB	V0000	Transformer	6058		0	0	1	0	-	No	-
Mould	V9000	Ceiling Tiles (lay-in) Tape Lift Location	6004	A	0	1	0	0	Mould	Yes	-
Mould	V9500	Ceiling Tiles (lay-in) Tape Lift Location	6003		0	3	0	0	Presumed Mould	Yes	-
Hg	V9000	Light Fixture	3001,5048,5049,5051,5052,5056,5057,5058,5059 5060,5061,5062,5063,5064,5065,5066,5067,5076 5077,5079,6003,6004,6012,6013,6016,6017,6018 6019,6020,6021,6037,6038,6039,6049,6072	,A	0	0	219	0	Hg	Yes	-
Hg	V0000	Light Fixture	2001,2015		0	0	0	0	-	No	-
Hg	V0000	Thermostat	5064,5065	A	0	0	0	0	-	No	-

Legend:

Sample number		Units		
S####	Asbestos sample collected	SF	Square feet	NF Non Friable material.
L####	Paint sample collected	LF	Linear feet	F Friable material
P####	PCB sample collected	EA	Each	PF Potentially Friable material
M####	Mould sample collected	%	Percentage	
V####	Material visually similar to numbered sample collected			
V0000	Known non Hazardous Material			
V9000	Material is visually identified as Hazardous Material			
V9500	Material is presumed to be Hazardous Material			
[Loc. No.]	Abated Material			

APPENDIX VI
HMIS All Data Report

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #204 : Room 2810M and Corridor

Survey Date: 2025-09-08

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Atrium

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 250

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Drywall and joint compound			C	Y						V0000	Non-Asbestos		None	
Ceiling ²	Acoustic Tile	Ceiling Tiles (lay-in), 24? x 48?, lay-in, fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Ceiling ³	Acoustic Tile	Ceiling Tiles (lay-in), 24? x 48?, lay-in, fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct ⁴		Mastic, Reddish/brown			C	N		15(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor		Mastic		Carpet	A	N		250			SF	V0027	None Detected	N.D.	None	
Floor	All	Carpet	ALL		A	Y						V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (poured)			C	N						V0000	Non-Asbestos		None	
Wall		Mastic, Yellow mastic behind rubber baseboard		Rubber	A	N		80			SF	V0026	None Detected	N.D.	None	
Wall		Concrete Block			A	Y						V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y						V0000	Non-Asbestos		None	

1 - In corridor

2 - Date code: 2023

3 - Date Code 2023

4 - Reddish/brown duct mastic, containing asbestos, is present at seams / joints on the exterior of ducts throughout the assessed areas (samples b298447 S0041A-C) which was sampled in the Burton Wing. This area where the reddish/brown duct mastic was found is where the Burton Wing connects with it and is considered the same mastic material.

Client: Sick Kids Hospital

Location: #204 : Room 2810M and Corridor

Survey Date: 2025-09-08

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Atrium

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 250

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound	500		SF	L0036	Grey paint on drywall wall	Pb: <0.00022 %	No	
Wall	Concrete (poured)	50		SF	L0037	Grey paint on concrete block wall	Pb: 0.00046 %	No	
Wall	Drywall and joint compound	100		SF	V0023	Blue paint on drywall wall	Pb: 0.00040 %	No	

Client: Sick Kids Hospital

Location: #204 : Room 2810M and Corridor

Survey Date: 2025-09-08

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Atrium

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 250

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹		SF	V0000	

1 - Led

2025-09-30

Quantities shown above are based on visual approximations only and may be subject to variation. Copyright Pinchin Ltd. 2025

Page 1 of 3.

Legend:



Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.
L	The material is partially visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceiling system or access panels) to view completely and access. Includes partially viewed access points to crawlspaces, attic spaces, etc. without entering. Observations are limited to the extent visible from the access points.

Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

Colour Coding	
	The material is a hazardous material, either by analytical results or by visible identification.
	The material is presumed to be a hazardous material, based on visual appearance, and was not sampled due to limited access or the non-destructive nature of sampling.

Action					
(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair
(7)	Management program and surveillance				

ALL DATA REPORT

Client: The Hospital For Sick Children
Location: #2035 : Service North Floor Corridor
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 1500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100(7)			SF	V0153	Tremolite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹		Plaster, Rough dark grey plaster			C	N		400			SF	V0000	Non-Asbestos		None	
Ceiling		Paper, Black paper backing on the back of metal pan ceiling tiles		Ceiling Tile (mechanically fastened)	C	N		1400			SF	V0045	None Detected	N.D.	None	
Ceiling		Metal pan ceiling tiles		Paper	C	Y					SF	V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	Y					SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Floor		Terrazzo, Greenish grey terrazzo			A	Y		1500				V0070	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Other ²	Window	Caulking			A	Y		6(7)			EA	V0081	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass		Paper	C	N					LF	V0000	Non-Asbestos		None	
Piping		Parging Cement		Canvas	D	N		100(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement		Canvas	C	N		10(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Aircell		Canvas	D	N		400(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Aircell		Canvas	C	N		40(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (poured)			C	N					SF	V0000	Non-Asbestos		None	
Wall		Clay Tile (block), Clay tile mortar			D	N		4500			SF	S0335A	None Detected	N.D.	None	
Wall		Plaster, Smooth			A	Y		4000(7)			SF	V0157	[Asbestos]		[Asbestos]	PF

1 - Previously sampled: A0006A-C(1210815).On perimeter.

2 - Black butyl sealant

Client: The Hospital For Sick Children
Location: #2035 : Service North Floor Corridor
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 1500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall	Plaster	4000		SF	V0039	White on plaster			No

Client: The Hospital For Sick Children
Location: #2035 : Service North Floor Corridor
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 1500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹		EA	V0000	

1 - Led

Client: The Hospital For Sick Children

Location: #2035 : Service North Floor Corridor

Survey Date: 2024-09-04

Site: Buildings

Floor: S

Building Name: Black Wing

Room #:

Last Re-Assessment:

Area (sqft): 1500

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Caulking	6		EA	V0002	Black butyl sealant	<1 mg/kg	No

ALL DATA REPORT

Client: The Hospital For Sick Children
Location: #2079 : Corridor S200B
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #: S200B
Last Re-Assessment:

