Asbestos Register

Blue Mountains City Council maintains asbestos registers ("registers") and asbestos management plans ("plans") relating to each of the buildings owned or occupied by the Council. The registers and plans record information about the existence and location of any known or presumed asbestos containing materials ("ACM") within those buildings.

The Council's governing body has adopted the Council's corporate [/asbestos-registers]Asbestos Policy, which is available on our website.

The registers and plans are in two forms. First, the Council maintains a corporate asbestos register and a corporate asbestos management plan. Second, the Council has prepared individual registers and individual plans for each building that contains or may contain ACM. Hardcopies of those individual registers and plans are held in the building concerned.

Whenever work is carried out on a Council building the hardcopy register and the hardcopy plan are each amended by hand, as required. This action ensures that Council employees or contractors who work from time to time within that building have access to accurate information about the ACM that it contains or may contain.

The electronic versions of each of the corporate plans and registers, and of the plans and registers for individual buildings, are periodically updated. However, the key documents are the hardcopy registers and the hardcopy plans for each building which must be inspected before any work is carried out on that building.

NOTES:

(1) The Council's electronic registers and plans are valid as dated, and ARE NOT to be relied upon as definitive records and ARE NOT to be used for reference purposes for any construction, demolition, maintenance or any other onsite works. IN ALL CASES, the onsite hardcopy building specific asbestos register and building specific asbestos management plan MUST BE CONSULTED prior to the commencement of physical works on the building concerned. While the electronic versions of the Council's registers and plans provide guidance concerning the presence or possible presence of ACM it is the onsite hardcopy registers and plans which will remain up to date.

(2) The Council's electronic registers and plans relate to Council owned or managed buildings. The electronic registers and plans do not relate to structures (such as picnic shelters, bus shelters and other freestanding structures). Before any work is carried out on such structures the Council's Hazardous Materials Team ("HMT") MUST BE CONSULTED. The HMT may be contacted at **council@bmcc.nsw.gov.au**. The HMT will provide information concerning any ACM that may be present in the structure concerned.

Further information: Further information on safe asbestos management may be obtained by contacting Councils Hazardous Materials Management Team at **council@bmcc.nsw.gov.au**.

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Work Health and Safety Regulation 2017 R427 requires a copy of the asbestos register and management plan (incorporating other hazardous building materials as detailed in this report) to be available and readily accessible to all workers intending to carry out works at the workplace. The intent of this legislation is to minimise accidental disturbance of asbestos based products. If asbestos based products are to be disturbed reference to the asbestos management plan must

Work Health and Safety Regulation 2017 R428 requires that the management plan must be controlled by a person who is in control of the workplace.

The Nominated Controller of the Hazardous Building Materials Register & Management Plan for this workplace is

Prepared for:
Blue Mountains City Council,
2-6, Civic Place,
Katoomba,
NSW, 2780

This hard copy is for the;

Managing Agent ☐
Property Owner ☐
Property On-Site ☐

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1.1 SCOPE OF REPORT

Regional EnviroScience Pty Ltd was requested by Mr. Rick Harris of Blue Mountain City Council to undertake a Hazardous Building Materials Register and to prepare a Hazardous Building Materials Management Plan of the property known as Katoomba Depot, 22, South Street, Katoomba, NSW, 2780. The purpose of the audit was to locate and identify asbestos based building materials and product within the building in accordance with the *NSW Work Health and Safety Act, 2011 and Regulation 2017* and the *Code of Practice; How to Manage and Control Asbestos in the Workplace* [Safe Work Australia: 2016] and the *Code of Practice; How to Safely Remove Asbestos* [Safe Work Australia: 2016].

Additionally, this assessment aimed to identify potentially hazardous building materials, including, Lead (Pb) Based Paint, Synthetic Mineral Fibres (SMF), Polychlorinated Biphenyls (PCBs), and Phenols. The identification of SMFs, PCBs and Phenols is by visual assessment only.

Sampling of the various suspect building materials and subsequent laboratory analysis, was required to confirm the presence or absence of hazardous materials including asbestos. Details of the results for the samples collected are contained in Appendices I. Samples taken, were representative where visual inspection indicated materials to be similar in nature, and of similar age. Where materials could not be sampled and are of an age, they have been assumed to contain asbestos, of note electrical “Bakelite” backing boards.

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1.2 LIMITATIONS

The inspection of the building was limited to areas that are outlined in this report, the inspector could not generally access entire ceiling spaces or foundation areas, also areas that could not be readily accessed areas including wall cavities and underground services were not able to be inspected in full. If these areas require major works a detailed inspection, which may include partial demolition for access would be required if major works are scheduled.

1 To the extent permitted by law, Regional EnviroScience Pty Ltd will not be responsible in tort, contract or otherwise for any loss or damage, including for any personal injuries or death, or any consequential loss, loss of markets and pure economic loss, suffered by the Customer, whether or not the loss or damage occurs in the course of performance by Regional EnviroScience of this contract or in events which are in the contemplation of Regional EnviroScience and / or the Customer or in events which are foreseeable by Regional EnviroScience and/or the Customer.

2.2 To the extent that liability has not been effectively excluded by the proceeding clause, then Regional EnviroScience limits its liability to: -

(a) The supply of services again; or

(b) The payment of the cost of supplying the services again, at the election of Regional EnviroScience Pty Ltd.

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1.3 ASBESTOS MATERIALS REGISTER

The following tabulated summary details the findings of Asbestos Building Materials and Products.

Nearmap Satellite Image of the Premises:

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The following Risk Action Table is used in each table of this register to assign a risk score that translates into five different actions (1-5). The table should assist the person/s responsible for maintaining the Hazardous Building Materials Register with a tool to determine the course of action and develop an action schedule for the particular hazardous building material that will assist Council in budgeting for remediation / abatement works.

Risk Action Table

Descriptor	Item	Action
A1	Action 1	**RESTRICT ACCESS & REMOVE** As a guide, the material conforms to one, or more, of the following: • Friable or poorly bonded to substrate, located in accessible areas; • Severely water damaged, or unstable; • Further damage or deterioration likely; • Asbestos debris and stored asbestos in reasonably accessible areas; and • Significant peeling and flaking in lead paint in areas that pose immediate risk to children / resident. Removal considered lead risk work
A2	Action 2	**ENCLOSE, ENCAPSULATE OR SEAL BY LICENCED CONTRACTORS - REINSPECT PERIODICALLY** As a guide, the material conforms to one, or more, of the following: • Damaged material; • In reasonably accessible area; • Friable material or poorly bonded to substrate, with bonding achievable; • Possibility of disturbance through contact; • Possibility of deterioration caused by weathering; and • Large areas of peeling and flaking
A3	Action 3	**REMOVE DURING REFURBISHMENT OR MAINTENANCE. ENCLOSE, ENCAPSULATE OR SEAL BY GENERAL MAINTENANCE CONTRACTORS. REINSPECT PERIODICALLY** As a guide, the material conforms to one, or more, of the following; • Asbestos debris or stored material in rarely accessed areas; • Further disturbance or damage unlikely other than during maintenance or service; • Asbestos friction materials, gaskets and brake linings; and • Small / moderate areas of peeling and flaking lead paint in an area that posed low risk. Remedial works suitable by a general maintenance contractor
A4	Action 4	**NO REMEDIAL ACTION – REINSPECT PERIODICALLY** As a guide, the material conforms to one, or more, of the following: • Firmly bonded to substrate and readily visible for inspection; • Inaccessible and fully contained; and • Stable and damage unlikely
A5	Action 5	**NO ACTION REQUIRED – NO HAZARDOUS BUILDING MATERIALS IDENTIFIED**

1.3.1: Asbestos

On the 26th and 27th of February and the 23rd and 24th April 2018, an Asbestos Audit was conducted at the Katoomba Depot located at 22, South Street, Katoomba, NSW, 2780. Asbestos containing building materials were found to be present at the premises. Please refer Appendix I for results of products that were sampled and analysed but did not contain asbestos.

ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Compressor Room Soffit Lining **2071**	Sample B17955 -S1 Chrysotile & Amosite Asbestos Detected Non-Friable Approximately 1m²	A3	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Ground Floor Beneath Stairs to 1st Floor Offices Wall Lining Fibre Cement **2072**	Sample B17955-S2 Chrysotile and Amosite Asbestos Detected Non-Friable Approximately 6m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan **Encapsulated 18/166456**

[1] The risk rating considers the condition of the hazardous material inspected

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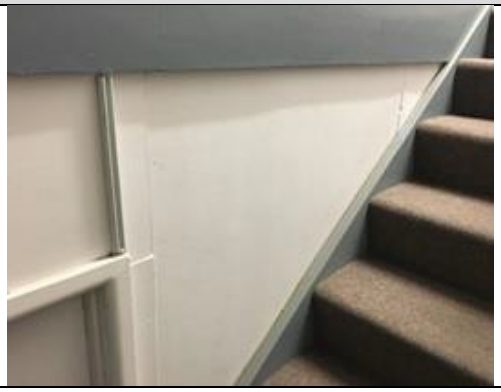
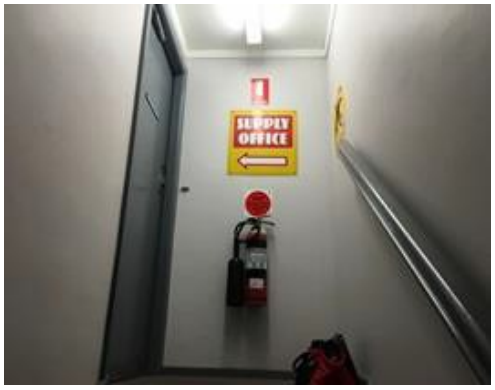
ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - North Side of Stairs Below Timber Header Wall Lining Infills Fibre Cement **2073**	Sample B17955-S3 Chrysotile Asbestos Detected Non-Friable Approximately 4m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Supply Office Wall Above North Side of Stairs and to East Side of Landing Fibre Cement **2074**	Similar to Sample B17955-S3 Chrysotile Asbestos Detected Non-Friable Approximately 17m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - First Floor Eastern Office West Wall Lining Fibre Cement **2075**	Sample B17955-S4 Chrysotile Asbestos Detected Non-Friable Approximately 7m²	A4	Fair Condition Accessible to Tradespeople Refer to Asbestos Management Plan

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ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - First Floor Wash Room & Toilet Wall Linings Fibre Cement **2076**	Sample B17955-S5 Chrysotile Asbestos Detected Non-Friable Approximately 17m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
24th April 2018		Internal - Compressor Room Meter Board Electrical Bakelite Backing Board **2077**	No Sample Taken Assume Containing Material Non-Friable Approximately 0.5m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Warehouse Electric Backing Board (x2) **2078**	No Sample Taken Assume Asbestos Containing Material Non-Friable Approximately 2m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan

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ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Northern Aspect Corrugated Iron Roof / Wall Cladding, Steel Frame, Steel & PVC Gutters / Downpipes, Concrete Pad, Timber Window Frames **2079**	No Sample Taken No Asbestos Materials Sighted	A5	No Action Required
24th April 2018		External - Northern Awning Aluminum Soffit, Brick Piers, Profiled Aluminum Siding **2080**	No Sample Taken No Asbestos Materials Sighted	A5	No Action Required
24th April 2018		External - Eastern Aspect Corrugated Iron Roof / Wall Cladding, Steel Frame, Steel & PVC Gutters / Downpipes, Concrete Pad, Timber Window Frames **2081**	No Sample Taken No Asbestos Materials Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
24th April 2018		Exterior - Northern Aspect Corrugated Iron Roof / Wall Cladding, Steel Frame, Steel & PVC Gutters / Downpipes, Concrete Pad, Timber Window Frames, Block Retaining Wall	No Sample Taken No Asbestos Materials Sighted **2082**	A5	No Action Required
24th April 2018		Exterior - Western Aspect Corrugated Iron Roof / Wall Cladding, Steel Frame, Steel & PVC Gutters / Downpipes, Concrete Pad, Timber Window Frames **2083**	No Sample Taken No Asbestos Materials Sighted	A5	No Action Required
26th February 2018		Internal - Ground Floor Entry Foyer of Reception Area Plasterboard Ceiling / Walls, Plywood Walls, Timber Skirtings / Architraves, Aluminum Windows, Masonite & Timber Counter	No Sample Taken No Asbestos Containing Materials Sighted **2084**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Ground Floor Behind Reception Plasterboard Ceiling / Walls, Plywood Walls, Timber Skirtings & Architraves, Perspex Windows	No Sample Taken No Asbestos Containing Materials Sighted **2085**	A5	No Action Required
24th April 2018		Internal - Ground Floor Amenities Plasterboard Ceiling / Infill Above Window, Brick & Render Wall, Terrazzo Partitions, Concrete Floor	No Sample Taken No Asbestos Containing Materials Sighted **2086**	A5	No Action Required
26th February 2018		Internal - Ground Floor North-West Office Plasterboard Ceiling / Walls, Brick & Render Walls **2087**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING[1]**	**ACCESSIBILITY OF ASBESTOS**
24th April 2018		Internal - Ground Floor Kitchen Plasterboard Ceiling / Walls, Brick & Render Walls, Concrete Floor, Laminate and Particleboard Cupboards	No Sample Taken No Asbestos Containing Materials Sighted **2088**	A5	No Action Required
26th February 2018		Internal - Warehouse Concrete Floor, Steel Roof / Walls / Shelves, Insulation Foil, Timber Stud Walls & Particleboard Linings **2089**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
24th April 2018		Internal - Warehouse Mezzanine Particleboard Ceiling / Floor, Steel Shelves **2090**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

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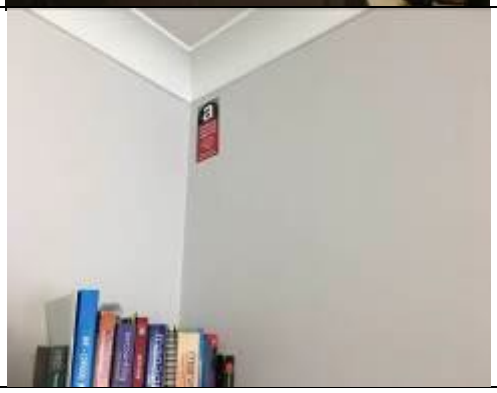
ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - First Floor Meeting Room Plasterboard Ceiling / Walls, Timber Skirting / Door Frames, Carpet **2091**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
24th April 2018		Internal - First Floor Western Office Plasterboard Ceiling / Walls, Carpet on Timber Floor **2092**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
24th April 2018		Internal - First Floor Western Office Note: The Western Wall Has Been Incorrectly Labelled as Potentially Asbestos Containing	No Sample Taken No Asbestos Containing Materials Sighted **2093**	A5	Remove Asbestos Label

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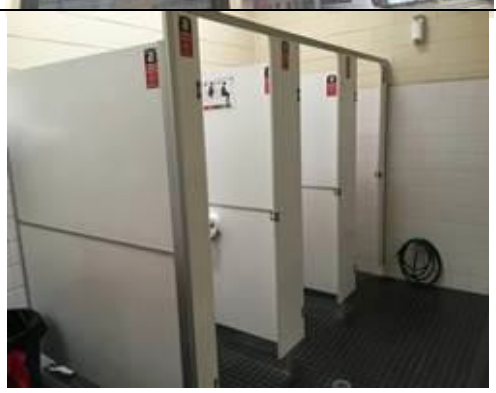
ASBESTOS MATERIALS REGISTER		ASSET: STORES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING[1]	ACCESSIBILITY OF ASBESTOS
26th February 2018		~~Stores Building~~ ~~(Unexpected Find)~~ ~~1 Broken Piece Under Brick Used to Hold Door Open in Store Office, Identified Monday 26/2/18~~ **Removed on 26/2/18 By Blue Mountains City Council Staff Member 2094**	~~Sample B17955-S11~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ **Photograph is Representative of Area Following removal**	~~A2~~	~~Poor Condition, Potential for Airborne Asbestos~~ ~~Immediate Action Required~~ ~~Arrange Asbestos Removal~~

Work Health and Safety Regulation 2017 R425 and R429 requires workplaces to have an Asbestos Register and Management Plan, Reviews must be undertaken when changes occur in the Workplace or when asbestos is removed or more asbestos is identified, otherwise a review every 5 years is sufficient. Date of Register: 26th February 2018 Revision Due: 26th February 2018 Version 1.

ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING**	**ACCESSIBILITY OF ASBESTOS**
26th February 2018		External - North & South Aspects Soffit Linings Fibre Cement Sheet **2095**	Sample B17955-S6 Chrysotile Asbestos Detected Non-Friable Approximately 13m²	A4	Fair Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		External - Southern Aspect Infills to Bulkhead Over Windows Fibre Cement Sheet **2096**	Similar to Sample B17955-S6 Chrysotile Asbestos Detected Non- Friable Approximately 2m²	A4	Fair Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		~~Internal - Male Toilet~~ ~~Cubicle Partitions to (Timber Doors)~~ ~~Fibre Cement Sheet~~ **Removed on 2/2/19 by Blue Mountains City Council Staff Members** **2097**	~~Sample B17955-S9~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 13m²~~	~~A4~~ SLR CC #610.17816.00000.0780R01-v1.0-CLR - 19/25355	~~Good Condition~~ ~~Accessible to Tradespeople~~ ~~Refer to Asbestos Management Plan~~

ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING**	**ACCESSIBILITY OF ASBESTOS**
26th February 2018		~~Internal - Male Showers~~ ~~Cubicle Partitions (Timber Doors)~~ ~~Fibre Cement Sheet~~ **Removed on 2/2/19 by Blue Mountains City Council Staff Members** **2098**	~~Similar to Sample B17955-S9~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 14m²~~	~~A4~~	~~Good Condition~~ ~~Accessible to Tradespeople~~ ~~Refer to Asbestos Management Plan~~ SLR CC #610.17816.00000.0780R01-v1.0-CLR - 19/25355
26th February 2018		~~Internal - Female Toilet~~ ~~Cubicle Partitions (Timber Doors)~~ ~~Fibre Cement Sheet~~ **Removed on 2/2/19 by Blue Mountains City Council Staff Members** **2099**	~~Similar to Sample B17955-S9~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 4m²~~	~~A4~~	~~Good Condition~~ ~~Accessible to Tradespeople~~ ~~Refer to Asbestos Management Plan~~ SLR CC #610.17816.00000.0780R01-v1.0-CLR - 19/25355
26th February 2018		~~Internal - Female Toilet~~ ~~Exposed Board Around Nut & Bolt Fasteners~~ Fibre Cement Sheet **Removed on 2/2/19 by Blue Mountains City Council Staff Members** **2100**	~~Similar to Sample B17955-S9~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 4m²~~	~~A4~~	~~Fair Condition~~ ~~Accessible to Tradespeople~~ ~~Refer to Asbestos Management Plan~~ SLR CC #610.17816.00000.0780R01-v1.0-CLR - 19/25355

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ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		~~Internal - Female Shower~~ ~~Cubicle Partition~~ ~~Fibre Cement Sheet~~ **Removed on 2/2/19 by Blue Mountains City Council Staff Members** **2101**	~~Similar to Sample B17955-S9~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 14m²~~	~~A4~~	~~Good Condition~~ ~~Accessible to Tradespeople~~ ~~Refer to Asbestos Management Plan~~ SLR CC #610.17816.00000.0780R 01-v1.0-CLR - 19/25355
4th April 2018		Internal - Amenities Building North Veranda Soffit Lining Fibre Cement **2102**	Sample B17955-S25 Chrysotile Asbestos Detected Non-Friable Approximately 6m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
24th April 2018		External - Lunch Room Eastern Entry Telstra Services Pit Preformed Fibre Cement Box **2103**	Sample B17955-S28 Chrysotile Asbestos Detected	A3	Fair Condition Accessible to Tradespeople Refer to Asbestos Management Plan Note: This Pit Should Be the Responsibility of Telstra

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ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
s26th February 2018		External - Western Doorway (Rear) Soffit Lining to Awning Fibre Cement Sheet **2104**	Sample B17955-S7 No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Male Toilet Ceiling Lining Fibre Cement Sheet **2105**	Sample B17955-S8 No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Female Shower Room Ceiling Lining Fibre Cement Sheet **2106**	Similar to Sample B17955-S8 No Asbestos Detected.	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Female Toilet Ceiling Lining Fibre Cement Sheet **2107**	Similar to Sample B17955-S8 No Asbestos Detected.	A5	No Action Required
4th April 2018		Internal - Lunch Room Plasterboard Ceiling, Block Walls, Aluminum Window Frames, Linoleum Floor Covering, Bituminous Edging **2108**	Sample B17955-S23 Linoleum No Asbestos Detected	A5	No Action Required
4th April 2018		Internal - Lunch Room Vinyl Floor Tiles **2109**	Sample B17955-S24 No Asbestos Detected	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING**	**ACCESSIBILITY OF ASBESTOS**
24th April 2018		External - Eastern Doorway (Front) Soffit Lining to Awning Fibre Cement Sheet **2110**	Sample B17955-S26 No Asbestos Detected	A5	No Action Required
24th April 2018		Internal - Male Shower Room Infill Panel Below Windows **2111**	Sample B17955-S27 No Asbestos Detected	A5	No Action Required
24th April 2018		Internal - Female Shower Room Infill Below Window Fibre Cement **2112**	Similar to Sample B17955-S27 No Asbestos Detected	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Entry Foyer Concrete Block Walls, Plasterboard infill above door, plasterboard ceiling, Green Linoleum Floor **2113**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal - Male Locker Room Plasterboard Ceiling, Block Walls, Linoleum Flooring & skirting **2114**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
24th April 2018		Internal - Male Locker Room Adjacent Rooms **2115**	Nil Access	Assign Risk Rating Following	Reinspect Rooms When Accessible

ASBESTOS MATERIALS REGISTER		ASSET: AMENTITIES BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICATION	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING**	**ACCESSIBILITY OF ASBESTOS**
26th February 2018		Internal - Female Locker Room Plasterboard Ceiling, Block Walls, Linoleum Floor Covering **2116**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
24th April 2018		Internal - Female Amenities Entry Plasterboard Ceiling, Block Walls, Linoleum Covering **2117**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		External - Eastern Aspect Steel Profiled Roof, Brick Veneer Walls, Fibre Cement Soffits, Aluminum Windows, Concrete Slab **2118**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

ASBESTOS MATERIALS REGISTER		**ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780**			
DATE OF IDENTIFICA	**IMAGES**	**SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS**	**TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²**	**RISK ACTION RATING**	**ACCESSIBILITY OF ASBESTOS**
26th February 2018		External – North & West Aspects Soffit Linings to Awnings (x3) Fibre Cement Sheet **2119**	Sample B17955-S10 No Asbestos Detected Non-Friable Approximately 11m²	A5	No Action Required
26th February 2018		External - North Aspect Corrugated Iron Roof /Fascia / Soffit, Steel Gutters/Downpipes, Window Frames / Corner Capping, Steel Support Beams / Roller Doors Fibre Glass Lower Fascia, Concrete Brick Walls, Steel Bollards & Doorframe, Solid Timber Doors **2120**	Similar to Sample B17955-S10 No Asbestos Containing Materials	A5	No Action Required Assumed Corrugated Iron Soffit Due to Height Restriction

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ASBESTOS MATERIALS REGISTER		ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - North Aspect Corrugated Iron Roof /Fascia / Soffit, Steel Gutters/Downpipes, Window Frames / Corner Capping, Steel Support Beams / Roller Doors Fibre Glass Lower Fascia, Concrete Brick Walls, Steel Bollards & Doorframe, Solid Timber Doors	Similar to Sample B17955-S10 No Asbestos Containing Materials **2121**	A5	No Action Required Assumed Corrugated Iron Soffit Due to Height Restriction
26th February 2018		Internal – Office 1 Steel Ceiling, Block Walls, Masonite Infill, Timber Window Frame / Door Frame, Vinyl Floor Tile **2122**	Sample B17955-S32 No Asbestos Detected Vinyl Floor Tiles Approximately 40m²	A5	No Action Required
26th February 2018		External – West Aspect Aluminum Capping/Window Frames, Corrugated Iron Gables/Awnings with Bonded Board Soffit, Concrete Brick Walls **2123**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External – East Aspect Corrugated Iron Gable, Concrete Brick Walls, Aluminum Window Frames/Corner Capping, Steel Guard **2124**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal – Office 2 Steel Ceiling, Block Walls, Masonite Infill, Timber Window Frame / Door Frame, Carpet **2125**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal – Void Steel Ceiling, Block Walls, Timber Door, Aluminum Doorframe, Ceramic Tile Floor **2126**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal – Male Bathroom Steel Ceiling, Block Walls, Aluminum Door & Window Frame, Ceramic Tile Floor and Skirting **2127**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal – Female Bathroom Steel Ceiling, Block Walls, Aluminum Door & Window Frame, Ceramic Tile Floor and Skirting **2128**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal – Void to Hot Water Storage Area Steel Ceiling, Block Walls, Concrete Floor **2129**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal – Stairwell to 1st Floor Concrete Stairs, Steel Hand Rails, Block Walls **2130**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal – 1st Floor Block Walls, Concrete Slab Floor, Steel Hand Rails / Shelves **2131**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal - 1st Floor Meal Room Compressed Timber Ceiling, RSJ Beams, Timber Walls, Block Walls, Concrete Slab Floor, Aluminum Window Frames **2132**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: WORKSHOP, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal – Western Aspect Workshop Floor Corrugated Iron Roof, RSJ Beams, Insulation Foil, Block Walls, Steel Roller Doors, Concrete Slab Floor **2133**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required
26th February 2018		Internal - Eastern Aspect Workshop Floor Corrugated Iron Roof, RSJ Beams, Insulation Foil, Block Walls, Steel Roller Doors, Concrete Slab Floor **2134**	No Sample Taken No Asbestos Containing Materials Sighted	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Ground Floor Conference Room Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings and Architraves **2135**	Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Ground Floor Conference Room Corridor Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings and Architraves **2136**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Ground Floor Conference Room Corridor Image Showing Fibre Cement Lining Above Plasterboard Ceiling **2137**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required

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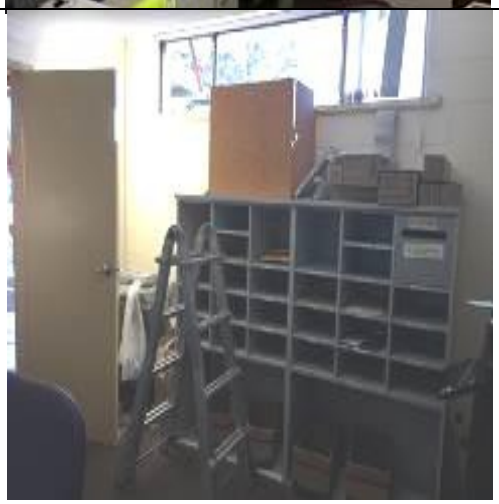
ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Ground Floor Southern Office Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2138**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Ground Floor Central 'Noxious Weeds Team' Office Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2139**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required
24th April 2018		Internal - Administration Building Ground Floor Reception Area/Mail Room Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2140**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Ground Floor North 'Human Resources' Office Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2141**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Ground Floor North-East Office Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2142**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Ground Floor Eastern Office Plasterboard Ceiling / Walls with Fibre Cement Linings Above, Carpet on Concrete Floors, Timber Skirtings & Architraves **2143**	Similar to Sample B17955-S13 Fibre Cement Ceiling No Asbestos Detected	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal – Waste Services Entrance & Kitchenette Brown Vinyl Floor Sheets **2144**	Sample B17955-S14 No Asbestos Detected	A5	No Action Required
24th April 2018		External - Main Entry Porch Soffit Lining **2145**	Sample B17955-S29 No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - 1st Floor Foyer Area Low Density Fibre Board Inserts to Suspended Ceiling, Plasterboard Walls, Black Linoleum Skirting, Carpet Tiles, Concrete Floor	Sample B17955-S31 No Asbestos Detected **2146**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Northern Aspect Flat Steel Roof, Brick Veneer & Timber Cladding, Aluminum Windows, Steel Soffit Lining, Concrete Slab **2147**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		External - Eastern Aspect Flat Steel Roof, Brick Veneer & Timber Cladding, Aluminum Windows, Steel Soffit Lining, Concrete Slab **2148**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		External - Southern Aspect Flat Steel Roof, Brick Veneer & Timber Cladding, Aluminum Windows, Steel Soffit Lining, Concrete Slab **2149**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		External - Western Aspect Flat Steel Roof, Brick Veneer & Timber Cladding, Aluminum Windows, Steel Soffit Lining, Concrete Slab **2150**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		Internal - Ground Floor Main Entry Foyer & Area Above Stairs Plasterboard Ceiling, Block Walls, Ceramic Tile Floor **2151**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		Internal - Ground Floor Corridor off Entry Foyer Steel Ceiling, Block Walls, Carpet Over Concrete **2152**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Ground Floor IT Room Steel Ceiling, Plasterboard & Block Walls, Timber Skirting & Architraves **2153**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		Internal - Ground Floor Waste Services West Office Plasterboard Ceiling / Walls, Timber Skirting & Architraves, Carpet **2154**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		Internal - Ground Floor Waste Services West Office Plasterboard Ceiling / Walls, Timber Skirting & Architraves Carpet **2155**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Stairs to 1st Floor Offices Low Density Fibre Board Suspended Ceiling, Cement Block Walls **2156**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal - 1st Floor Kitchen Kitchenette Floor Vinyl Sheeting **2157**	Sample B17955-S30 No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - 1st Floor Kitchenette Low Density Fibre Board Suspended Ceiling, Block / Plasterboard / Ceramic Tile Walls, Modular Cabinets	No Sample Taken No Asbestos Containing Material Sighted **2158**	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Administration Building 1st Floor Female & Male Toilets Foyer Low Density Fibre Board Suspended Ceiling, Block / Plasterboard / Ceramic Tile Walls	No Sample Taken No Asbestos Containing Material Sighted **2159**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Female Toilet Low Density Fibre Board Suspended Ceiling, Block / Plasterboard / Ceramic Tile Walls	No Sample Taken No Asbestos Containing Material Sighted **2160**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Male Toilet Low Density Fibre Board Suspended Ceiling, Block / Plasterboard / Ceramic Tile Walls	No Sample Taken No Asbestos Containing Material Sighted **2161**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Administration Building 1st Floor Central North Office Low Density Fibre Board Suspended Ceiling, Block Walls, Plasterboard Infill Above Aluminum Window Frames **2162**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Lunchroom Area Low Density Fibre Board Suspended Ceiling, Plasterboard Walls, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2163**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Maintenance Coordinator's Office Low Density Fibre Board Suspended Ceiling, Block Walls, Plasterboard Infill Above Aluminum Window Frame Timber & Glass Partitions, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2164**	A5	No Action Required