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Plaster, Rough dark grey plaster			C	N		400			SF	V0000	Non-Asbestos		None	
Ceiling		Paper, Black paper backing on the back of metal pan ceiling tiles		Ceiling Tile (mechanically fastened)	C	N		1200			SF	V0045	None Detected	N.D.	None	
Ceiling		Metal pan ceiling tiles		Paper	C	Y					SF	V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	Y					SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Floor		Terrazzo, Greenish grey terrazzo			A	Y		1200				V0070	None Detected	N.D.	None	
Other ²	Window	Caulking			A	Y		11(7)			EA	V0081	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass		Paper	C	Y					LF	V0000	Non-Asbestos		None	
Piping		Fibreglass		Foil Face	C	Y					LF	V0000	Non-Asbestos		None	
Piping ³		Parging Cement		Canvas	D	N		100(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement		Canvas	C	N		20(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping ⁴		Aircell		Canvas	D	N		400(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Aircell		Canvas	C	N		100(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (poured)			C	N					SF	V0000	Non-Asbestos		None	
Wall		Clay Tile (block), Clay tile mortar			D	N		4500			SF	S0335C	None Detected	N.D.	None	
Wall		Plaster, Smooth			A	Y		4000(7)			SF	V0157	[Asbestos]		[Asbestos]	PF

1 - Previously sampled: A0006A-C(1210815), On perimeter

2 - Black butyl sealant

3 - Presumed behind solid finishes

4 - Presumed behind solid finishes

Client: The Hospital For Sick Children
Location: #2079 : Corridor S200B
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #: S200B
Last Re-Assessment:

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall	Plaster	4000		SF	V0039	White on plaster			No

Client: The Hospital For Sick Children
Location: #2079 : Corridor S200B
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #: S200B
Last Re-Assessment:

Area (sqft): 1200

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Caulking	11		EA	V0002	Black butyl sealant	<1 mg/kg	No

ALL DATA REPORT

Client: The Hospital For Sick Children
Location: #2109 : Service Floor North South
Corridor
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 3500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y		150			SF	V0156	None Detected	N.D.	None	
Ceiling ¹		Plaster, Rough dark grey plaster			C	N		800			SF	V0000	Non-Asbestos		None	
Ceiling		Paper, Black paper backing on the back of metal pan ceiling tiles		Ceiling Tile (mechanically fastened)	C	N		3500			SF	V0045	None Detected	N.D.	None	
Ceiling ²		Metal pan ceiling tiles, 12x12 metal pan			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling		Metal pan ceiling tiles		Paper	C	Y					SF	V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N					SF	V0000	Non-Asbestos		None	
Floor		Terrazzo, Greenish grey terazzo			A	Y		3500				V0070	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Other	Window	Caulking, Black butyl sealant			A	Y		21(7)			EA	V0081	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass		Paper	C	Y					LF	V0000	Non-Asbestos		None	
Piping		Fibreglass		Foil Face	C	Y					LF	V0000	Non-Asbestos		None	
Piping ³		Parging Cement		Canvas	D	N		100(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement		Canvas	C	N		20(7)			EA	V0013	Chrysotile	25-50%	Confirmed Asbestos	F
Piping ⁴		Aircell		Canvas	D	N		500(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Aircell		Canvas	C	N		100(7)			LF	V0019	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (poured)			C	N					SF	V0000	Non-Asbestos		None	
Wall		Clay Tile (block), Clay tile mortar			D	N		9000			SF	S0335B	None Detected	N.D.	None	
Wall		Drywall and joint compound			A	Y		100			SF	V0154	None Detected	N.D.	None	
Wall		Plaster, Smooth			A	Y		8000(7)			SF	V0157	[Asbestos]		[Asbestos]	PF

1 - Previously sampled: A0006A-C(1210815). On perimeter

2 - 12x12 metal pan

3 - Presumed behind solid finishes

4 - Presumed behind solid finishes

Client: The Hospital For Sick Children
Location: #2109 : Service Floor North South
Corridor
Survey Date: 2024-09-04

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 3500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall	Plaster	8000		SF	V0039	White on plaster			No

Client: The Hospital For Sick Children

Location: #2109 : Service Floor North South Corridor

Survey Date: 2024-09-04

Site: Buildings

Floor: S

Building Name: Black Wing

Room #:

Last Re-Assessment:

Area (sqft): 3500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹		EA	V0000	

1 - Led

Client: The Hospital For Sick Children

Location: #2109 : Service Floor North South Corridor

Survey Date: 2024-09-04

Site: Buildings

Floor: S

Building Name: Black Wing

Room #:

Last Re-Assessment:

Area (sqft): 3500

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Caulking	21		EA	V0002	Black butyl sealant	<1 mg/kg	No

ALL DATA REPORT

Client: The Hospital For Sick Children
Location: #2125 : Room S413C
Survey Date:

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Ceiling Tiles (lay-in), 24 x 48 small and large pinholes			C	Y		100			SF	V0036	None Detected	N.D.	None	
Ceiling		Plaster			C	N		80(7)			SF	V0153	Tremolite	0.5-5%	Confirmed Asbestos	PF
Ceiling ²		Plaster, Rough dark grey plaster			C	N		20			SF	V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	Y					SF	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Terrazzo, White			A	N		100			SF	V0072	None Detected	N.D.	None	
Floor ³		Rubber, Green linoleum			A	Y						V0000	Non-Asbestos		None	
Floor ⁴		Mastic, Mastic underneath rubber			A	Y		20			SF	V0057	None Detected	N.D.	None	
Floor		Mastic, Yellow mastic underneath carpet			A	N		80			SF	V0034	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure		Metal			D	N					SF	V0000	Non-Asbestos		None	
Structure	Deck	Concrete (poured)			C	N		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, Block mortar		Masonry	A	Y		20			SF	V0336	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Yellow baseboard mastic		Rubber	A	Y		40			SF	V0043	None Detected	N.D.	None	
Wall		Drywall and joint compound			A	Y		50			SF	V0154	None Detected	N.D.	None	
Wall		Plaster, Smooth			A	Y		200(7)			SF	V0157	[Asbestos]		[Asbestos]	PF

- 1 - Pink back
2 - Previously sampled: A0006A-C(1210815)
3 - Linoleum
4 - Linoleum

Client: The Hospital For Sick Children
Location: #2125 : Room S413C
Survey Date:

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	50		SF	V0006	White paint	Pb: 0.027 %	Lead (Low)	
Wall	Plaster	200		SF	V0039	White on plaster	Pb: <0.006 %	No	
Ceiling	Plaster	80		SF	V0004	Beige paint	Pb: 0.30 %	Lead (High)	

- 1 - White paint

Client: The Hospital For Sick Children
Location: #2125 : Room S413C
Survey Date:

Site: Buildings
Floor: S

Building Name: Black Wing
Room #:
Last Re-Assessment:

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹		SF	V0000	

1 - LED

Legend:



Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.
L	The material is partially visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceiling system or access panels) to view completely and access. Includes partially viewed access points to crawlspaces, attic spaces, etc. without entering. Observations are limited to the extent visible from the access points.

Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

Colour Coding	
	The material is a hazardous material, either by analytical results or by visible identification.
	The material is presumed to be a hazardous material, based on visual appearance, and was not sampled due to limited access or the non-destructive nature of sampling.