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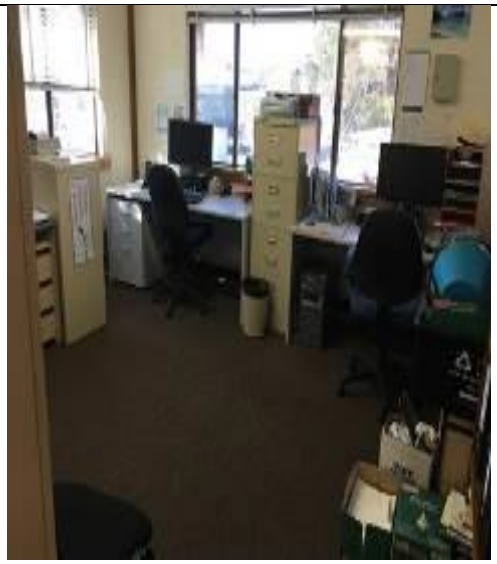
ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Administration Building 1st Floor Program Leader Operations Office Low Density Fibre Board Suspended Ceiling, Block & Plasterboard Walls, Aluminum Window Frame, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2165**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Pavement and Capital Works Coordinator Office Low Density Fibre Board Suspended Ceiling, Block & Timber Panel Walls, Plasterboard Infill Above Aluminum Window Frame, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2166**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Administration Building 1st Floor Asset Inspectors Office Low Density Fibre Board Suspended Ceiling, Block & Timber Panel Walls, Plasterboard Infill Above Aluminum Window Frame, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2167**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Public Lands Tree Inspector Low Density Fibre Board Suspended Ceiling, Block & Timber Panel Walls, Plasterboard Infill Above Aluminum Window Frame, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2168**	A5	No Action Required

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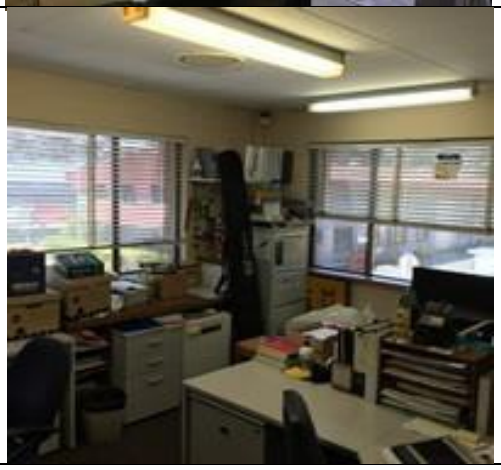
ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 2018		Internal - Administration Building 1st Floor Operations Engineer Office Low Density Fibre Board Suspended Ceiling, Block & Plasterboard Walls, Aluminum Window Frame, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2169**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Plant Coordinator Office Low Density Fibre Board Suspended Ceiling, Block / Plasterboard / Ceramic Tile Walls	No Sample Taken No Asbestos Containing Material Sighted **2170**	A5	No Action Required
26th February 2018		Internal - Administration Building 1st Floor Administration Area North West Low Density Fibre Board Suspended Ceiling, Plasterboard / Walls, Aluminum Window Frames, Carpet	No Sample Taken No Asbestos Containing Material Sighted **2171**	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Administration Building 1st Floor Administration Area South East Low Density Fibre Board Suspended Ceiling, Plasterboard Walls, Aluminum Window Frames, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2172**	A5	No Action Required
26th February 2018		Internal - Administration Building 1st Floor Administration Area North East Low Density Fibre Board Suspended Ceiling, Plasterboard Walls, Aluminum Window Frames, Carpet Tiles	No Sample Taken No Asbestos Containing Material Sighted **2173**	A5	No Action Required
24th April 2018		Internal - Administration Building 1st Floor Program Leader Business & Systems Office Low Density Fibre Board Suspended Ceiling, Block & Plasterboard Walls, Aluminum Window Frames, Carpet	No Sample Taken No Asbestos Containing Material Sighted **2174**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: ADMINISTATION BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
24th April 20 l8		Internal - Administration Building 1st Floor Manager Operations Office **2175**	Nil Access Due to Locked Door & No Key On-Site at Time of Inspection	Assign Risk Rating following Inspection	Reinspect Room When Accessible

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades Ground Floor Main Office External Bonded Board Wall Lining **2176**	Sample B17955-S16 Chrysotile Asbestos Detected Approximately 45m² Non-Friable	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Trades Ground Floor Offices Block Walls, Bonded Board Ceiling / Walls, Carpet Floor **2177**	Similar to Sample B17955-S16 Chrysotile Asbestos Detected Approximately 100m² Non-Friable	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Trades Ground Floor Meal Room Northern Half Ceiling and Northern Wall Bonded Board, Remaining Ceiling Exposed Timber Supports Beams, Block Walls, Concrete Floor	Similar to Sample B17955-S16 Chrysotile Asbestos Detected Approximately Non-Friable	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan **2178**

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal – Trades Ground Floor Electrical Area Electric Backing Board Bakelite **2179**	No Sample Taken Assume Asbestos Containing Material Approximately 4m²	A4	Good Condition Accessible to Tradespeople Refer to Asbestos Management Plan
26th February 2018		Internal - Trades Male Bathroom Northern Toilet Entrance Portico Fibre Cement Sheet Ceiling Lining **2180**	Sample B17955-S15 Bonded Board No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Workshop Foil Insulation, RSJ Beams, Steel Roller Door, Block Walls, Aluminum Window Frames, Bonded Board Infills	Sample B17955-S17 Bonded Board Infills No Asbestos Detected **2181**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades Ground Floor Carpenters Shop Entry Plasterboard Ceiling / Cornices, Block Walls, Aluminum & Timber Door Frames, Solid Timber Doors, Vinyl Floor, Bonded Board to West Wall	Similar to Sample B17955-S17 Bonded Board to West Wall No Asbestos Detected **2182**	A5	No Action Required
26th February 2018		External – Trades Gardiners Shed Containers (x2) North Side of Emulsion Shed Fibre Cement Sheet Offcuts as Packers **2183**	Sample B17955-S18 Fibre Cement Sheet No Asbestos Detected	A5	No Action Required
26th February 2018		External – Yard Area Concrete Walled Dump – South-Western Corner of Yard Broken Fibre Cement Pipe on Ground **2184**	Sample B17955-S19 Fibre Cement No Asbestos Detected	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External – Yard Area South-Western Corner of Yard Broken Fibre Cement Sheet on Ground **2185**	Sample B17955-S20 Fibre Cement No Asbestos Detected	A5	No Action Required
26th February 2018		External - Yard South-Western Corner of Yard Broken Fibre Cement Pipe in Concrete Block Retaining Wall **2186**	Sample B17955-S21 Fibre Cement No Asbestos Detected	A5	No Action Required
26th February 2018		External – Yard Area South-Western Corner of Yard Broken Fibre Cement Pipe in Concrete Block Retaining Wall **2187**	Sample B17955-S22 Fibre Cement No Asbestos Detected	A5	No Action Required

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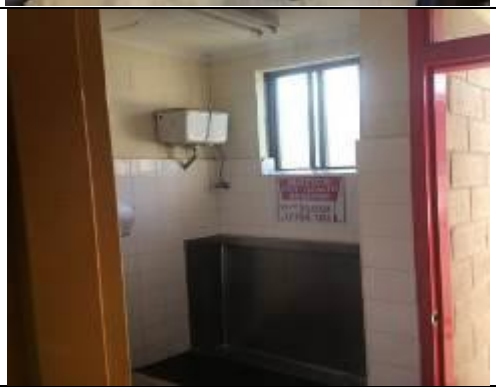
ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Trades South Extension Steel Gutters and Fascia, Corrugated Iron Walls, Bonded Board Soffit **2188**	Sample B17955-S33 Bonded Board Soffit No Asbestos Detected	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Meal Room Particleboard Ceiling, Timber Support Beams, Block Walls, Aluminum & Timber Door Frames, Timber Doors, Concrete Slab, Board Beneath Water Unit	Sample B17955-S34 Bonded Board Base Under Water Heating Unit No Asbestos Detected **2189**	A5	No Action Required
26th February 2018		Internal - Trades Male Bathroom Bonded Board Ceiling, Plasterboard Cornice, Block / Ceramic Tile Walls, Ceramic Tile Floor, Aluminum Door Frames, Timber Door	Sample B17955-S35 Bonded Board Ceiling No Asbestos Detected **2190**	A5	No Action Required

ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades Ground Floor Carpenters Office Vinyl Skirting **2191**	Sample B17955-S36 Vinyl Skirting No Asbestos Detected	A5	No Action Required
26th February 2018		External - Trades Western Aspect Corrugated Iron Gable and Awning (Soffit has been Removed), Aluminum Corner Capping & Window Frames, Block Walls	No Sample Taken No Asbestos Containing Material Sighted **2192**	A5	No Action Required
26th February 2018		External - Trades Northern Aspect Corrugated Iron Roof, Steel Gutters / Fascia / Downpipes / Corner Capping / Soffit, Aluminum Window Frames, Fibre Glass Lower Fascia, Steel Roller Doors, Block Walls, Steel Bollards and Doorframes, Solid Timber Doors	No Sample Taken No Asbestos Containing Material Sighted **2193**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Trades Eastern Aspect Profiled Steel Gable, Block Walls, Aluminum Window Frames / Corner Capping **2194**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		External - Trades Southern Aspect Corrugated Iron Roof, Steel Gutters / Fascia / Downpipes / Corner Capping / Soffit, Aluminum Window Frames, Fibre Glass Lower Fascia, Steel Roller Doors, Block Walls, Steel Bollards and Doorframes, Solid Timber Doors	No Sample Taken No Asbestos Containing Material Sighted **2195**	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Printing Room 1 Compressed Timber Ceiling, Timber Support Beams, Block Walls, Aluminum Door & Window Frames, Concrete Slab	No Sample Taken No Asbestos Containing Material Sighted **2196**	A5	No Action Required

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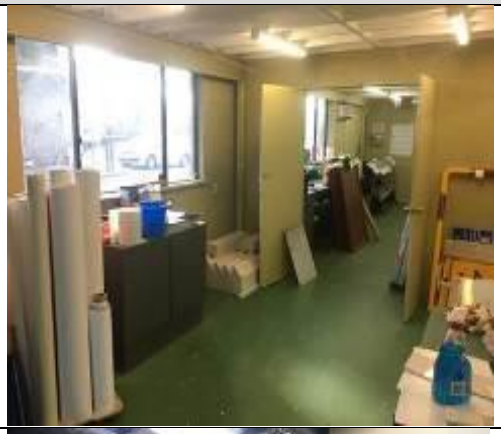
ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades, Ground Floor Printing Room 2 Compressed Timber Ceiling, Timber Support Beams, Block Walls, Aluminum Door & Window Frames, Concrete Slab, MDF Tool Board	No Sample Taken No Asbestos Containing Material Sighted **2197**	A5	No Action Required
26th February 2018		Internal - Trades Printing Room Extension Insulation Foil, Steel Support Beams, Timber Wall South, East & West Steel Roller Doors, Brick & Render North Wall, Concrete Slab	No Sample Taken No Asbestos Containing Material Sighted **2198**	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Printing Room 3 Block Walls, Aluminum Door Frames, Timber Doors & Stairs **2199**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal – Trades 1st Floor Printing Room Foil Insulation, RSJ Beams, Corrugated Iron & Block Wall, Particleboard Floor **2200**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Plumbers Shop Block Walls, Steel Roller Door, Timber Stairs, Concrete Slab **2201**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal – Trades 1st Floor Plumbers Shop Insulation Foil, RSJ Beams, Corrugated Iron Western Wall / Block Wall, Particleboard Floor	No Sample Taken No Asbestos Containing Material Sighted **2202**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades Ground Floor Electricians Area Concrete Brick Walls, Steel Roller Door, Timber Stairs, Concrete Slab Floor **2203**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Carpenters Office Plasterboard Ceiling / Cornices / Walls, Block Walls, PVC Corner Capping, Masonite Infill, Vinyl Skirting & Floor	No Sample Taken No Asbestos Containing Material Sighted **2204**	A5	No Action Required
26th February 2018		Internal - Trades 1st Floor Carpenters Area Foil Insulation, RSJ Beams, Block & Corrugated Iron Walls / Block, Particleboard Floor	No Sample Taken No Asbestos Containing Material Sighted **2205**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Trades 1st Floor Offices Foil Insulation, RSJ Beams, Corrugated Iron & Block Walls, Particleboard Floor **2206**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Rear of Offices Foil Insulation, RSJ Beams, Block Walls, Steel Roller Doors / Cages / Frames, Solid Timber Doors	No Sample Taken No Asbestos Containing Material Sighted **2207**	A5	No Action Required
26th February 2018		Internal - Trades Ground Floor Machinery Shed Foil Insulation, RSJ Beams, Block Walls, Steel Roller Doors / Cages / Frames, Solid Timber Doors, Aluminum Window Frames, Masonite Tool Board	No Sample Taken No Asbestos Containing Material Sighted **2208**	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Emulsion Shed Steel Roof / Frame / Wall Cladding, Concrete Floor **2209**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		Internal - Emulsion Shed Steel Roof / Frame / Wall Cladding, Block Walls, Concrete Floor **2210**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		External - Storage Shed Steel Roof / Frame / Wall Cladding, Block Walls, Concrete Floor **2211**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		Internal - Storage Shed Steel Roof / Frame / Wall Cladding, Block Walls, Concrete Floor **2212**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		External - Storage Shed Steel Roof / Frame / Wall Cladding, Concrete Floor Note: Nil Access to Interior **2213**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required for External Building However Reinspect Interior When Accessible
26th February 2018		External - Animal Enclosure Corrugated Iron Roof & Wall Cladding, Block Walls, Timber Roof Frame **2214**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

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ASBESTOS MATERIALS REGISTER		ASSET: TRADES PARKS & GARDENS BUILDING, KATOOMBA DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF IDENTIFICA	IMAGES	SPECIFIC LOCATION AND DESCRIPTION OF BUILDING MATERIALS	TYPE OF ASBESTOS/ FRIABLE OR NON-FRIABLE APPROX M²	RISK ACTION RATING	ACCESSIBILITY OF ASBESTOS
26th February 2018		External - Animal Enclosure Corrugated Iron Roof & Wall Cladding, Block Walls, Timber Roof Frame **2215**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		External - Roofed Containers Steel Frame & Cladding Roof, General Debris Within the Laydown Area **2216**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required
26th February 2018		External - Roofed Containers Steel Frame & Cladding Roof, General Debris Within the Laydown Area **2217**	No Sample Taken No Asbestos Containing Material Sighted	A5	No Action Required

KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd April 2018		**Administration Building** ~~Ceiling Above Entry Doors~~ ~~Fibre Cement Sheets Sample B17955-S12~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 9m²~~ **2218**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Buntha Thia **SafeWork NSW Notification & Removal Number** Not Provided	**Company** SLR Consulting Pty Ltd **Clearance Signatory for Removal Area Occupancy** Jordan Harley **Clearance Report Number** 610.17816.00000.360-RO1-v1.0-CLR
3rd April 2018		**Amenities Carpark Entrance** ~~Carpark Exit Door Awning Ceiling~~ ~~Fibre Cement Sheets Sample B17955-S16~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 3m²~~ **2219**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Buntha Thia **SafeWork NSW Notification & Removal Number** Not Provided	**Company** SLR Consulting Pty Ltd **Clearance Signatory for Removal Area Occupancy** Jordan Harley **Clearance Report Number** 610.17816.00000.360-RO1-v1.0-CLR

KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd April 2018		**Amenities Block** ~~Main Entry Door Awning~~ ~~Fibre Cement Sheets Similar to Sample B17955-S16~~ ~~Chrysotile Asbestos Detected~~ ~~Non-Friable~~ ~~Approximately 8m^2~~ **2220**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Buntha Thia **SafeWork NSW Notification & Removal Number** Not Provided	**Company** SLR Consulting Pty Ltd **Clearance Signatory for Removal Area Occupancy** Jordan Harley **Clearance Report Number** 610.17816.00000.360-RO1-v1.0-CLR
3rd – 7th April 2018		**Administration Building** Entry Foyer Decontamination of Contaminated Common Area and Adjacent Areas **2221**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Ground Entry Ceiling Space Decontamination of Contaminated Common Area and Adjacent Areas **2222**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
3rd – 7th April 2018		**Administration Building** Staircase Second Landing Floor Surface Decontamination of Contaminated Common Area and Adjacent Areas **2223**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Entry Foyer Floor Surface Decontamination of Contaminated Common Area and Adjacent Areas **2224**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
3rd – 7th April 2018		**Administration Building** Maintenance Coordinator Office West Decontamination of Contaminated Common Area and Adjacent Areas **2225**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

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KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Maintenance Coordinator Office West Office Items Decontamination of Contaminated Common Area and Adjacent Areas **2226**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
3rd – 7th April 2018		**Administration Building** Common Area South Floor Surface Decontamination of Contaminated Common Area and Adjacent Areas **2227**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

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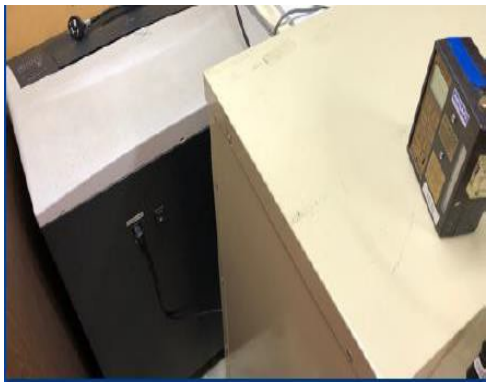
KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Common Area North Floor Surface Decontamination of Contaminated Common Area and Adjacent Areas **2228**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
3rd – 7th April 2018		**Administration Building** Common Area Surfaces Decontamination of Contaminated Common Area and Adjacent Areas **2229**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

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KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Printer Surfaces Decontamination of Contaminated Common Area and Adjacent Areas **2230**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
3rd – 7th April 2018		**Administration Building** Server Cabinet Surface Decontamination of Contaminated Common Area and Adjacent Areas **2231**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**

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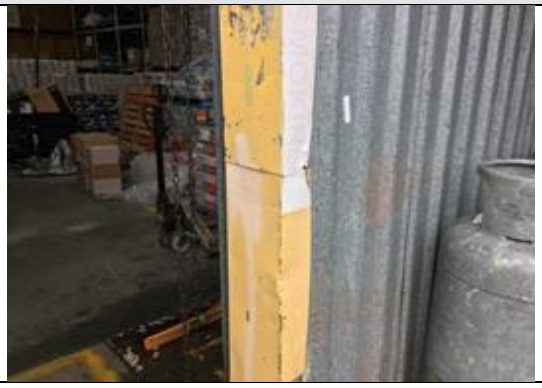
KATOOMBA WORKS DEPOT, 22, SOUTH STREET, KATOOMBA, NSW, 2780		HAZARDOUS BUILDING MATERIALS REMEDIAL WORKS ASBESTOS REMOVAL WORKS COMPLETED		
Date of	**IMAGES**	**SPECIFIC LOCATION QUANTITY & TYPE OF HAZARDOUS BUILDING MATERIALS REMOVED**	**REMOVALIST DETAILS**	**HYGIENIST & DATE OF CLEARANCE FOR OCCUPANCY**
3rd – 7th April 2018		**Administration Building** Kitchen Surfaces Decontamination of Contaminated Common Area and Adjacent Areas **2232**	**Company** Empire Contracting Pty Ltd **SafeWork NSW Licence Number** AD204967 **Supervisor** Not Provided **SafeWork NSW Notification & Removal Number** Not Provided	**Company** AIRSAFE OHC Pty Ltd **Clearance Signatory for Removal Area Occupancy** Ashley McDonald NSW LAA001261 **Clearance Report Number** Job No: 40066 **CC #4006 18/83001**
26th February 2018		**Stores Building** Piece of Bonded Board Removed from under Brick by front door 0.1m^2 **2094**	**Company** Blue Mountains City Council Employee **Licence Number** N/A **Supervisor** N/A **SafeWork NSW Notification & Removal Number** N/A	**No Clearance Report Available**

1.3.2: Lead-Based Paints

Seventeen (17) paint samples were obtained in accordance with the AS 4361.2:2017 *Guide to Lead Paint Management, Part 2: Residential and Commercial Buildings* and AS 4482.1-2005 *Guide to the Investigation and Sampling of Sites with Potentially Lead Contaminated Soil*.

The table below depicts where the samples were obtained, together with the sample results. The guide above defines a lead based paint as a paint film or component coat of paint system containing lead or lead compounds, in which the lead content is more than 0.1% by weight of the dry film as determined by laboratory testing. Laboratory results are located within Appendix III.

LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		**ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780**			
SAMPLE REFERENCE	**IMAGE**	**LOCATION**	**LABORATORY RESULT (% w/w Lead in Paint)**	**RISK ACTION**	**CONCLUSION**
Envirolab#[2] 186271-3		Store Yellow Paint to Metal Flashing Both Sides of East & West Roller Door	**7.6%**	**A3**	**Paint is classified as lead based as greater than 0.1% w/w**

[2] Envirolab Laboratory Reference Number

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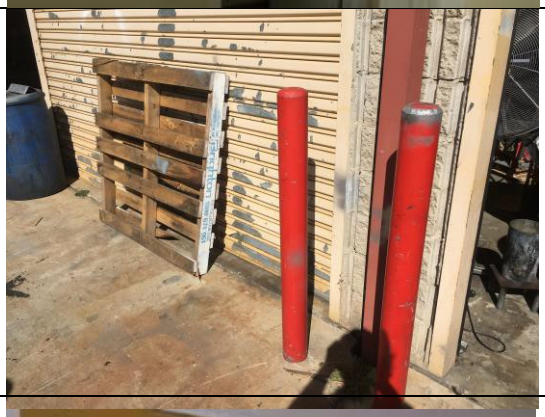
LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 186271-5		Store White Paint to Doors and Timber Trim in Office and Bathroom	**0.3%**	**A4**	**Paint is classified as lead based as greater than 0.1% w/w**
Envirolab# 190468-3		Garage / Workshop Cream Paint to External Roller Door	**2.4%**	**A4**	**Paint is classified as lead based as greater than 0.1% w/w**
Envirolab# 186271-9		Amenities Building Yellow Paint to All Doors and Metal Door Jambs	**0.4%**	**A4**	**Paint is classified as lead based as greater than 0.1% w/w**
Envirolab# 186271-13		Garage / Workshop Yellow Paint to Roller Doors and Overhead Crane System	**2.8%**	**A3**	**Paint is classified as lead based as greater than 0.1% w/w**

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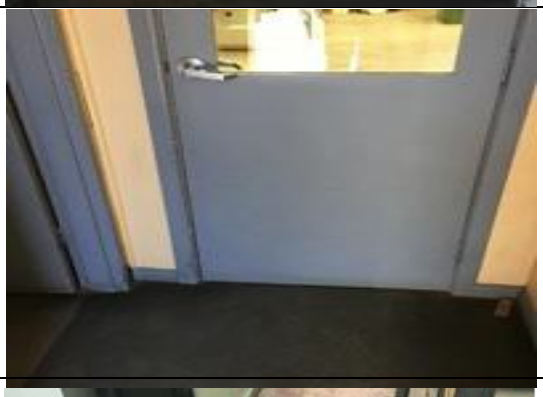
LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 190468-7		Garage / Workshop Upper Level Meal Room White Paint to Ceiling	**0.4%**	**A3**	**Paint is classified as lead based as greater than 0.1% w/w**
Envirolab# 186271-17		Trades / Gardiners Shed Grey Paint to Doors, Frames & Architrave	**0.62%**	**A4**	**Paint is classified as lead based as greater than 0.1% w/w**
Envirolab# 186271-1		Store Red Paint to Concrete Floor in Mezzanine Storage Area	0.1%	A4	Paint is not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-12		Garage / Workshop Red Paint to Office Front Door	0.1%	A4	Paint is not classified as lead based as less than or Equal to 0.1% w/w

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LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 190468-4		Garage / Workshop Red Paint to Bollards	0.09%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-2		Store Burgundy Paint to Door Adjacent to East Roller Door	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-4		Store Mustard Yellow Paint to Doors and Frames & Architrave in Office / Lunch Room	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-6		Amenities Building Orange/Brown Paint to Timber Fascia Boards Around Roofline and Downpipes	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w

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LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 186271-7		Amenities Building White Paint to Eaves and Soffits on Awnings	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-8		Amenities Building White Paint to Handrail at North Veranda	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-10		Garage / Workshop Dark Grey Paint to Doors and Timber Trim Inside Office Area	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-11		Garage / Workshop Burgundy Paint to External Doors and Timber Trim to Office	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w

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LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 190468-5		Garage / Workshop Office Blue Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 190468-6		Garage / Workshop Void between Office and Toilets Maroon Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-14		Administration Block Mustard Yellow Paint to Steel Beams, Columns, Timber Slat Weatherboards	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 190468-2		Administration Block Red Door Paint to Main Entry	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w

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LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 186271-15		Administration Block – Ground Floor and 1st Floor Offices Cream / Yellow Paint to Doors, Jambs, and Timber Trim	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 186271-16		Administration Block Green Paint to 'Admin' Door on 1st Floor Under Yellow Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 190468-8		Trades / Gardiners Shed Printing Room Olive Green Wall Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 190468-9		Trades / Gardiners Shed Printing Room Dark Green Floor Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w

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LEAD BASED PAINTS REGISTER Sample Date: 26th February 2018		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
Envirolab# 190468-10		Trades / Gardiners Shed Printing Room White Paint	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w
Envirolab# 190468-1		Amenities Block Red Paint on Entrance Door	<0.05%	A5	Paint not classified as lead based as less than or Equal to 0.1% w/w

Lead based paints were detected at Katoomba South Street Depot, with nine (9) samples returning positive results of 7.6%, 0.3%, 0.4%, 0.1%, 2.8%, 0.62%, 2.4%, and 0.4% w/w, respectively, which is classed as a lead based paint and therefore, remedial action is required. In addition, good practice would dictate that existing paint, even though is below the recognised standard, should not be sanded and that dust minimisation techniques should be adopted, when undertaking renovation / repair works particularly in heritage period buildings. It would be good practice to wear a P1 dust mask during any paint removal even though it does not contain lead but small particles of paint can still be inhaled or ingested.

1.3.3: Synthetic Mineral Fibres (SMFs)

SMF materials are identified visually, no samples were required as the SMF was in a bonded condition and is not in a friable format, and does not present a significant risk.

SYNTHETIC MINERAL FIBRE REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF SMF	SAMPLE RESULTS	RISK ACTION	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Store Ceiling Insulation to 1st Floor Offices Approximately 50m^2	No Sample Taken Visual Inspection Only	A4	Accessible to Tradespeople Refer to Management Plan
26th February 2018		Store Roof Blanket to Underside of New Roof Sheets Approximately 390m^2	No Sample Taken Visual Inspection Only	A5	No Action Required
26th February 2018		Administration Block SMF Batts in 1st Floor Roof Space	No Sample Taken Visual Inspection	A5	Accessible to Tradespeople Refer to Management Plan

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1.3.4: Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls (PCB) are identified by visual observation in fluorescent light fittings with guidance from the Australian and New Zealand Environment and Conservation Council (ANZECC) Checklists.

POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Stores 4 x Fluorescent Lights Located on Southern Side	Ducon APF 265 Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
26th February 2018		Parks & Gardens / Trades Plumbers Shop, Suspended Double Internal Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Parks & Gardens / Trades Plumbers Shop, Suspended Single Internal Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
4th April 2018		Parks & Gardens / Trades Male Toilets, Double Internal Fluorescent Light Assembly	RIFA PHN 3µF Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
4th April 2018		Parks & Gardens / Trades Electrical Room, 3 x Single Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Parks & Gardens / Trades Sign Writer's Room, Single & Double Fluorescent Light Assemblies.	RIFA PHN 3µF Type Capacitor Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
4th April 2018		Parks & Gardens / Trades Carpentry Breakroom Double Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Present Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
4th April 2018		Parks & Gardens / Trades Tractor Shed 10 x Double Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Present Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan

POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	**IMAGES**	**SPECIFIC LOCATION OF PCB**	**SAMPLE RESULTS**	**Risk Action**	**CONDITION & ACCESSIBILITY OF PRODUCT**
4th April 2018		Parks & Gardens / Trades Offices, 4 x Single Fluorescent Light Assemblies	RIFA PHN 3µF Type Capacitor Present Contains PCB's	A3	Accessible to Tradespeople Refer to Management Plan
4th April 2018		Stores 4 x Fluorescent Lights to Entrance of Stores Building – North Aspect	Assume PCB Containing Until Confirmed Otherwise No Safe Access Due to Height of Lights (>4m)	A4	Unknown Condition Accessible to Tradespeople with Appropriate Height Safety Equipment
4th April 2018		Stores Warehouse Single Fluorescent Light Assembly Above Stairs	Assume PCB Containing Until Confirmed Otherwise No Safe Access Due to Height of Lights (>4m)	A4	Unknown Condition Accessible to Tradespeople with Appropriate Height Safety Equipment

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Mechanical Services Workshop Floor Lights No Access	Assume PCB Containing Until Confirmed Otherwise No Safe Access Due to Height of Lights (>4m)	A4	Unknown Condition Accessible to Tradespeople with Appropriate Height Safety Equipment
4th April 2018		Bitumen Shed 4 x Hanging Fluorescent Lights	Assume PCB Containing Until Confirmed Otherwise No Safe Access Due to Height of Lights (>4m)	A4	Unknown Condition Accessible to Tradespeople with Appropriate Height Safety Equipment
4th April 2018		Bushland Regeneration's Shed 6 x Hanging Fluorescent Lights	Assume PCB Containing Until Confirmed Otherwise No Safe Access Due to Height of Lights (>4m)	A4	Unknown Condition Accessible to Tradespeople with Appropriate Height Safety Equipment