Action					
(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair
(7)	Management program and surveillance				

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #2001 : B100A Basement Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: B

Building Name: Burton Wing

Room #: B100A

Last Re-Assessment: 0000-00-00

Area (sqft): 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		None Found														
Ceiling	All	Abated Material, 24" x 48" random small fleck and pinhole 2016	ALL		A	Y		100			%	V0000	[None]		[Abated]	
Ceiling ¹	Acoustic Tile	Abated Material, 2" x 4" random pencil hole patter August 2016	ALL		B	Y						V0000	[None]		[Abated]	
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment	Not Found															
Piping	All	Fibreglass	ALL	Paper	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Piping ²	Sprinkler	Gasket, Sealant on Pipe Threads	ALL		A	Y		25			EA	S0033ABC	None Detected	N.D.	None	
Structure		Mortar		Concrete Block	A	Y		1000			SF	S0124C	None Detected	N.D.	None	
Structure		Mortar, Off white paint on concrete block		Concrete Block	A	Y		1000			SF	S0126C	None Detected	N.D.	None	
Structure ³		Mastic, Brown/yellow mastic adhesive pucks			C	Y		120(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Structure	Beam	Fireproofing (Fibrous), New sprayed fireproofing blue	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure ⁴	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		500(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Ceramic Tiles		Mastic	A	Y						V0000	Non-Asbestos		None	
Wall	Interior	Mastic, Ceramic tile thinset and adhesive			A	N		200(7)			SF	V0032	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - 2" x 4" random pencil hole patter August 2016

2 - Sealant on Pipe Threads

3 - On concrete structure ceiling

4 - Enclosed in columns

Client: Sick Kids Hospital

Location: #2001 : B100A Basement Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: B

Building Name: Burton Wing

Room #: B100A

Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Concrete (poured)	1000		SF	L0039	Off white	Pb: <0.008 %	No

1 - Off white

Client: Sick Kids Hospital

2025-09-29

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Quantities shown above are based on visual approximations only and may be subject to variation. Copyright Pinchin Ltd. 2025

Page 1 of 72.

Location: #2001 : B100A Basement Corridor

Floor: B

Room #: B100A

Area (sqft): 2000

Survey Date: 2025-09-05

Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹		EA	V0000	

1 - Led

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #2015 : Room B117
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: B

Building Name: Burton Wing
Room #: B117
Last Re-Assessment: 0000-00-00

Area (sqft): 400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹	All	Ceiling Tiles (lay-in), 24"x48" small dimples and fissures	ALL		C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling ²	All	Ceiling Tiles (lay-in), 24" x 48" random pencil hole pattern	ALL		C	Y		100			%	V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Concrete (poured)			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment	Not Found															
Piping	All	Fibreglass	ALL	Paper	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure		Paint, Off white paint on concrete block		Concrete Block	A	Y		200			SF	S0126AB	None Detected	N.D.	None	
Structure		Mortar		Concrete Block	A	Y		200			SF	S0124B	None Detected	N.D.	None	
Structure	Beam	Fireproofing (Fibrous), New sprayed fireproofing	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y		200			SF	V0014	None Detected	N.D.	None	
Wall	All	Masonry	ALL		A	Y		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Plaster			C	N		300			SF	S0125ABC	None Detected	N.D.	None	

1 - Date Code: 08/26/02
2 - 2016

Client: Sick Kids Hospital
Location: #2015 : Room B117
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: B

Building Name: Burton Wing
Room #: B117
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Structure ¹	Abated Material	200		SF	V0039	Off white		Pb: <0.008 %	No

1 - Off white

Client: Sick Kids Hospital
Location: #2015 : Room B117
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: B

Building Name: Burton Wing
Room #: B117
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹			V0000	

1 - Led

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #2034 : Room B111
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: B

Building Name: Burton Wing
Room #: B111
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		None Found														
Floor		Concrete (poured)			B	Y						V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping		Fibreglass		Paper	C	Y						V0000	Non-Asbestos		None	
Piping		Parging Cement	Fitting		C	Y		1			EA	V0016	Chrysotile	25-50%		
Piping		Not Insulated			C	Y						V0000	Non-Asbestos		None	
Structure		Mortar		Concrete Block	A	Y		200			SF	S0124A	None Detected	N.D.	None	
Structure ¹	Beam Deck Joist	Fireproofing (Fibrous)			B	Y						V0000	Non-Asbestos		None	
Wall	All	Masonry			A	Y						V0000	Non-Asbestos		None	

1 - Dyed blue

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #3001 : S100A Service Floor Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: S

Building Name: Burton Wing

Room #: S100A

Last Re-Assessment: 0000-00-00

Area (sqft): 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		2000(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Canvas	B	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	B	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		2000			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment	Fan Unit	Not Insulated			A	Y		2			EA	V0000	Non-Asbestos		None	
Other ¹	All	Adhesive/mastic, Vinyl base board and mastic			A	Y		1000			LF	V0045	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Canvas	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	All	Fireproofing (Fibrous), New spray fireproofing dyed green	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		1250(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		500(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ²	Interior	Drywall and joint compound			A	Y		430(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Wall	Interior	Plaster			A	Y		2000			SF	S0049ABC	None Detected	N.D.	None	
Wall	Interior	Plaster			A	Y		1000			SF	S0056G	None Detected	N.D.	None	
Wall	Interior	Plaster	Base		D	N		100			SF	V0048	None Detected	N.D.	None	
Wall	Interior	Ceramic Tiles		Mastic	A	Y						V0000	Non-Asbestos		None	
Wall	Interior	Mastic, Ceramic tile thinset and adhesive			A	N		200(7)			SF	V0032	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Mastic, Brown/yellow mastic adhesive pucks			A	N		40(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Vinyl base board and mastic

2 - (previously sampled b54914 002A-C).

Client: Sick Kids Hospital

Location: #3001 : S100A Service Floor Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: S

Building Name: Burton Wing

Room #: S100A

Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall	Plaster	2000		SF	L0036	Off white paint			Pb: 0.038 % Lead (Low)

Other	Metal	120		SF	L0058	Blue paint in metal door and frame	Pb: 0.0011 %	No
Other	Metal	30		SF	L0064	Red paint on metal door and frame	Pb: 0.19 %	Lead (High)

Client: Sick Kids Hospital

Location: #3001 : S100A Service Floor Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: S

Building Name: Burton Wing

Room #: S100A

Last Re-Assessment: 0000-00-00

Area (sqft): 2000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #3039 : Room S111
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: S

Building Name: Burton Wing
Room #: S111
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found															
Duct		Mastic, Reddish/brown			C	N		15(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Duct	All	Fibreglass		Foil Face	C	Y		100			%	V0000	Non-Asbestos		None	
Floor	All	Metal			C	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment	All	Not Insulated			C	Y		100			%	V0000	Non-Asbestos		None	
Piping		Gasket, At pipe flange joints	Joint	Metal	B	N		30(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping	All	Fibreglass	ALL	Canvas	C	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated	ALL		B	Y		100			%	V0000	Non-Asbestos		None	
Structure ¹		Fireproofing (Fibrous)			C	Y						V0000	Non-Asbestos		None	
Structure		Mortar		Concrete Block	B	Y		250			SF	S0127ABC	[None Detected]	N.D.	[None]	
Structure ²	Overspray	Fireproofing (Fibrous)			B	Y		250(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	F
Wall	All	Masonry			C	Y		100			%	V0000	Non-Asbestos		None	

1 - Dyed blue

2 - Residual fireproofing, containing chrysotile asbestos (sample S0127A phase b), is present in the pours of the concrete block walls in Mechanical Shaft/Room S111 (Location 3039) (. Consider all concrete block walls in the Mechanical Shaft to be asbestos-containing until sampling proves otherwise

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #5004 : 1st Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 1

Building Name: Burton Wing

Room #: 1100D

Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		500(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Canvas	B	Y		100			%	V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	B	Y		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		500			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping	All	Fibreglass	ALL	Canvas	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)	ALL		C	N		700(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound	Surface		A	Y		600(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ¹	All	Plaster, Sample 0013A Pinchin File No. 46105	Base		D	N		2000(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital

Location: #5004 : 1st Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 1

Building Name: Burton Wing

Room #: 1100D

Last Re-Assessment: 0000-00-00

Area (sqft): 500

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	600		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)

1 - Off white paint

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5048 : Room 1154
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1154
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		280(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct	All	Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic under carpet			A	N		300			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		300			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Fan Unit	Not Insulated, Induction Unit			A	Y						V0000	Non-Asbestos		None	
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		240(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		450(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5048 : Room 1154
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1154
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Plaster	550		SF	V0029	Off white paint			Pb: 0.061 % Lead (Low)

1 - Off white paint on plaster and drywall

Client: Sick Kids Hospital
Location: #5048 : Room 1154
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1154
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5049 : Room 1155
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1155
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		300(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Floor		Terrazzo			A	Y		300			SF	V0054	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		240(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)			C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		390(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ²	All	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		600(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Enclosed in columns

2 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5049 : Room 1155
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1155
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	390		SF	V0029	Off white paint			Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5049 : Room 1155
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1155
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5051 : Room 1115C & 115D
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 115C
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		200(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic under carpet			A	N		200			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		200			SF	V0054	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		1500(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N						V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		640(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ²	All	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	N		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Interior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Enclosed in columns

2 - Sample 0013A Pinchin File No. 46105. Assume behind drywall on core wall

3 - Assume on masonry block core walls behind Drywall/plaster

Client: Sick Kids Hospital
Location: #5051 : Room 1115C & 115D
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 115C
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	640		SF	V0029	Off white paint			Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5051 : Room 1115C & 115D
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 115C
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5052 : Room 1157
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1115D
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" fissures and pinholes	ALL		C	Y		280			SF	V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	C	N						V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N						V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic under carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Fan Unit	Not Insulated, Induction Unit			A	Y						V0000	Non-Asbestos		None	
Other ²	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous), Green			C	N		240			SF	V0000	Non-Asbestos		None	
Structure ³	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N						V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		450(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ⁴	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Date code: 07/17/06

2 - Located within column enclosure

3 - Enclosed in columns

4 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5052 : Room 1157
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1115D
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	550		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)

1 - Off white paint on drywall and plaster

Client: Sick Kids Hospital
Location: #5052 : Room 1157
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1115D
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5056 : Room 1162
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1162
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		300(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Sick Kids Hospital
Location: #5056 : Room 1162
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1162
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	350		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5056 : Room 1162
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1162
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹	4	EA	V9000	Yes

1 - T8

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5057 : Room 1161
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1161
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		280(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	N		300			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		200(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		250(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5057 : Room 1161
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1161
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	500		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	

1 - Off white paint

Client: Sick Kids Hospital
Location: #5057 : Room 1161
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1161
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5058 : Room 1164
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1164
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ²	All	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	N		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Enclosed in columns

2 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5058 : Room 1164
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1164
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	300		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	

1 - Off white paint

Client: Sick Kids Hospital
Location: #5058 : Room 1164
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1164
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5059 : Room 1165
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1165
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		300			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		200(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		290(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5059 : Room 1165
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1165
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	245		SF	V0029	Off white paint		Pb: 0.061 %	Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5059 : Room 1165
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1165
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5060 : Room 1167
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #5060 : Room 1167
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	400		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	

1 - Off white paint

Client: Sick Kids Hospital
Location: #5060 : Room 1167
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5061 : Room 1166
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1166
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		200(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		290(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5061 : Room 1166
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1166
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	245		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	
Wall ²	Drywall and joint compound	145		SF	V0012	Blue paint	Pb: <0.006 %	No	

1 - Off white paint

2 - On drywall walls

Client: Sick Kids Hospital
Location: #5061 : Room 1166
2025-09-29

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1166

Area (sqft): 100

Survey Date: 2025-09-05

Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5062 : Room 1169
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1169
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic underneath carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #5062 : Room 1169
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1169
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	300		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)
Wall	Drywall and joint compound	100		SF	V0012	Blue paint	Pb: <0.006 %	No

1 - Off white paint

Client: Sick Kids Hospital
Location: #5062 : Room 1169
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1169
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5063 : Room 1168
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1163
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Mastic, Reddish/brown			C	N		1(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		200(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		290(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5063 : Room 1168
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1163
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	390		SF	V0029	Off white paint			Pb: 0.061 % Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Location: #5063 : Room 1168
Survey Date: 2025-09-05

Floor: 1

Room #: 1163
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5064 : Room 1171
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1171
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Mastic, Reddish/brown			C	N		1(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		200(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		290(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

- 1 - Located within column enclosure
2 - Enclosed in columns
3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5064 : Room 1171
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1171
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	245		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)
Wall	Drywall and joint compound	145		SF	V0012	Blue paint	Pb: <0.006 %	No

- 1 - On drywall and plaster

Client: Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Location: #5064 : Room 1171

Floor: 1

Room #: 1171

Area (sqft): 100

Survey Date: 2025-09-05

Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes
Thermostat ¹			V0000	

1 - Eletric

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5065 : Room 1172
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1172
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		180(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Mastic, Reddish/brown			C	N		10(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		200			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		200			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		235(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall ³	Exterior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	Interior	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5065 : Room 1172
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1172
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	300		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	
Wall ²	Drywall and joint compound	300		SF	V0012	Blue paint	Pb: <0.006 %	No	

1 - On drywall and plaster

2 - On drywall walls

Client: Sick Kids Hospital
2025-09-29

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Quantities shown above are based on visual approximations only and may be subject to variation. Copyright Pinchin Ltd. 2025

Page 30 of 72.