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Stores 3 x New Style Fluorescent Lights in Warehouse	ICAR Capacitor No PCB's Present	A5	No Action Required
4th April 2018		Stores 13 x New Style Fluorescent Hanging Lights in Warehouse Installed in Sept 2011.	No Access to Lights Due to Height Restrictions Assume no PCB's Due to Age of Lights	A5	No Action Required
4th April 2018		Stores 41 x Warehouse Double Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Stores 3 x Warehouse Single Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Stores Offices and Kitchens Throughout, Single and Double Fluorescent Light Assemblies.	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Amenities Building. Break Room. 7 x Double Fluorescent Light Assemblies.	RIFA PFN 453 Type Capacitor. No PCB's Present	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Amenities Building. Break Room. South-East Double Fluorescent Light Assembly.	New Light with New Style Capacitor No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Amenities Building. Western Hallway, Double Fluorescent Light Assembly.	Comar MFE 6 Capacitor No PCB's Present	A5	No Action Required
26th February 2018		Amenities Building Female Shower	Vossloh Schwabe 40934 Type Capacitor No PCB's Present	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Amenities Building. Female Toilet	Vossloh Schwabe 40934 Type Capacitor No PCB's Present	A5	No Action Required
4th April 2018		Amenities Building. 3 x Entrance Lights	Vossloh Schwabe 40934 Type Capacitor No PCB's Present	A5	No Action Required
4th April 2018		Amenities Building Male Toilet	Vossloh Schwabe 40934 Type Capacitor. No PCB's Present	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Amenities Building Male Locker Room	Vossloh Schwabe 40934 Type Capacitor No PCB's Present	A5	No Action Required
4th April 2018		Mechanical Services 6x Double Fluorescent Light Assemblies in Office Areas	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Mechanical Services Single Fluorescent Light Assembly in Hallway and Male Toilets	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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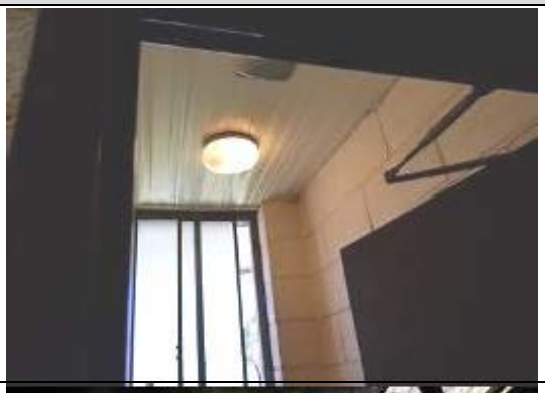
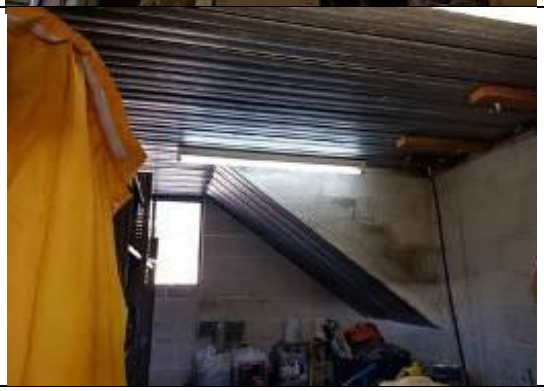
POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Mechanical Services Round Bulb Lights in Male and Female Toilets.	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Mechanical Services 1st Floor Store Area & Break Room 4 x Double Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Mechanical Services Chemical Storeroom Single Fluorescent Light Assembly	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Mechanical Services 2 x Double Fluorescent Light Assemblies Storeroom	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Mechanical Services 6 x Single Fluorescent Light Assemblies. South Wall of Workshop	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Mechanical Services Welding Room 3 x Single Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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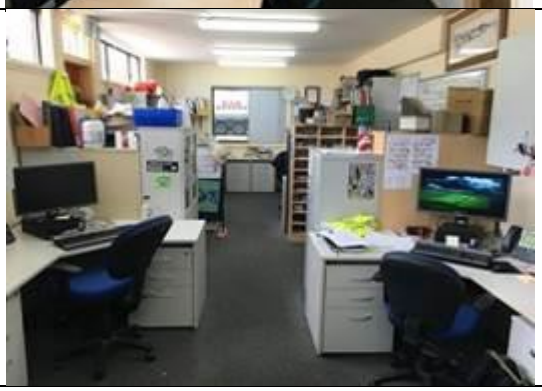
POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Administration Building Single External Fluorescent Light Assembly	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Administration Building Internal Fluorescent Light Assembly	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Administration Building Double Internal Fluorescent Light Assembly	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	**IMAGES**	**SPECIFIC LOCATION OF PCB**	**SAMPLE RESULTS**	**Risk Action**	**CONDITION & ACCESSIBILITY OF PRODUCT**
26th February 2018		Administration Building Offices, Double Internal Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Administration Building Offices, Double Internal Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Administration Building Offices, Double Internal Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Administration Building Offices, Double Internal Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
26th February 2018		Administration Building Offices, Double Internal Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Parks & Gardens / Trades Plumbers Shop, 2 x Double Fluorescent Light Assemblies	Plessey P524 Type Capacitor No PCB's Present	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Parks & Gardens / Trades Electrical Room. 7 x Double Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Parks & Gardens / Trades Sign Writer's Room Double Fluorescent Light Assemblies Throughout	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Parks & Gardens / Trades Carpentry Room 8 x Double Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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POLYCHLORINATED BIPHENYLS REGISTER		ASSET: KATOOMBA DEPOT COMPLEX, 22, SOUTH STREET, KATOOMBA, NSW, 2780			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PCB	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
4th April 2018		Parks & Gardens / Trades Carpentry Office 3 x Double Fluorescent Light Assemblies	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required
4th April 2018		Parks & Gardens / Trades. Carpentry Office. Double Fluorescent Light Assemblies.	RIFA PHN 453 Type Capacitor No PCB's Present	A5	No Action Required
26th February 2018		Parks & Gardens / Trades Offices & Tractor Shed Double Internal Fluorescent Light Assembly	No PCB Containing Capacitors / Resistors Sighted	A5	No Action Required

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1.3.5: Phenols

Phenols are an early form of plastic formed between Phenol and Formaldehyde and quite often bound together with the use of a fibrous material, they may sometimes even contain asbestos. The main source of Phenols within buildings is Bakelite products such as electrical switches or light fittings.

PHENOLS REGISTER		ASSET: 22 SOUTH STREET, KATOOMBA, NSW, 2780 DEPOT			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PHENOL CONTAINING MATERIAL	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Stores-Warehouse Area Electrical Power Board	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan
24th April 2018		Stores Building-Exterior Compressor Room Meter Board	Visual Inspection May Contain Phenols Materials	A4	Accessible to Tradespeople Refer to Management Plan
26th February 2018		Administration Building-Ground Floor Electrical Power Board	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan

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PHENOLS REGISTER		ASSET: 22 SOUTH STREET, KATOOMBA, NSW, 2780 DEPOT			
DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PHENOL CONTAINING MATERIAL	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
26th February 2018		Amenities Building Electrical Cabinet in Foyer	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan
26th February 2018		Parks & Gardens / Trades Electrical Power Board	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan
26th February 2018		Parks & Gardens / Trades Electrical Power Board	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan

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DATE OF INSPECTION	IMAGES	SPECIFIC LOCATION OF PHENOL CONTAINING MATERIAL	SAMPLE RESULTS	Risk Action	CONDITION & ACCESSIBILITY OF PRODUCT
18 26th February 20		Workshop - Office Electrical Power Board	Visual Inspection May Contain Phenol Materials	A4	Accessible to Tradespeople Refer to Management Plan

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1.4 CONCLUSIONS

Asbestos Building Materials were found to be present in the Katoomba Depot, 22, South Street, Katoomba, NSW, 2780. Other hazardous building materials were also identified as being present.

The following recommendations will assist the asset owner and building occupants to meet the requirements of the *NSW Work Health and Safety Act, 2011 and Regulation 2017* in the case of unexpected find of hazardous building material/s.

If an unexpected asbestos find eventuates, depending on the type and quantity of the material, it should be scheduled to be removed under controlled conditions utilising a licensed asbestos removal contractor (Class B – Bonded removalist) or (Class A – Friable removalist). It is recommended that a Scope of Works be drawn up prior to engaging an asbestos removalist to ensure that the appropriate legislative requirements are adhered to, the legislative and supporting guidance requirements are detailed below.

Legislation also recommends that it is good occupational hygiene practice to undertake airborne asbestos air monitoring, using a competent laboratory during the asbestos removal and that an independent *Licenced Asbestos Assessor* undertake a visual clearance inspection, coupled with air monitoring and site contamination assessment at the end of the removal process. For guidance on exposure standards and recommended procedures please refer to codes of practice and standards provided in the References section of this register.

It is recommended that the licensed contractor prepare a safe work method statement that should include wet removal methods for the asbestos removal works, utilising Type P1 or P2 half face particulate respirators, appropriate personnel decontamination procedures and appropriate disposal methods, refer to the following legislative codes of practice and standards for guidance;

If the material is to remain in situ, and unlikely to be disturbed it should be noted on the premises' asbestos register. If the asbestos material is removed the register should be updated to reflect this change in the management plan. All the asbestos materials should be managed according to the asbestos management plan.

If additional asbestos based products are identified on-site the asbestos register should be updated to include these products. If products are disturbed airborne asbestos air monitoring coupled with an independent assessment should be undertaken to assess the risk.

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Background airborne asbestos monitoring was conducted at the premises with samples taken indicating normal background levels of airborne asbestos fibres (<0.01 fibres/millilitre of air). These results confirm the safe working environment within the area.

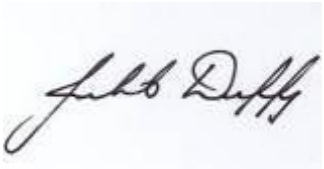
The fibres were counted in accordance with the National Occupational Health and Safety Commission's "Asbestos: Code of Practice and Guidance Notes - Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust" [NOHSC:3003 (2005)] The air monitoring results can be seen in Appendix II of this report.

Air monitoring results taken only indicate the background levels, if asbestos based products are disturbed or removed additional air monitoring should be undertaken to ensure that these normal background levels are maintained.

The materials identified in this report were in good condition and can be managed effectively according to the Asbestos Management Plan. Provided they remain in this condition and are not disturbed they pose minimal risk if left in situ. If renovation or demolition works are to occur the asbestos based materials which are likely to be disturbed should be removed prior to works commencing.

If asbestos based products are disturbed, the area should be isolated and an independent assessment by a Licenced Asbestos Assessor should be undertaken coupled with airborne asbestos air monitoring.

Reported By



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SECTION 2 - ASBESTOS MANAGEMENT PLAN

The materials identified in this report were in good or fair condition and can be managed effectively according to the Asbestos Management Plan.

- Provided the ACM remains in good condition and is not disturbed they pose minimal risk if left in situ.
- If the ACM is in fair condition it should be removed under controlled conditions and replaced, during routine maintenance works.
- If the ACM is in poor condition it should be removed under controlled conditions as soon as practicable.
- If renovation or demolition works are to occur the asbestos based materials which are likely to be disturbed should be removed prior to works commencing.

If asbestos based products are disturbed, the area should be isolated and an independent assessment by an Occupational Hygienist should be undertaken coupled with airborne asbestos air monitoring.

2.1 MANAGEMENT RESPONSIBILITY

Work Health and Safety Regulation 2017 R428 R429 requires that the management plan must be controlled by a person who is in control of the workplace. The person is responsible to ensure that the management plan is kept up to date, including documenting asbestos removal works, subsequent damage and if new asbestos products are identified on-site.

If the nominated person is no longer responsible for the Asbestos Register and Management Plan the person must as far as reasonably practicable transfer the ownership and the actual documents to the new nominated person.

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2.2 IDENTIFICATION AND SIGNAGE

Work Health and Safety Regulation 2017 R422, R424, R427 and R429 requires that the person with the management control of the workplace to identify asbestos containing materials and the asbestos material that has been identified to date should be labelled and ensured that it complies with the *Australian Standard 1319: Safety Signs for the Occupational Environment*; signage should be similar to the label detailed below.

Signage should also be placed at the entry points to the building/plant similar to the one detailed below

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2.3 CONTROLLING THE RISK

As all asbestos types are known carcinogens, and it is when the asbestos fibres are released and become airborne that they pose a potentially deadly occupational health hazard. The main route of entry into the body is through inhalation, and they deposit directly into various sections of the respiratory tract depending on their fibre size. The three main diseases associated with asbestos exposure are Asbestosis, Lung Cancer and Mesothelioma.

Therefore, when we are managing asbestos in the workplace we want to minimise potential exposures to asbestos fibres, particularly when they become airborne. Many asbestos containing materials that are in the workplace are in good condition, and if left undisturbed is it unlikely that asbestos fibres will become airborne and the risk is extremely low. However, if the material is in a poor condition, or is likely to be disturbed (i.e. maintenance activities, renovation or demolition works) the asbestos containing materials should be removed.

To reduce to likelihood of asbestos materials being disturbed in the workplace, the asbestos material should be identified (i.e. the Asbestos Register), and managed to minimise the risk of disturbance through signage and administration controls, such as permit to work systems. The management plan should be followed with vigour to ensure exposures do not occur.

2.4 SAFE WORK METHODS

The methods need to be adopted for all asbestos works undertaken on-site, when works are undertaken the management records contained within this report need to appropriately, documented, as evidence. The following methods have been extracted from the *Code of Practice; How to Manage and Control Asbestos in the Workplace* [Safe Work Australia: 2011] under the Creative Commons copyright licence.

Asbestos removal works need to be undertaken by a registered asbestos removalist, who will notify Workcover of works and provide a satisfactory and safe asbestos removal method, prior to works commencing on-site.

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2.4.1. Drilling of asbestos containing material

SAFE WORK PRACTICE 1 – DRILLING OF ACM	
The drilling of asbestos cement sheeting can release asbestos fibres into the atmosphere, so precautions must be taken to protect the drill operator and other persons from exposure to these fibres. A hand drill is preferred to a battery-powered drill, because the quantity of fibres is drastically reduced if a hand drill is used.	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	• A non-powered hand drill or a low-speed battery-powered drill or drilling equipment. Battery-powered drills should be fitted with a local exhaust ventilation (LEV) dust control hood wherever possible. If an LEV dust control hood cannot be attached and other dust control methods such as pastes and gels are unsuitable then shadow vacuuming techniques should be used • Disposable cleaning rags • A bucket of water, or more as appropriate, and/or a misting spray bottle • Duct tape • Sealant • Spare PPE • A thickened substance such as wallpaper paste, shaving cream or hair gel • 200 µm plastic sheeting • A suitable asbestos waste container (e.g. 200 µm plastic bags or a drum, bin or skip lined with 200 µm plastic sheeting) • Warning signs and/or barrier tape • An asbestos vacuum cleaner • A sturdy paper, foam or thin metal cup, or similar (for work on overhead surfaces only).
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed.
Preparing the asbestos work area	• If the work is to be carried out at a height, appropriate precautions must be taken to prevent falls. • Ensure appropriately marked asbestos waste disposal bags are available. • Carry out the work with as few people present as possible. • Segregate the asbestos work area to ensure unauthorised personnel are restricted from entry (e.g. close door and/ or use warning signs and/or barrier tape at all entry points). The distance for segregation should be determined by a risk assessment. • If drilling a roof from outside, segregate the area below. • If access is available to the rear of the asbestos cement,

SAFE WORK PRACTICE 1 – DRILLING OF ACM	
	segregate this area as well as above. • If possible, use plastic sheeting, secured with duct tape, to cover any surface within the asbestos work area that could become contaminated. • Ensure there is adequate lighting. • Avoid working in windy environments where asbestos fibres can be redistributed. • If using a bucket of water, do not resoak used rags in the bucket, as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag.
Drilling vertical surfaces	• Tape both the point to be drilled and the exit point, if accessible, with a strong adhesive tape such as duct tape to prevent the edges crumbling. • Cover the drill entry and exit points (if accessible) on the asbestos with a generous amount of thickened substance. Drill through the paste. • Use damp rags to clean off the paste and debris from the wall and drill bit. • Dispose of the rags as asbestos waste as they will contain asbestos dust and fibres. • Seal the cut edges with sealant. • If a cable is to be passed through, insert a sleeve to protect the inner edge of the hole.
Drilling overhead horizontal surfaces	• Mark the point to be drilled. • Drill a hole through the bottom of the cup. • Fill or line the inside of the cup with shaving cream, gel or a similar thickened substance. • Put the drill bit through the hole in the cup so that the cup encloses the drill bit, and make sure the drill bit extends beyond the lip of the cup. • Align the drill bit with the marked point. • Ensure the cup is firmly held against the surface to be drilled. • Drill through the surface. • Remove the drill bit from the cup, ensuring that the cup remains firmly against the surface. • Remove the cup from the surface. • Use damp rags to clean off the paste and debris from the drill bit. • Dispose of the rags as asbestos waste, as they will contain asbestos dust and fibres. • Seal the cut edges with sealant. • If a cable is to be passed through, insert a sleeve to protect the inner edge of the hole.