Location: #5065 : Room 1172

Floor: 1

Room #: 1172

Area (sqft): 200

Survey Date: 2025-09-05

Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Yes
Thermostat ¹			V0000	

1 - Electric

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5066 : Room 1173
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1173
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		100			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		170(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #5066 : Room 1173
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1173
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	300		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)	
Wall	Drywall and joint compound	100		SF	V0063	Yellow paint on drywall wall	Pb: <0.00061 %	No	

1 - Off white paint

Client: Sick Kids Hospital
Location: #5066 : Room 1173
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1173
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5067 : Room 1176
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		300			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		170(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ²	All	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Enclosed in columns

2 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5067 : Room 1176
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	400		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5067 : Room 1176
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1167
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5076 : Room 1175
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1175
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct		Mastic, Reddish/brown			C	N		5(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		180(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		300(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #5076 : Room 1175
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1175
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	300		SF	V0029	Off white paint		Pb: 0.061 %	Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5076 : Room 1175
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1175
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5077 : Room 1178
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1178
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		200(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Yellow mastic under carpet			A	N		200			SF	V0078	None Detected	N.D.	None	
Floor	All	Terrazzo			A	N		200			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		240(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #5077 : Room 1178
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1178
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	400		SF	V0029	Off white paint	Pb: 0.061 %	Lead (Low)

1 - Off white paint

Client: Sick Kids Hospital
Location: #5077 : Room 1178
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1178
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #5079 : Room 1109C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1109C
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		90(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" small fissures and pinholes			C	Y		10			SF					
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	N		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		150(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		300(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ³	Interior	Plaster, Sample 0013A Pinchin File No. 46105	Surface		A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF

1 - Date Code: 08/31/07

2 - Enclosed in columns

3 - Sample 0013A Pinchin File No. 46105

Client: Sick Kids Hospital
Location: #5079 : Room 1109C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1109C
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	200		SF	V0029	Off white paint		Pb: 0.061 %	Lead (Low)
Wall ²	Drywall and joint compound	100		SF	V0012	Blue paint		Pb: <0.006 %	No

1 - Off white paint

2 - On drywall and plaster

Client: Sick Kids Hospital
Location: #5079 : Room 1109C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 1

Building Name: Burton Wing
Room #: 1109C
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #6003 : 2nd Floor East Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100 E

Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		40			SF	V0075	None Detected	N.D.	None	
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" Random pencil hole pattern			C	Y						V0000	Non-Asbestos		None	
Ceiling ²	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Canvas	C	N						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct		Mastic, Grey			C	N		50			SF	V0028	None Detected	N.D.	None	
Floor		Terrazzo			A	N		1000			SF	V0054	None Detected	N.D.	None	
Floor		Rubber		Mastic	A	N						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic underneath rubber flooring			A	N		1000			SF	S0065B	None Detected	N.D.	None	
Mechanical Equipment		Not Insulated, Induction unit			A	Y		1			EA	V0000	Non-Asbestos		None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ³	All	Adhesive/mastic, Vinyl base board and mastic			A	Y		1000			LF	V0045	None Detected	N.D.	None	
Piping		Fibreglass		Canvas	C	N						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure ⁴	All	Fireproofing (Fibrous), Green			D	N		500			SF	V0000	Non-Asbestos		None	
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		1100			SF	S0116E	None Detected	N.D.	None	
Wall	Interior	Plaster	Surface		A	Y		750			SF	S0048FG	None Detected	N.D.	None	

1 - August 2016

2 - Date code: 03/31/05

3 - Vinyl base board and mastic

4 - New spray fireproofing installed after abatement in 2006

Client: Sick Kids Hospital

Location: #6003 : 2nd Floor East Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100 E

Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Plaster	750		SF	V0025	Off white paint	Pb: <0.005 %	No	
Wall	Drywall and joint compound	1100		SF	V0012	Blue	Pb: <0.006 %	No	
Ceiling	Plaster	40		SF	V0067	White paint on plaster ceiling	Pb: 0.036 %	Lead (Low)	

1 - Off white paint

Client: Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

ALL DATA REPORT

Location: #6003 : 2nd Floor East Corridor
Survey Date: 2025-09-05

Floor: 2

Room #: 2100 E
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹	14	EA	V9000	Yes

1 - T8

Client: Sick Kids Hospital

Site: 555 University Avenue, Toronto, ON

Building Name: Burton Wing

Location: #6003 : 2nd Floor East Corridor
Survey Date: 2025-09-05

Floor: 2

Room #: 2100 E
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MOULD								
System	Material	Visible	Quantity	Unit	Sample Type	Sample No	Sample Description	Mould
Ceiling	Ceiling Tiles (lay-in)	Y	3	SF	V	9500	Water staining on non-asbestos ceiling tiles	Presumed

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #6004 : 2nd Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100D

Last Re-Assessment: 0000-00-00

Area (sqft): 800

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		300			SF	S0075DE	None Detected	N.D.	None	
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" Random pencil hole pattern			C	Y						V0000	Non-Asbestos		None	
Ceiling ²	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Ceiling ³	Acoustic Tile	Ceiling Tiles (lay-in), 24x48 small dimples and fissures			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Canvas	B	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	B	Y						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct		Mastic, Grey			C	N		50			SF	V0028	None Detected	N.D.	None	
Floor		Rubber		Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic underneath rubber flooring		Rubber	A	N		400			SF	S0065C	None Detected	N.D.	None	
Floor ⁴	All	Terrazzo	Base		D	N		800			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Not Insulated, Induction unit			A	Y		8			EA	V0000	Non-Asbestos		None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		9(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ⁵	Fire Stop	Caulking, Black firestop caulking			D	N		18(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass		Canvas	C	N						V0000	Non-Asbestos		None	
Piping		Fibreglass		Paper	C	N						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure ⁶	All	Fireproofing (Fibrous), Green			D	N		1000			SF	V0000	Non-Asbestos		None	
Structure	Column	Fireproofing (Fibrous)	ALL		B	Y		500(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)			C	N						V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Plaster	Surface		A	Y		1000			SF	S0064CD	None Detected	N.D.	None	
Wall	Interior	Drywall and joint compound			A	Y		300(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Plaster			A	Y		680			SF	S0048DE	None Detected	N.D.	None	

1 - August 2016

2 - Date code: 03/31/05

3 - Date code: 08/26/02

4 - 400 square feet covered by rubber

5 - Located within column enclosure

6 - New spray fireproofing installed after abatement in 2006

Client: Sick Kids Hospital

Location: #6004 : 2nd Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100D

Last Re-Assessment: 0000-00-00

Area (sqft): 800

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Plaster	880		SF	V0025	Off white paint	Pb: <0.005 %	No
Wall	Plaster	1000		SF	V0027	Blue paint		No
Ceiling	Plaster	300		SF	L0067	White paint on plaster ceiling	Pb: 0.036 %	Lead (Low)

1 - Off white paint on plaster and drywall

Client: Sick Kids Hospital

Location: #6004 : 2nd Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100D

Last Re-Assessment: 0000-00-00

Area (sqft): 800

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹	34	EA	V9000	Yes

1 - T8

Client: Sick Kids Hospital

Location: #6004 : 2nd Floor South Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2100D

Last Re-Assessment: 0000-00-00

Area (sqft): 800

MOULD								
System	Material	Visible	Quantity	Unit	Sample Type	Sample No	Sample Description	Mould
Ceiling	Ceiling Tiles (lay-in)	Y	1	SF	V	9000	Mould on non-asbestos ceiling tile	Yes

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #6005 : 2nd Floor West Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2127

Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		700(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Canvas	B	Y		100			%	V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	B	Y		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo			A	Y		1000			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping	All	Fibreglass	ALL	Canvas	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)	ALL		C	N		1400(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound	Surface		A	Y		1400(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Sick Kids Hospital

Location: #6005 : 2nd Floor West Corridor

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2127

Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	1400		SF	L0026	Light yellow paint	Pb: <0.007 %	No	

1 - Light yellow paint

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6012 : Room 2107C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2107C
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		450(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" small fissures and pinholes			C	Y		50			SF					
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		500			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		350(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		1100(7)			SF	S0118ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date Code: 08/31/07

Client: Sick Kids Hospital
Location: #6012 : Room 2107C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2107C
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	1000		SF	V0025	Off white paint		Pb: <0.005 %	No

1 - Off white paint

Client: Sick Kids Hospital
Location: #6012 : Room 2107C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2107C
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	1100	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6012 : Room 2107C
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2107C
Last Re-Assessment: 0000-00-00

Area (sqft): 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	20		V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6013 : Room 2132
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2132
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Base		A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		150(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		400(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Plaster			A	N		100			SF	V0048	None Detected	N.D.	None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6013 : Room 2132
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2132
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	400		SF	V0025	Off white paint	Pb: <0.005 %	No

1 - Off white paint

Client: Sick Kids Hospital
Location: #6013 : Room 2132
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2132
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	500	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6013 : Room 2132
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2132
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6016 : Room 2136
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2136
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20			SF	V0075	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		70(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" small fissures and pinholes			C	Y		10			SF					
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ²	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ³	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Plaster			A	Y		100			SF	V0064	None Detected	N.D.	None	
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		300(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date Code: 08/31/07

2 - Located within column enclosure

3 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6016 : Room 2136
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2136
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	400		SF	V0025	Off white paint			No

1 - On drywall and plaster

Client: Sick Kids Hospital
Location: #6016 : Room 2136
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2136
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheeting ¹	400	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6016 : Room 2136
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2136
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6017 : Room 2137
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2137
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20			SF	V0075	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		100			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ²	Window Liner	Caulking, Butyl			D	N		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		170(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ³	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Plaster			A	Y		100			SF	V0064	None Detected	N.D.	None	
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		300(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Exterior of window

3 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6017 : Room 2137
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2137
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	400		SF	V0025	Off white paint			No

1 - On drywall and plaster

Client: Sick Kids Hospital
Location: #6017 : Room 2137
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2137
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheeting ¹	400	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6017 : Room 2137
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2137
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6018 : Room 2140
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2140
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20			SF	V0075	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2" x 4" random pencil hole pattern	ALL		C	Y		80(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		300			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		1(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		170(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ²	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Plaster			A	Y		100			SF	V0064	None Detected	N.D.	None	
Wall	Exterior	Mastic, Brown/yellow mastic adhesive pucks			A	N		20(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		300(7)			SF	S0118D	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6018 : Room 2140
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2140
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	400		SF	V0025	Off white paint	Pb: <0.005 %	No	

1 - On drywall and plaster

Client: Sick Kids Hospital
Location: #6018 : Room 2140
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2140
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	400	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6018 : Room 2140
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2140
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6019 : Room 2141
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2141
Last Re-Assessment: 0000-00-00

Area (sqft): 350

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20			SF	V0075	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		330(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		350			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		Mastic, Brown mastic on induction unit			A	N		2(7)			EA	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ¹	Fire Stop	Caulking, Black firestop caulking			D	N		4(7)			EA	V0109	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ²	Window Liner	Caulking, Butyl			D	N		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		305(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ³	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Exterior	Plaster			A	Y		200			SF	V0064	None Detected	N.D.	None	
Wall	Interior	Drywall and joint compound			A	Y		400(7)			SF	S0118E	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Located within column enclosure

2 - Exterior of window

3 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6019 : Room 2141
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2141
Last Re-Assessment: 0000-00-00

Area (sqft): 350

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	600		SF	V0025	Off white paint	Pb: <0.005 %	No

1 - On drywall and plaster

Client: Sick Kids Hospital
Location: #6019 : Room 2141
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2141
Last Re-Assessment: 0000-00-00

Area (sqft): 350

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheeting ¹	600	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6019 : Room 2141
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2141
Last Re-Assessment: 0000-00-00

Area (sqft): 350

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6020 : Room 2144
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2144
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		B	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" small fissures and pinholes			C	Y		10			SF					
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		170(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Drywall and joint compound			A	Y		350(7)			SF	V0118	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date Code: 08/31/07

Client: Sick Kids Hospital
Location: #6020 : Room 2144
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2144
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	250		SF	V0025	Off white paint	Pb: <0.005 %	No	
Wall ²	Drywall and joint compound	100		SF	V0012	Blue paint	Pb: <0.006 %	No	

1 - Off white paint

2 - On drywall walls

Client: Sick Kids Hospital
Location: #6020 : Room 2144
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2144
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	350	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6020 : Room 2144
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2144
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6021 : Room 2142 & 2143
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2142 & 2143
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		300(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		300			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		300(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		610(7)			SF	S0118FG	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Plaster			A	Y		200			SF	V0048	None Detected	N.D.	None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6021 : Room 2142 & 2143
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2142 & 2143
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Drywall and joint compound	610		SF	V0025	Off white paint	Pb: <0.005 %	No

1 - Off white paint

Client: Sick Kids Hospital
Location: #6021 : Room 2142 & 2143
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2142 & 2143
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	610	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6021 : Room 2142 & 2143
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2142 & 2143
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6022 : Room 2138
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2138
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		20			SF	V0075	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		150(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ¹	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		320(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Plaster			A	N		100			SF	V0048	None Detected	N.D.	None	

1 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6022 : Room 2138
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2138
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description			Hazard
Wall ¹	Drywall and joint compound	320		SF	V0025	Off white paint			No

1 - Off white paint

Client: Sick Kids Hospital
Location: #6022 : Room 2138
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2138
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	420	SF	V9500	Presumed

1 - Lead shielding is presumed present in walls

Client: Sick Kids Hospital
Location: #6022 : Room 2138
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2138
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Fluorescent Light Tube	6	EA		

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6037 : Room 2115
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2115
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		450			SF	V0020	[None]	0.5-5%	[Abated]	
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		500			SF	V0054	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping		Fibreglass		Paper	A	Y						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure ²		Fireproofing (Fibrous)			C	Y		200			SF	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)	ALL		C	N		280			SF	V0017	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)			C	N						V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		550			SF	S0116C	None Detected	N.D.	None	
Wall	Interior	Plaster	Surface		A	Y		100			SF	V0048	None Detected	N.D.	None	

1 - Installed 2025 - Fluoroscopy Renovation (Pinchin File 347952.001)

2 - Installed March 2025. Pinchin File 347952.001.