SAFE WORK PRACTICE 1 – DRILLING OF ACM	
Decontaminating the asbestos work area and equipment	• Use damp rags to clean the equipment. • Carefully roll or fold any plastic sheeting used to cover any surface within the asbestos work area, so as not to spill any dust or debris that has been collected. • If necessary, use damp rags and/or an asbestos vacuum cleaner to clean any remaining visibly contaminated sections of the asbestos work area. • Place debris, used rags, plastic sheeting and other waste in the asbestos waste bags/container. • Wet wipe the external surfaces of the asbestos waste bags/ container to remove any adhering dust before they are removed from the asbestos work area.
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.2. Sealing, painting, coating and cleaning of asbestos-cement (bonded) products

SAFE WORK PRACTICE 2 – SEALING, PAINTING, COATING AND CLEANING OF ASBESTOS-CEMENT PRODUCTS	
These tasks should only to be carried out on asbestos that are in good condition. For this reason, the ACM should be thoroughly inspected before starting the work. There is a risk to health if the surface of asbestos cement sheeting is disturbed (e.g. from hail storms and cyclones) or if it has deteriorated as a result of aggressive environmental factors such as pollution. If it is so weathered that its surface is cracked or broken, the asbestos cement matrix may be eroded, increasing the likelihood that asbestos fibres will be released. If treatment is considered essential, a method that does not disturb the matrix should be used. Under no circumstances should asbestos cement products be water blasted or dry sanded in preparation for painting, coating or sealing.	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	Disposable cleaning rags A bucket of water, or more as appropriate, and/or a misting spray bottle Sealant Spare PPE A suitable asbestos waste container Warning signs and/or barrier tape.
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed. Where paint is to be applied, appropriate respiratory protection to control the paint vapours/mist must also be considered.

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SAFE WORK PRACTICE 2 – SEALING, PAINTING, COATING AND CLEANING OF ASBESTOS-CEMENT PRODUCTS	
Preparing the asbestos work area	• If work is being carried out at heights, precautions must be taken to prevent falls. • Before starting, assess the asbestos cement for damage. • Ensure appropriately marked asbestos waste disposal bags are available. • Carry out the work with as few people present as possible. • Segregate the asbestos work area to ensure unauthorised personnel are restricted from entry (e.g. close door and/ or use warning signs and/or barrier tape at all entry points). The distance for segregation should be determined by a risk assessment. • If working at a height, segregate the area below. • If possible, use plastic sheeting secured with duct tape to cover any floor surface within the asbestos work area which could become contaminated. This will help to contain any runoff from wet sanding methods. • Ensure there is adequate lighting. • If using a bucket of water, do not resoak used rags in the bucket, as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag. • Never use high-pressure water cleaning methods. • Never prepare surfaces using dry sanding methods. Where sanding is required, you should consider removing the asbestos and replacing it with a non-asbestos product. • Wet sanding methods may be used to prepare the asbestos, provided precautions are taken to ensure all the runoff is captured and filtered, where possible. • Wipe dusty surfaces with a damp cloth.
Painting and sealing	• When using a spray brush, never use a high-pressure spray to apply the paint. • When using a roller, use it lightly to avoid abrasion or other damage.
Decontaminating the asbestos work area and equipment	• Use damp rags to clean the equipment. • If required, use damp rags and/or an asbestos vacuum cleaner to clean the asbestos work area. • Place debris, used rags, plastic sheeting and other waste in the asbestos waste bags/container. • Wet wipe the external surfaces of the asbestos waste bags/ container to remove any adhering dust before they are removed from the asbestos work area.

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SAFE WORK PRACTICE 2 – SEALING, PAINTING, COATING AND CLEANING OF ASBESTOS-CEMENT PRODUCTS	
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.3. Cleaning leaf litter from gutters of asbestos cement roofs

SAFE WORK PRACTICE 3 – CLEANING LEAF LITTER FROM GUTTERS OF ASBESTOS CEMENT ROOFS	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	• A bucket of water, or more as appropriate, and detergent • A watering can or garden spray • A hand trowel or scoop • Disposable cleaning rags • A suitable asbestos waste container • Warning signs and/or barrier tape • An asbestos vacuum cleaner.
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed.
Preparing the asbestos work area	• Since the work is to be carried out at a height, appropriate precautions must be taken to prevent the risk of falls. • Ensure appropriately marked asbestos waste disposal containers are available. • Segregate the asbestos work area to ensure unauthorised personnel are restricted from entry (e.g. use warning signs and/ or barrier tape at all entry points). The distance for segregation should be determined by a risk assessment. • Segregate the area below. • Avoid working in windy environments where asbestos fibres can be redistributed. • If using a bucket of water, do not resoak used rags in the bucket as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag.
Gutter cleaning	• Disconnect or re-route the downpipes to prevent any entry of contaminated water into the waste water system and ensure there is a suitable container to collect contaminated runoff. Contaminated water must be disposed of as asbestos waste. • Mix the water and detergent. • Using the watering can or garden spray, pour the water and detergent mixture into the gutter but avoid over-wetting as this will create a slurry. • Remove the debris using a scoop or trowel. Do not allow debris or slurry to enter the water system. • Wet the debris again if dry material is uncovered. • Place the removed debris straight into the asbestos waste container.

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SAFE WORK PRACTICE 3 – CLEANING LEAF LITTER FROM GUTTERS OF ASBESTOS CEMENT ROOFS	
Decontaminating the asbestos work area and equipment	• Use damp rags to wipe down all equipment used. • Use damp rags to wipe down the guttering. • Where practicable, and if necessary, use an asbestos vacuum cleaner to vacuum the area below. • Place debris, used rags and other waste in the asbestos waste container. • Wet wipe the external surfaces of the asbestos waste container to remove any adhering dust before it is removed from the asbestos work area.
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.4. Replace cabling in asbestos cement (bonded) conduits or boxes

SAFE WORK PRACTICE 4 – REPLACE CABLING IN ASBESTOS CEMENT CONDUITS OR BOXES	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	• Disposable cleaning rags • A bucket of water, or more as appropriate, and/or a misting spray bottle • 200 µm thick plastic sheeting • Cable slipping compound • Appropriately marked asbestos waste disposal bags • Spare PPE • Duct tape • Warning signs and/or barrier tape • An asbestos vacuum cleaner.
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed.
Preparing the asbestos work area	• If the work will be carried out in a confined space, appropriate precautions must be taken to prevent the risk of asphyxiation. • Ensure appropriately marked asbestos waste disposal bags are available. • Carry out the work with as few people present as possible. • Segregate the asbestos work area to ensure unauthorised personnel are restricted from entry (e.g. use warning signs and/ or barrier tape at all entry points). The distance for segregation should be determined by a risk assessment. • Use plastic sheeting secured with duct tape to cover any surface within the asbestos work area which could become contaminated. • Place plastic sheeting below any conduits before pulling any cables through. • Ensure there is adequate lighting. • Avoid working in windy environments where asbestos fibres can be redistributed. • If using a bucket of water, do not resoak used rags in the bucket as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag.

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SAFE WORK PRACTICE 4 – REPLACE CABLING IN ASBESTOS CEMENT CONDUITS OR BOXES	
Replacement or installation of cables	• Wet down the equipment and apply adequate cable slipping compound to the conduits/ducts throughout the process. • Clean all ropes, rods or snakes used to pull cables after use. Cleaning should be undertaken close to the point(s) where the cables exit from the conduits/ducts. • Ropes used for cable pulling should have a smooth surface that can easily be cleaned. • Do not use metal stockings when pulling cables through asbestos cement conduits. • Do not use compressed air darts to pull cables through asbestos cement conduits/ducts.
Decontaminating the asbestos work area and equipment	• Use damp rags to clean the equipment. • Wet wipe around the end of the conduit, sections of exposed cable and the pulling eye at the completion of the cable pulling operation. • If the rope or cable passes through any rollers, these must also be wet wiped after use. • Wet wipe the external surface of excess cable pulled through the conduit/duct, as close as possible to the exit point from the conduit, before it is removed from the work site. • Carefully roll or fold any plastic sheeting used to cover any surface within the asbestos work area, so as not to spill any dust or debris that has been collected. • If required, use damp rags or an asbestos vacuum cleaner to clean any remaining visibly contaminated sections of the asbestos work area. • Place all debris, used rags, plastic sheeting and other waste in the asbestos waste bags/container. • Wet wipe the external surfaces of the asbestos waste bags/ container to remove any adhering dust before they are removed from the asbestos work area.
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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SAFE WORK PRACTICE 4 – REPLACE CABLING IN ASBESTOS CEMENT CONDUITS OR BOXES	
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.5. Working on asbestos containing electrical switchboards

SAFE WORK PRACTICE 5 – WORKING ON ELECTRICAL MOUNTING BOARDS CONTAINING ASBESTOS	
If the asbestos-containing electrical mounting panel has to be removed for work behind the board, the procedures outlined in the *Code of Practice: How to Safely Remove Asbestos* must be followed. If drilling is required, the control process should be consistent with the measures in Safe Work Practice 1.	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	• A non-powered hand drill or a low-speed battery-powered drill or drilling equipment. Battery-powered drills should be fitted with a LEV dust control hood wherever possible. If a LEV dust control hood cannot be attached and other dust control methods, such as pastes and gels, are unsuitable then shadow vacuuming techniques should be used • Duct tape • Warning signs and/or barrier tape • Disposable cleaning rags • A plastic bucket of water and/or a misting spray bottle • Spare PPE • A suitable asbestos waste container • 200 µm plastic sheeting • An asbestos vacuum cleaner.
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed.

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SAFE WORK PRACTICE 5 – WORKING ON ELECTRICAL MOUNTING BOARDS CONTAINING ASBESTOS	
Preparing the asbestos work area	• As the work area will involve electrical hazards, precautions must be taken to prevent electrocution. • Ensure appropriately marked asbestos waste disposal bags are available. • Carry out the work with as few people present as possible. • Segregate the asbestos work area to ensure unauthorised personnel are restricted from entry (e.g. use warning signs and/ or barrier tape at all entry points). The distance for segregation should be determined by a risk assessment. • Use plastic sheeting secured with duct tape to cover any surface within the asbestos work area which could become contaminated. • Ensure there is adequate lighting. • Avoid working in windy environments where asbestos fibres can be redistributed. • If using a bucket of water, do not resoak used rags in the bucket as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag.
Work on electrical mounting panels	Providing the panel is not friable, maintenance and service work may include: • replacing asbestos containing equipment on the electrical panel with non-asbestos equipment • operate main switches and individual circuit devices • pull/insert service and circuit fuses • bridge supplies at meter bases • use testing equipment • access the neutral link • Install new components/equipment.
Decontaminating the asbestos work area and equipment	• Use damp rags to clean the equipment. • Carefully roll or fold any plastic sheeting used to cover any surface within the asbestos work area so as not to spill any dust or debris that has been collected. • If there is an electrical hazard, use an asbestos vacuum cleaner to remove any dust from the mounting panel and other visibly contaminated sections of the asbestos work area. • If there is no electrical hazard, wet wipe with a damp rag to remove minor amounts of dust. • Place debris, used rags, plastic sheeting and other waste in the asbestos waste bags/container. • Wet wipe the external surfaces of the asbestos waste bags/ container to remove any adhering dust before they are removed from the asbestos work area.

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SAFE WORK PRACTICE 5 – WORKING ON ELECTRICAL MOUNTING BOARDS CONTAINING ASBESTOS	
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.6. Inspection of asbestos friction materials

SAFE WORK PRACTICE 6 – INSPECTION OF ASBESTOS FRICTION MATERIALS	
This guide may be used when friction ACM (e.g. brake assemblies or clutch housings) need to be inspected or housings need to be cleaned. Compressed air must not be used to clean dust from a brake assembly.	
Equipment that may be required prior to starting work (in addition to what is needed for the task)	• A misting spray bottle • Duct tape • Warning signs and/or barrier tape • Disposable cleaning rags • A bucket of water and detergent • Spare PPE • A suitable asbestos waste container • A catch tray or similar container • An asbestos vacuum cleaner.
PPE	• Protective clothing and RPE (see AS1715, AS 1716). It is likely that a class P1 or P2 half face respirator will be adequate for this task, provided the recommended safe work procedure is followed.
Preparing the asbestos work area	• Ensure appropriately marked asbestos waste disposal bags are available. • Carry out the work with as few people present as possible. • Determine whether to segregate the asbestos work area • Ensure unauthorised personnel are restricted from entry by using barrier tape and/or warning signs. • Use a suitable collection device below where the work will be carried out to collect any debris/ runoff. • Ensure there is adequate lighting. • Avoid working in windy environments where asbestos fibres can be redistributed. • If using a bucket of water, do not resoak used rags in the bucket as this will contaminate the water. Instead, either fold the rag so a clean surface is exposed or use another rag.

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SAFE WORK PRACTICE 6 – INSPECTION OF ASBESTOS FRICTION MATERIALS	
Inspection of asbestos friction materials	• A misting spray bottle should be used to wet down any dust. If spray equipment disturbs asbestos, use alternative wetting agents e.g. a water-miscible degreaser or a water/detergent mixture. • Use the wet method, but if this is not possible the dry method may then be used. <u>Wet method:</u> • Use the misting spray bottle to wet down any visible dust. • Use a damp rag to wipe down the wheel or automobile part before removal. Ensure the dust is kept wet to prevent atmospheric contamination. • Use hand tools rather than power tools to reduce the generation of airborne fibres. • Partially open the housing and softly spray the inside with water using the misting spray bottle. Any spillage of dust, debris or water must be controlled (e.g. capturing any runoff in a container) and either filtered or disposed of as asbestos waste. • Open the housing and clean all asbestos parts using a damp rag, ensuring all runoff water is caught in an asbestos waste container. <u>Dry method:</u> • Place a tray under the components to catch dust or debris spilling from the housing or components during the inspection and dispose of any material as asbestos waste. • Use an asbestos vacuum cleaner to remove asbestos from the brakes and rims or other materials before carrying out the inspection.
Decontaminating the asbestos work area and equipment	• Use damp rags to clean the equipment, including the dust collection tray. • If necessary, use damp rags or an asbestos vacuum cleaner to clean any remaining visibly contaminated sections of the asbestos work area. • Place debris, used rags and other waste in the asbestos waste bags/container. • Wet wipe the external surfaces of the asbestos waste bags/ container to remove any adhering dust before removing them from the asbestos work area.

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SAFE WORK PRACTICE 6 – INSPECTION OF ASBESTOS FRICTION MATERIALS	
Personal decontamination should be carried out in a designated area	• If disposable coveralls are worn, clean the coveralls while still wearing RPE using a HEPA vacuum, damp rag or fine-water spray. RPE can be cleaned with a wet rag or cloth. • While still wearing RPE, remove coveralls, turning them inside-out to entrap any remaining contamination and then place them into a labelled asbestos waste bag. • Remove RPE. If non-disposable, inspect it to ensure it is free from contamination, clean it with a wet rag and store in a clean container. If disposable, cleaning is not required but RPE should be placed in a labelled asbestos waste bag or waste container. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.
Clearance procedure	• Visually inspect the asbestos work area to make sure it has been properly cleaned. • Clearance air monitoring is not normally required for this task. • Dispose of all waste as asbestos waste. Refer to the *Code of Practice: How to Safely Remove Asbestos* for more information.

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2.4.7 Sampling of asbestos materials

If additional suspected asbestos based products are identified on-site, especially in difficult to access areas or during the course of demolition and/or refurbishment activities a representative sample should be obtained and sent for laboratory analysis. Until results are obtained the product should be assumed to contain asbestos and treated accordingly, until laboratory analysis indicates otherwise.

2.4.7.1. Laboratory Sampling guidelines are as follows:

- The sample should be representative of the larger bulk material.
- The sample should include a full cross-section. For example, a sample of insulation material should include material from the outer cool face of armouring cement, if present, through to the inner hot face of the main insulating layer.
- Material from any repaired and repatched areas should be treated as separate sub-samples.
- The quantity of the sample collected should preferably be 5-100 grams, except floor tiles that are required to be a minimum of approximately 100 square centimetres.
- The sample should be transported in a labelled sealed container and preferably protected from undue vibration and disturbance
- As complete a sample history as possible should be recorded. This includes the exact location of the sample, chemical and physical conditions affecting the sample, and a factual description of the sample and sub-samples.