Client: Sick Kids Hospital
Location: #6037 : Room 2115
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2115
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheetting ¹	100	%		

1 - X ray room assume to be present behind all wa

Client: Sick Kids Hospital
Location: #6037 : Room 2115
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2115
Last Re-Assessment: 0000-00-00

Area (sqft): 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6038 : Room 2126
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2126
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		300(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y		20				V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		500			SF	V0054	None Detected	N.D.	None	
Other	Sink	Mastic, White, White sink mastic			A	Y		5			SF	V0082	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)	ALL		C	N		470(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N						V0000	Non-Asbestos		None	
Wall		Ceramic Tiles		Mastic	A	Y						V0000	Non-Asbestos		None	
Wall		Mastic, Yellow mastic behind ceramic wall tiles			A	N		20(7)			SF	V0084	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		800			SF	S0116A	None Detected	N.D.	None	
Wall	Interior	Plaster	Surface		A	Y		400			SF	V0048	None Detected	N.D.	None	

1 - Date code: 03/31/05

Client: Sick Kids Hospital
Location: #6038 : Room 2126
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2126
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound	800		SF	V0012	Blue paint	Pb: <0.006 %	No	
Wall ¹	Plaster	400		SF	V0025	Off white paint	Pb: <0.005 %	No	

1 - Off white paint on plaster and drywall

Client: Sick Kids Hospital
Location: #6038 : Room 2126
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2126
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheeting ¹	100	%		

1 - X ray room assume to be present behind all wa

Client: Sick Kids Hospital
Location: #6038 : Room 2126
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2126
Last Re-Assessment: 0000-00-00

Area (sqft): 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6039 : Room 2148
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2148
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		500(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Duct	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N						V0000	Non-Asbestos		None	
Floor	All	Terrazzo	Surface		A	Y		500			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other	Sink	Mastic, White, White sink mastic			A	Y		5			SF	V0082	None Detected	N.D.	None	
Piping	All	Fibreglass	ALL	Foil Face	C	N		100			%	V0000	Non-Asbestos		None	
Piping	All	Fibreglass	ALL	Paper	A	Y		100			%	V0000	Non-Asbestos		None	
Piping	All	Not Insulated			C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)	ALL		C	N		290(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N						V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		600			SF	S0116B	None Detected	N.D.	None	

1 - Date code: 03/31/05

Client: Sick Kids Hospital
Location: #6039 : Room 2148
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2148
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	600		SF	V0025	Off white paint		Pb: <0.005 %	No

1 - Off white paint

Client: Sick Kids Hospital
Location: #6039 : Room 2148
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2148
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Lead Sheeting ¹	100	%		

1 - X ray room assume to be present behind all wa

Client: Sick Kids Hospital
Location: #6039 : Room 2148
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2148
Last Re-Assessment: 0000-00-00

Area (sqft): 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6049 : Room 2184
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2184
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Ceiling Tiles (lay-in), 2" x 4" random pencil hole pattern			C	Y						V0000	Non-Asbestos		None	
Ceiling ²	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fissures and pinholes			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct		Mastic, Grey			C	N		15			SF	V0028	None Detected	N.D.	None	
Floor		Rubber	Surface	Mastic	A	Y						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic underneath rubber flooring		Rubber	A	N		500			SF	V0065	None Detected	N.D.	None	
Floor	All	Terrazzo	Base		A	N		500			SF	V0054	None Detected	N.D.	None	
Other	Fire Stop	Caulking, Red firestop			A	Y		2			SF	S0117ABC	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping		Fibreglass		Paper	A	Y						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure ³	Beam	Fireproofing (Fibrous), Green fireproofing			C	N						V0000	Non-Asbestos		None	
Structure ⁴	Column	Fireproofing (Cementitious), Enclosed in columns	ALL		D	N		100(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Concrete (poured)	ALL		C	N						V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		600(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Interior	Plaster			D	N		100			SF	V0048	[None]		[None]	
Wall ⁵	Interior	Mastic, Brown/yellow mastic adhesive pucks			A	N		100(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF

- 1 - 2016
2 - Date code: 03/31/05
3 - New spray fireproofing installed after abatement in 2006
4 - Enclosed in columns
5 - Assume on masonry block core walls behind Drywall/plaster

Client: Sick Kids Hospital
Location: #6049 : Room 2184
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2184
Last Re-Assessment: 0000-00-00

Area (sqft): 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall ¹	Drywall and joint compound	700		SF	V0025	Off white paint		Pb: <0.005 %	No

- 1 - On drywall and plaster

Client: Sick Kids Hospital
Location: #6049 : Room 2184
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #: 2184
Last Re-Assessment: 0000-00-00

Area (sqft): 500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	5	EA	V9000	Yes

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #6058 : Room 2111 Electrical Room

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2111

Last Re-Assessment: 0000-00-00

Area (sqft): 350

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found															
Duct	Not Found															
Floor	All	Terrazzo	ALL		A	Y		350			%	V0054	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Other		Cement Product			B	Y		5(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Other	Debris	Fireproofing (Fibrous)	ALL		B	Y		1(1)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Other	Fire Stop	Caulking, Brownish red			B	Y		4			EA	S0119ABC	None Detected	N.D.	None	
Other	Fire Stop	Caulking, White			B	Y		2			EA	S0120ABC	None Detected	N.D.	None	
Other	Fire Stop	Caulking, Grey			B	Y		3			EA	S0121ABC	None Detected	N.D.	None	
Piping	All	Not Insulated			A	Y		100			%	V0000	Non-Asbestos		None	
Structure ¹		Fireproofing (Fibrous)	ALL		B	Y		49(7)		1(3)	SF	S0017B	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	All	Concrete (poured)	ALL		A	Y		100			%	V0000	Non-Asbestos		None	
Wall	All	Masonry	ALL		A	Y		100			%	V0000	Non-Asbestos		None	

1 - White encapsulant

Client: Sick Kids Hospital

Location: #6058 : Room 2111 Electrical Room

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2111

Last Re-Assessment: 0000-00-00

Area (sqft): 350

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall ¹	Masonry	100		%	V0000			No
Wall	Concrete (precast)	100		%	V0001	Beige paint	Pb: 0.14 %	Lead (High)