2.4.7.1. To Obtain a Sample the Process is as follows:

- Send sealed sample (preferably double bagged, plastic clip lock bags are sufficient) to;

  Regional EnviroScience, PO Box 1645, Dubbo, NSW, 2830

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A competent person should take the following steps to carry out sampling:

2.4.7.1 (A) – PREPARATION

- Make sure no one else is in the vicinity when sampling is done.
- Shut down any heating or cooling systems to minimize the spread of any released fibres.
- Turn off any fans if you're inside. If outside, then sample on a non-windy day.
- Do not disturb the material any more than is needed to take a small sample.
- Collect the equipment you will need for sampling, including: pliers, resealable plastic bags, disposable coveralls, waterproof sealant, plastic drop sheet, water spray bottle
- P2 respirator, rubber gloves.

2.4.7.1 (B) – TAKING THE SAMPLE

- Wear disposable gloves.
- Put on respiratory protective equipment (RPE).
- Wear a pair of disposable coveralls.
- Lay down a plastic drop sheet to catch any loose material that may fall off while sampling.
- Wet the material using a fine mist of water containing a few drops of detergent before taking the sample. The water/detergent mist will reduce the release of asbestos fibres.
- Carefully cut a thumb nail piece from the entire depth of the material using the pliers.
- For fibre cement sheeting, take the sample from a corner edge or along an existing hole or crack.
- Place the small piece into the resealable plastic bag.
- Double bag the sample, include the date and location and an asbestos caution warning.
- Tightly seal the container after the sample is in it.
- Carefully dispose of the plastic sheet.
- Use a damp paper towel or rag to clean up any material on the outside of the container or around the area sampled.
- Dispose of asbestos materials according to state or territory and local procedures.
- Patch the sampled area with the smallest possible piece of duct tape to prevent fibre release.
- Send the sample to a NATA-accredited laboratory or one that is either approved or operated by the relevant regulator.

2.4.7.1 (c) – CLEANING UP

- Seal the edges with waterproof sealant where the sample was taken.
- Carefully wrap up the plastic drop sheet with tape and then put this into another plastic rubbish bag.
- Wipe down the tools and equipment with a dampened rag.
- Place disposable gloves and coveralls into a rubbish bag, along with the damp rag and drop sheet.
- Seal plastic bag.
- Wash hands.
- Keep RPE on until clean-up is completed.
- Follow a decontamination procedure (personal washing) upon completion of the task.

2.5 PERMIT TO WORK

2.5.1 Asbestos Removal Works

Before works commence ensure that the following minimal considerations have been addressed. Please photocopy and complete the permit to work documentation to ensure that a record of the asbestos removal works is evidenced. A record of these works should be kept with the Management Plan and the Asbestos Register should be updated.

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PERMIT TO WORK - ASBESTOS REMOVAL SITE CHECKLIST		
Site address:		
Item	**Checked by**	**Date checked**
1. Barriers and signs erected		
2. Remediation Area inspection:		
• Emergency exits established and identified • Fire extinguishers appropriately placed • Site water runoff contained • Bag disposal area/enclosure inspected • Asbestos disposal bags in remediation area • Bag ties in remediation area • Electric equipment or cabling protected against water • Air handling systems isolated and sealed off in adjacent buildings, including windows closed		
3. Decontamination unit inspection:		
• Hot and cold water connected and operating • Change room/decontamination lighting operating • Decontamination drainage system checked • Contaminated clothes container provided		
4. Change Room		
• Protective clothing and spares in change room • Safety gumboots available • Towels/soap/shampoo/nail cleaners in the change room • Respirator storage and cleaning facilities provided		
5. All personnel trained in use and maintenance of PPE and emergency procedures		
6. Air monitoring in place		
7. Asbestos waste facilities available		
8. Appropriate waste transportation vehicles		

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PERMIT TO WORK - ASBESTOS REMOVAL SITE CHECKLIST		
• Wash bay area • Drivers trained, including cabins set on re-circulating air, windows up. • Automatic tarps to cover wet soil loads • Plastic lined if possible friable asbestos. • Decontamination procedures		
9. Documentation required to be onsite:		
• Training records • Asbestos removal control plan • Asbestos removal licence		
Name of Nominated Asbestos Controller and Signature: **Name of Asbestos Removalist and Signature:** **Name of Occupational Hygienist and Signature:** **DATE WORKS UNDERTAKEN:**		

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2.5.2 Asbestos Disturbance/Maintenance Works

Please photocopy and complete the permit to work documentation to ensure that asbestos works are undertaken correctly. A record of these works should be kept with the Asbestos Register and Management Plan.

PERMIT TO WORK - ASBESTOS DISTURBANCE/MAINTENANCE CHECKLIST		
Site address:		
Item	**Checked by**	**Date checked**
1. Has a Safe Work Method been utilised? If so is the operator familiar and understands what is required?		
2. Work Area Established including barriers and signs erected and area isolated: • Emergency exits established and identified • Bag disposal area/enclosure inspected • Electric equipment or cabling protected against water • Air handling systems isolated and sealed off in adjacent buildings, including windows closed		
3. Personal Protection • All personnel trained in use and maintenance of PPE, including respirators and personal decontamination procedures. • All personnel trained in the health hazards of asbestos		
4. Air monitoring in place and locations		
5. Asbestos waste facilities available • Asbestos disposal bags in remediation area • Bag ties in remediation area		
Name and Signature of Nominated Asbestos Controller: **Name and Signature of Contractor or Employee undertaking the works:** **DATE WORKS UNDERTAKEN:**		

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2.6 RECORDS OF CHANGES & ACTIVITIES

Date	Location	Asbestos Product	Activity	Signature*
Example	Female Toilet, Eastern Wall	Bonded Asbestos Cement Sheet	Drilled to affix paper dispenser	

* The person identified with the responsibility of the management and control of the Asbestos Register and Management Plan must sign and insure that the permit to work system had been implemented, and works have been undertaken in the prescribed manner.

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3.0 Lead Based Paints

Lead based paints were found to be present at the South Street Depot, Katoomba, during the hazardous building materials inspection.

As per AS4361.2 *Guide to Lead Paint Management, Part 2: Residential and Commercial Buildings*; defines a lead based paint as a paint film or component coat of paint system containing lead or lead compounds, in which the lead content is in excess of 0.1% by weight of the dry film as determined by laboratory testing.

It is also recommended that during removal of painted surfaces appropriate safety precautions to reduce the risk of dust generation and ingestion, be adopted by the demolition contractor and disposal of lead based painted objects should be deposited at a licensed landfill. It is also recommended that during any refurbishment works undertaken remediation of any lead contaminated dust be carried out prior to the commencement of works.

Health Hazards from Lead Exposure

- Lead interferes with many body processes and is poisonous to most organs and tissues, including the bones, intestines, kidneys, nervous system, and reproductive organs.
- Acute lead poisoning (high exposure over a short period of time) can cause fatigue, anaemia, constipation, and damage to the nervous system.
- Chronic lead poisoning (exposure over a longer period of time) can cause fatigue, joint pain, and weakness.
- Lead poisoning can damage the foetus in pregnant female workers, and impair fertility in male workers.
- Workers are exposed to lead when they inhale lead-containing dust or ingest lead residue from their hands (for example, when eating, chewing gum, or smoking).
- Lead is a suspected human carcinogen and has been shown to cause cancer in laboratory animals.

Lead Dust Controls

The Regulation requires employers to select lead dust controls based on the following hierarchy:

1. Engineering controls (for example, barriers, enclosures, general ventilation, local exhaust ventilation).
2. Administrative controls (for example, wash stations, separate eating and changing areas, and limiting the time workers are exposed to lead).
3. Personal protective equipment (such as respirators and disposable coveralls)

- Respirators will be used in conjunction with other controls to reduce worker exposure to lead, unless air monitoring information suggests otherwise.
- A HEPA vacuum will be used for clean-up and decontamination.

Acceptable control methods for removing lead-containing paint

- The work methods in the following table are acceptable, provided that the respirator selection, dust suppression, and other controls are adhered to.
- The following control options will be used to eliminate or reduce the risk to workers from the hazards of lead dust exposure, unless air monitoring information suggests otherwise.

Work activity	Dust suppression	Other controls	Respirator type
Manual (hand) sanding or scraping	• Peeling paint will be misted with water before scraping. • Debris will be misted before sweeping or vacuuming. • A HEPA vacuum will be used to remove debris.	• Disposable drop sheets will be placed below the work area. • Barriers (for example, a tape barrier) will be installed to restrict access to the work area. • Signs will be posted at every entrance to the work area. • Workers will use disposable coveralls.	• NIOSH-approved single-use N95, N99, or P100 respirator • Half-face respirator with HEPA P100 series filters
Manual scraping using heat guns	• The heat gun temperature must be kept as low as practicable. • Debris will be misted before sweeping or	• Disposable drop sheets will be placed below the work area. • Barriers (for example, a tape barrier) will be installed to restrict access to the work area. • Partial or full enclosures will be	• Half-face respirator with HEPA P100 series filters

Work activity	Dust suppression	Other controls	Respirator type
	vacuuming. • A HEPA vacuum will be used to remove debris.	constructed around work areas where significant removal will take place. • Where full enclosures are required, they will be equipped with HEPA-filtered mechanical ventilation. • Signs will be posted at every entrance to the work area. • Workers will use disposable coveralls.	
Manual scraping using a chemical stripper	• Debris will be misted before sweeping or vacuuming. • A HEPA vacuum will be used to remove debris.	• Disposable drop sheets will be placed below the work area. • Barriers (for example, a tape barrier) will be installed to restrict access to the work area. • Signs will be posted at every entrance to the work area. • The work area will be ventilated with a continuous supply of fresh air for the workers. • Partial or full enclosures will be constructed around work areas where significant removal will take place. • Where full enclosures are required, they will be equipped with HEPA-filtered mechanical ventilation. • Workers will use disposable coveralls. • Methylene chloride products will not be used. • Additional PPE (for example, gloves and goggles) may be required as recommended by the MSDS for the chemical stripper.	• Half-face respirator with HEPA P100 series/organic vapour cartridges • Additional respiratory protection may be required as recommended by the MSDS for the chemical stripper
Removing paint using powered hand tools	• Tools equipped with a HEPA-filtered dust collection system will be used. • Debris will be misted before sweeping or vacuuming.	• Disposable drop sheets will be placed below the work area. • Barriers (for example, a tape barrier) will be installed to restrict access to the work area. • Signs will be posted at every entrance to the work area.	• NIOSH-approved single-use N95, N99, or P100 respirator • Half-face respirator with HEPA P100 series filters

Work activity	Dust suppression	Other controls	Respirator type
	• A HEPA vacuum will be used to remove debris.	• Workers will use disposable coveralls.	
	• Tools without a dust suppression system will be used. • Debris will be misted before sweeping or vacuuming. • A HEPA vacuum will be used to remove debris.	• Disposable drop sheets will be placed below the work area. • Partial or full enclosures should be constructed around work areas where removal will take place. • Where full enclosures are required, they should be equipped with HEPA-filtered mechanical ventilation. • Workers will use disposable coveralls.	• Full-face elastomeric respirator equipped with P100 HEPA cartridges, or • Powered air-purifying respirator (PAPR) equipped with P100 HEPA cartridges

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Lead Air Monitoring during Removal Works, Visual Clearances and Clearance Air Monitoring

The Hygienist will throughout works undertake "real time" air monitoring to ensure that on-site processes and procedures adopted are satisfactory. During the lead management works Lead air monitoring, clearance air monitoring and monitoring during enclosure dismantling will be undertaken. At the completion of works a visual clearance inspection will also be undertaken.
The static air sampling will indicate if the removal work methods employed on-site by the certified contractor are proving to be effective work techniques.

Surface dust sampling will be taken at the completion of each section of works, and sent away for analysis as evidence of satisfactory lead management procedures.

The following table indicates the required control levels and required actions.

Table 1 – Lead Control levels and required actions

Control Level	Control / Action
Surface Dust Samples interior floors if >1 mg/m^2 Surface Dust Samples of Exterior Surfaces > 8mg/m^2	Vacuum, wet wipe and decontaminate area again
Real Time Static Air Monitoring* ≥0.02 mg/m^3	Review control measures
Real Time Static Air Monitoring* ≥0.05 mg/m^3	Stop Lead Management Works and find cause
Real Time Static Air Monitoring* ≥0.1 mg/m^3	Stop Lead Management Works and Decontaminate Area
*Current Occupational Exposure Limit (OEL) 0.15mg/m^3, AIOH recommended OEL 0.1 mg/m^3 Clearance Air Monitoring must be below 0.075mg/m^3 as per SLR specification	

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LEAD (Pb) MANAGEMENT SPECIFICATIONS

The bulk of the lead management will be preparing lead based paint surfaces ready for the application of new paint.

➢ **Interim Site Security and Safety**

It is recommended that signage be placed around the perimeter of the site, together with barriers constructed of barrier tape and or trestles. Signage should be similar to the ones detailed below.

Lead (Pb) Removal and Site Remediation:

As per legislation, the Lead (Pb) paint preparation works need to be undertaken by an experienced lead abatement contractor. It is also a requirement of legislation that the Contractor provide a Safe Work Method Statement as well as documentary evidence of personnel involved and their Lead (Pb) Biological Blood Level Monitoring program as per Part 7.6 of the NSW OH&S Regulation 2001, if regular lead works are to be undertaken.

As discussed, the experienced contractor will need to prepare a Safe Method of Work Statement including;

- A minimum 200µm thick plastic sheeting to create an “enclosure” prior to preparation works including on the floor to collect paint debris and to prevent other surfaces, this “enclosure” then needs to undergo a visual inspection by the Hygienist prior to Lead (Pb) works commencing.

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- A "decontamination" facility for personnel and equipment needs to be adopted, with consideration for the reclaiming of contaminated water, coveralls, personal protective equipment and cloths used for cleaning etc. Work zones need to be considered and agreed to prior to works commencing this will ensure that clean areas are not contaminated and that contractor personnel adopt correct personal hygiene procedures. The work zones need to be separated by suitable airlocks or buffer zones.

- Adoption of wet removal methods during Lead(Pb) works to suppress and contain dust are to be utilised. To remove flaked and peeling paint and to prepare surfaces prior to painting wet scraping or wet sanding as detailed in the AS 4361 are to be adopted.

- Decontamination requirements for personnel, tools and equipment, the Lead(Pb) work area and any other areas that could become contaminated need to be considered and addressed in the plan. At the end of works all plant and equipment within the Lead(Pb) work area including any remaining non-movable items, should be vacuumed and/or wet wiped to remove any residual dust if evidenced. After a satisfactory clearance, visual inspection coupled with "real time" clearance air monitoring both undertaken by the Hygienist the "enclosure" maybe sprayed with an adhesive (PVA) to contain any dust and then dismantled prior to demobilization.

- Appropriate personal protection procedures including coveralls, and gloves, eye protection and Type P2 particulate respirators with particulate filter cartridges are to be used as a minimum requirement during painting works.

All possible Lead (Pb) contaminated materials, including paint debris, personnel protective equipment, plastic drop sheets etc must be documented in the Safe Work Method Statement describing the arrangements for storage, transport and disposal. Compliance with current environmental protection laws must be evidenced, as well as contingency plans for accidental spills.

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4.0 Synthetic Mineral Fibre Products (SMFs)

Synthetic Mineral Fibre building materials were found to be present at the South Street Depot, Katoomba. The information provided below is provided in the case of an unexpected find of SMF occurs. If works do need to be undertaken which will disturb this material, safety goggles, disposable coveralls, gloves and a class P2 respirator should be adopted. This will avoid any skin irritation and inhalation of airborne fibres.

Air monitoring should also be undertaken to ensure that levels are less than the current workplace exposure standard of 0.5 fibres/ml. Measurement of airborne levels of respirable SMF fibres is undertaken in accordance with the SMF Membrane Filter Method (NOHSC, 1989b) and if necessary the gravimetric inhalable dust method (AS 3640-2004). Using the MFM, respirable fibres are defined as being at least 5µm long, and no more than 3µm wide with a length to width ratio of at least 3 to1. The results are compared against the current NES for respirable SMF fibre (0.5 f/mL) or the complimentary gravimetric inhalable dust standard (2 mg/m3).