1 - Beige paint

Client: Sick Kids Hospital

Location: #6058 : Room 2111 Electrical Room

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: 2

Building Name: Burton Wing

Room #: 2111

Last Re-Assessment: 0000-00-00

Area (sqft): 350

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Transformer	1		EA	V0000			No

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6071 : Room 2115A
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Ceiling Tiles (lay-in)			B	Y		50			SF	V0000	Non-Asbestos		None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern	ALL		C	Y		100			SF	V0020	[None]	0.5-5%	[Abated]	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct		Mastic, Green			C	N		10			SF	V0077	None Detected	N.D.	None	
Floor		Terrazzo	Surface		A	Y		100			SF	V0054	None Detected	N.D.	None	
Piping		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Piping		Fibreglass		Paper	A	Y						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure ²		Fireproofing (Fibrous)			B	Y		50			SF	V0000	Non-Asbestos		None	
Structure ³	Beam	Fireproofing (Fibrous)			C	N		30			SF	V0000	Non-Asbestos		None	
Structure	Beam	Fireproofing (Fibrous)			C	N		160			SF	V0017	[None]	25-50%	[Abated]	
Structure ⁴	Column	Fireproofing (Fibrous), Enclosed in columns			D	N		100			SF	V0017	[None]	25-50%	[Abated]	
Structure	Deck	Concrete (poured)			C	N						V0000	Non-Asbestos		None	
Wall	All	Masonry	Base		D	N		100			%	V0000	Non-Asbestos		None	
Wall	Interior	Drywall and joint compound			A	Y		400			SF	S0116D	None Detected	N.D.	None	
Wall	Interior	Plaster			A	Y		100			SF	V0048	None Detected	N.D.	None	

- 1 - Installed 2025 - Fluoroscopy Renovation (Pinchin File 347952.001)
- 2 - Installed 2025 - Fluoroscopy Renovation (Pinchin File 347952.001)
- 3 - White non-asbestos fireproofing
- 4 - Enclosed in columns

Client: Sick Kids Hospital
Location: #6071 : Room 2115A
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall ¹	Drywall and joint compound	500		SF	V0025	Off white paint	Pb: <0.005 %	No	

- 1 - On drywall and plaster

ALL DATA REPORT

Client: Sick Kids Hospital
Location: #6072 : Corridor 2181A&B
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" small dimples and fissures			C	Y						V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N						V0000	Non-Asbestos		None	
Duct		Mastic, Reddish/brown			C	N		15(7)			SF	V0041	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Terrazzo			A	N		200			SF	V0054	None Detected	N.D.	None	
Floor		Rubber		Mastic	A	N						V0000	Non-Asbestos		None	
Floor		Mastic, Mastic underneath rubber flooring			A	N		200			SF	V0065	None Detected	N.D.	None	
Other	Fire Stop	Caulking, Red firestop			A	Y		10			SF	V0117	None Detected	N.D.	None	
Piping		Fibreglass		Canvas	C	N						V0000	Non-Asbestos		None	
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Structure	Beam, Deck	Concrete (poured)	ALL		C	N		100			%	V0000	Non-Asbestos		None	
Structure	Beam	Mastic, Brown/yellow mastic adhesive pucks			A	N		10(7)			SF	V0051	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall	Interior	Drywall and joint compound			A	Y		300			SF	V0116	None Detected	N.D.	None	

1 - Date code: 02/16/02

Client: Sick Kids Hospital
Location: #6072 : Corridor 2181A&B
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Drywall and joint compound	300		SF	L0068	Grey paint on drywall wall	Pb: 0.00036 %	No

Client: Sick Kids Hospital
Location: #6072 : Corridor 2181A&B
Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON
Floor: 2

Building Name: Burton Wing
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture ¹	8	EA	V9000	Yes

1 - T8

ALL DATA REPORT

Client: Sick Kids Hospital

Location: #19009 : Room S243, S246, S246A & S246D

Survey Date: 2025-09-05

Site: 555 University Avenue, Toronto, ON

Floor: S

Building Name: Burton Wing

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 1650

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		50			SF	V0056	None Detected	N.D.	None	
Ceiling		Metal pan ceiling tiles, 12"x12" metal pan ceiling tiles			C	Y						V0000	Non-Asbestos		None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), Ceiling Tiles (lay-in), 24" x 48" pencil hole pattern			C	Y		650(7)			SF	V0020	Amosite	0.5-5%	Confirmed Asbestos	PF
Ceiling	Exterior	Plaster			C	Y		40			SF	V0056	None Detected	N.D.	None	
Duct		Fibreglass		Foil Face	C	N						V0000	Non-Asbestos		None	
Floor		Wood			A	Y						V0000	Non-Asbestos		None	
Floor		Terrazzo			D	N		10000			SF	V0054	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other		Mastic, Grey, Grey sink mastic			A	N		2			SF	S0083ABC	None Detected	N.D.	None	
Piping		Fibreglass		Paper	C	N						V0000	Non-Asbestos		None	
Piping ¹		Aircell			C	N		25(7)			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	F
Piping		Not Insulated			C	N						V0000	Non-Asbestos		None	
Piping ²	Hot Water Heating	Parging Cement			C	N		20(7)			EA	V0016	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Beam	Fireproofing (Fibrous)			C	N		2000(7)			SF	V0017	Chrysotile	25-50%	Confirmed Asbestos	F
Structure ³	Beam	Mastic, Black, Black mastic on foamglass/steel beam			C	N		10			SF	S0114ABC	None Detected	N.D.	None	
Wall		Plaster			A			1000			SF	V0056	None Detected	N.D.	None	
Wall		Ceramic Tiles			A	Y						V0000	Non-Asbestos		None	
Wall		Mastic, Mastic behind ceramic tiles			A	N						V0084	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Exterior	Plaster			A	Y		300			SF	V0056	None Detected	N.D.	None	
Wall	Exterior	Metal			A	Y						V0000	Non-Asbestos		None	
Wall ⁴	Interior	Drywall and joint compound			A	Y		4100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Previously sampled in the Black Wing (V0019), for this scope, this room is now part of the Burton Wing.

2 - Assume above metal pan ceiling

3 - Sampled in Room S246A

4 - (previously sampled b54914 002A-C).

Legend:



Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.
L	The material is partially visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceiling system or access panels) to view completely and access. Includes partially viewed access points to crawlspaces, attic spaces, etc. without entering. Observations are limited to the extent visible from the access points.

Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

Colour Coding	
	The material is a hazardous material, either by analytical results or by visible identification.
	The material is presumed to be a hazardous material, based on visual appearance, and was not sampled due to limited access or the non-destructive nature of sampling.

Action					
(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair
(7)	Management program and surveillance				