5.0 Polychlorinated Biphenyls (PCBs)

Polychlorinated Biphenyl containing capacitors may be present in the Stores Building, fluorescent light fittings, inspected at the South Street Depot, Katoomba.
The information provided below is provided in the case of an unexpected find of PCB's occurs.
PCB material within fluorescent light fittings present a negligible risk unless damaged or leaking.
PCB material may be inhaled, ingested or absorbed through the skin. The National Occupational Health and Safety Commission (NOHSC) has determined a maximum exposure standard for PCB's:
PCBs containing 42 % chloride
Time weighted average (TWA): 1 mg/m3
Short term exposure limit (STEL): 2 mg/m3

PCBs containing 54 % chloride
Time weighted average (TWA): 0.5 mg/m3
Short term exposure limit (STEL): 1mg/m3

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All PCBs should be labelled;

"CAUTION

CONTAINS POLYCHLORINATED BIPHENYL (PCB)

A TOXIC HAZARD AND TOXIC ENVIRONMENTAL CONTAMINANT"

The preferred control option is to remove and replace all PCB capacitors. Temporary storage of PCB-containing equipment should be placed in a polythene bag and sealed inside a metal container that is clearly marked with the details of the contents. If some of the material is leaking then the container should be partially filled with an absorbent packing material.

All scheduled PCB waste must be treated by a licensed/approved operator. Solid and liquid scheduled waste must not go to landfill.

6.0 Phenols

No Phenols were found to be present at the Glenbrook Cinema and Hall during the hazardous building materials inspection.

The main source of Phenol products is Bakelite products, such electrical switches. The Phenol material identified on-site was in a bonded format, and in this structure and condition does not present a significant risk in its current condition and state.

If Bakelite materials are disturbed they should be handled similar to bonded (Non-friable) Asbestos. If works do need to be undertaken which will disturb this material, disposable coveralls, gloves and a class P2 respirator should be adopted. This will avoid any skin absorption or chemical inhalation.

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References

1. *NSW Work Health and Safety Act 2011 [2011-674]*
2. *NSW Work Health and Safety Regulation 2017*
3. *Code of Practice; How to Manage and Control Asbestos in the Workplace [Safe Work Australia: 2016]*
4. *Code of Practice; How to Safely Remove Asbestos [safe Work Australia: 2016].*
5. *Code of Practice for the Safe Removal of Asbestos* 2nd Edition [NOHSC:2002(2005)]
6. Guidelines for Health Surveillance *[NOHSC: 7039 (1995)]*
7. National Exposure Standards for Atmospheric Contaminants in the Occupational Environment *3rd Edition [NOHSC: 1003(1995)]*
8. Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres *2nd Edition [NOHSC:3003(2005)].*
9. Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment 3rd Edition *[NOHSC: 3008 (1995)]*
10. Australia/New Zealand Standard 1716-2012 Respiratory Protective Device
11. Australian/New Zealand Standard 1715-2009 Selection, Use and Maintenance of Respiratory Protective Devices
12. AS/NZS 60335.2.69:2003, Household and Similar Electrical Appliances - Safety - - Vacuum Cleaners, Class H requirements
13. National Code of Practice for the Control of Workplace Hazardous Substances *[NOHSC:2007(1994)].*
14. *Code of Practice for the Safe Removal of Asbestos 2nd Edition [NOHSC:2002(2005)]*
15. *Code of Practice for the Management and Control of Asbestos in Workplaces [NOHSC: 2018 (2005)].*
16. Australia/New Zealand Standard 1716-2003 *Respiratory Protective Device*
17. Australian/New Zealand Standard 1715-1994 *Selection, Use and Maintenance of Respiratory Protective Devices*
18. Australian/New Zealand Standard 3544 *Industrial vacuum cleaners for particulates hazardous to health*

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APPENDIX I:

SAMPLE ANALYSIS RESULTS

APPENDIX II:

BACKGROUND AIRBORNE ASBESTOS AIR MONITORING RESULTS

APPENDIX III:

LEAD (Pb) SAMPLE ANALYSIS RESULTS

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LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R1
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Friday, 9 March 2018
Analysed Date: Wednesday, 7 March 2018
Laboratory Receival Date: Tuesday, 6 March 2018
Sampled Date: Monday, 26 February 2018

Attention: Jason Adams
Approved Identifier and Signatory: Jeffrey Sargent
Sampled From: 22 South Street, Katoomba / BMCCKatoomba Depot

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S1	Store Compressor Soffit	Fibre board	0.8 gm	Yes	Chrysotile, Amosite, Organic
B17955-S2	Store Under Stairs	Fibre board	0.6 gm	Yes	Chrysotile, Amosite, Organic
B17955-S3	North Supply Office Stairs	Fibre board	0.4 gm	Yes	Chrysotile, Organic
B17955-S4	West Wall - East Office	Fibre board	0.4 gm	Yes	Chrysotile, Organic
B17955-S5	Washroom/ Toilet	Fibre cement	0.1 gm	Yes	Chrysotile, Organic
B17955-S6	Amenities Eaves	Fibre cement	0.3 gm	Yes	Chrysotile, Organic
B17955-S7	West Awning Soffit	Fibre cement	1.1 gm	No	Organic
B17955-S8	Male Toilet Ceiling	Fibre cement	0.3 gm	No	Organic
B17955-S9	Mens Toilet Cubicles	Fibre cement	0.7 gm	Yes	Chrysotile

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LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R2
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Friday, 9 March 2018
Analysed Date: Wednesday, 7 March 2018
Laboratory Receival Date: Tuesday, 6 March 2018
Sampled Date: Monday, 26 February 2018

Attention: Jason Adams
Approved Identifier and Signatory: Jeffrey Sargent
Sampled From: 22 South Street, Katoomba / BMCCKatoomba Depot

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S10	Garage Awning Soffits	Fibre cement	0.8 gm	No	Organic
B17955-S11	Store Office Debris	Fibre cement	1.5 gm	Yes	Chrysotile, Organic
B17955-S12	Admin Entry Soffit	Fibre cement	0.8 gm	Yes	Chrysotile, Organic
B17955-S13	Conference Room Ceiling	Fibre cement	0.5 gm	No	Organic
B17955-S14	Waste Services Vinyl Tile	Vinyl Tile	5.2 gm	No	None
B17955-S15	North Toilet Ceiling	Fibre cement	0.3 gm	No	Organic
B17955-S16	Gardeners Main Office	Fibre cement	1.4 gm	Yes	Chrysotile, Organic
B17955-S17	Carpenters Entry Hall	Fibre cement	0.3 gm	No	Organic
B17955-S18	Container Packers	Fibre cement	0.6 gm	No	Organic

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LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R3
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Friday, 9 March 2018
Analysed Date: Wednesday, 7 March 2018
Laboratory Receival Date: Tuesday, 6 March 2018
Sampled Date: Monday, 26 February 2018

Attention: Jason Adams
Approved Identifier and Signatory: Jeffrey Sargent
Sampled From: 22 South Street, Katoomba / BMCCKatoomba Depot

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S19	S/W Dump-Pipe on Ground	Fibre cement	0.4 gm	No	Organic
B17955-S20	S/W Dump- Broken Sheet	Fibre cement	1.9 gm	No	Organic
B17955-S21	S/W Dump- Pipe in Blocks	Fibre cement	1.4 gm	No	Organic
B17955-S22	S/W Dump- Sheet in Blocks	Fibre cement	1.0 gm	No	Organic

Regional EnviroScience
Hazardous Materials Laboratory and Consultancy

LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R4
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Monday, 9 April 2018
Analysed Date: Friday, 6 April 2018
Laboratory Receival Date: Friday, 6 April 2018
Sampled Date: Wednesday, 4 April 2018

Attention: Jason Adams
Approved Identifier and Signatory: Jeffrey Sargent
Sampled From: 22 South Street, Katoomba

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S23	Amenities Building - Meals Break Room	Linoleum	5.2 gm	No	None
B17955-S24	Amenities Building - Meals Break Room	Green Vinyl Tile Squares	11.0 gm	No	None
B17955-S25	Amenities Building - External Meals Break Room - Verandah Soffit	Fibre board	0.2 gm	Yes	Chrysotile, Organic

Regional EnviroScience
Hazardous Materials Laboratory and Consultancy

LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R5
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Monday, 30 April 2018
Analysed Date: Monday, 30 April 2018
Laboratory Receival Date: Friday, 27 April 2018
Sampled Date: Tuesday, 24 April 2018

Attention: Jason Adams
Approved Identifier and Signatory: Kenneth Archer
Sampled From: 38 South Street Katoomba

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S26	East Soffit Amenities Block	Fibre cement	0.2 gm	No	Organic
B17955-S27	Mens and Womens Shower Infill Below Window	Fibre cement	0.1 gm	No	Organic
B17955-S28	Telstra Box at Front of Amenities	Fibre cement	0.1 gm	Yes	Chrysotile
B17955-S29	Front Soffit Administration Building	Fibre cement	0.1 gm	No	Organic
B17955-S30	Flooring in Kitchen	Vinyl Tile	0.4 gm	No	Synthetic Mineral
B17955-S31	Skirting in First Floor Offices Skirting in First Floor Offices	Vinyl Skirting	0.3 gm	No	None

Regional EnviroScience
Hazardous Materials Laboratory and Consultancy

LABORATORY ANALYSIS REPORT
Asbestos Identification Report

Report No: B17955-R6
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Monday, 30 April 2018
Analysed Date: Monday, 30 April 2018
Laboratory Receival Date: Friday, 27 April 2018
Sampled Date: Tuesday, 24 April 2018

Attention: Jason Adams
Approved Identifier and Signatory: Kenneth Archer
Sampled From: South Street Depot, Katoomba

Test Method: Polarised Light Microscopy (PLM) including Dispersion Staining (DS), Regional EnviroScience Pty Ltd in-house laboratory method, in accordance with Australian Standard AS4964-2004 'Method for the qualitative identification of asbestos in bulk samples'. Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Sample Description	Sample Size	Asbestos Detected	Fibres Detected
B17955-S32	Workshop Office	Vinyl Tile	0.5 gm	No	Synthetic Mineral, Organic
B17955-S33	Trades Extension	Fibre board	0.9 gm	No	Organic
B17955-S34	Trades Carpenters Crib Room	Fibre board	1.0 gm	No	Organic
B17955-S35	Trades Mens Bathroom	Fibre board	0.6 gm	No	Organic
B17955-S36	Trades Carpenters Skirting	Vinyl Tile	2.3 gm	No	None

Regional EnviroScience
Hazardous Materials Laboratory and Consultancy

LABORATORY ANALYSIS REPORT
Estimation of Airborne Asbestos Fibres

Report No: A17955-R1
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Tuesday, 6 March 2018
Analysed Date: Tuesday, 6 March 2018
Laboratory Receival Date: Tuesday, 6 March 2018
Sampled Date: Monday, 26 February 2018
Sampled By: Phill Abbott

Attention: Jason Adams
Approved Counter and Signatory: Kenneth Archer
Sampled From: BMCC Katoomba Depot - 38 South Street
Type of Monitoring: Background Monitoring

Test Method: In accordance with the (NOHSC:3003 (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Fibres (as outlined in the Laboratory Method Manual). Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Time On / Off	Flow Rate L/ Min	Results Fibres / Field	Results Fibres / ml
A17955-S1	Store Office	1220 / 1435 135 min	3.0	0 /100	< 0.01
A17955-S2	Amenities Foyer	1220 / 1435 135 min	3.0	0 /100	< 0.01
A17955-S3	Garage / Workshop	1225 / 1440 135 min	2.9	1 /100	< 0.01
A17955-S4	Administration	1230 / 1445 135 min	3.0	0 /100	< 0.01
A17955-S5	Quality Control Laboratory Blank	/ 0 min	N.A.	0 /100	Acceptable limit

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WAGGA WAGGA 12 Chaston Street Wagga Wagga NSW 2650
TAMWORTH 4/158 Marius Street Tamworth NSW 2340
MAROOCHYDORE 1B/48 Aerodrome Road Maroochydore QLD 4558

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Hazardous Materials Laboratory and Consultancy

LABORATORY ANALYSIS REPORT
Estimation of Airborne Asbestos Fibres

Report No: A17955-R2
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Tuesday, 6 March 2018
Analysed Date: Tuesday, 6 March 2018
Laboratory Receival Date: Tuesday, 6 March 2018
Sampled Date: Tuesday, 27 February 2018
Sampled By: Phill Abbott
Approved Counter and Signatory: Kenneth Archer

Attention: Jason Adams
Sampled From: 38 South Street, Katoomba
Type of Monitoring: Background Monitoring

Test Method: In accordance with the (NOHSC:3003 (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Fibres (as outlined in the Laboratory Method Manual). Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Time On / Off	Flow Rate L/ Min	Results Fibres / Field	Results Fibres / ml
A17955-S6	Mid Parks and Gardens	1040 / 1255 135 min	2.9	0 /100	< 0.01
A17955-S7	Mid Trades and Shed	1045 / 1300 135 min	3.0	0 /100	< 0.01
A17955-S8	Emulsion Shed	1050 / 1305 135 min	3.0	0 /100	< 0.01
A17955-S9	South / East Corner Shed	1055 / 1210 75 min	3.0	0 /100	< 0.01
A17955-S10	Quality Control Laboratory Blank	/ 0 min	N.A.	0 /100	Acceptable limit

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LABORATORY ANALYSIS REPORT
Estimation of Airborne Asbestos Fibres

Report No: A17955-R3
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Friday, 27 April 2018
Analysed Date: Friday, 27 April 2018
Laboratory Receival Date: Friday, 27 April 2018
Sampled Date: Monday, 23 April 2018

Sampled By: Michael Williamson
Approved Counter and Signatory: Kenneth Archer

Attention: Jason Adams
Sampled From: South Street Depot
Type of Monitoring: Background Monitoring

Test Method: In accordance with the (NOHSC:3003 (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Fibres (as outlined in the Laboratory Method Manual). Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Time On	Time Off	Flow Rate L/ Min	Results Fibres / Field	Results Fibres / ml
A17955-S11	Admin Entrance	1245	1605	2.0	0 /100	< 0.01
		200 min				
A17955-S12	Stores Building	1245	1605	2.0	0 /100	< 0.01
		200 min				
A17955-S13	Workshop	1245	1605	2.0	0 /100	< 0.01
		200 min				
A17955-S14	Parks and Gardens	1245	1605	2.0	0 /100	< 0.01
		200 min				
A17955-S15	Quality Control Laboratory Blank			N.A.	0 /100	Acceptable limit
		0 min				

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LABORATORY ANALYSIS REPORT
Estimation of Airborne Asbestos Fibres

Report No: A17955-R4
Client: Blue Mountains City Council
Client Address: 2-6 Civic Place, Katoomba,NSW, 2780

Report Date: Friday, 27 April 2018
Analysed Date: Friday, 27 April 2018
Laboratory Receival Date: Friday, 27 April 2018
Sampled Date: Tuesday, 24 April 2018
Sampled By: Michael Williamson
Approved Counter and Signatory: Kenneth Archer

Attention: Jason Adams
Sampled From: South Street Depot
Type of Monitoring: Background Monitoring

Test Method: In accordance with the (NOHSC:3003 (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Fibres (as outlined in the Laboratory Method Manual). Accredited for compliance with ISO/IEC:17025-Testing.

Sample Number	Sample Location	Time On / Off	Flow Rate L/ Min	Results Fibres / Field	Results Fibres / ml
A17955-S16	Admin Entrance	0730 / 1050 200 min	2.0	0 /100	< 0.01
A17955-S17	Parks and Gardens	0730 / 1050 200 min	2.0	0 /100	< 0.01

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CERTIFICATE OF ANALYSIS 186271

Client Details

Client	Regional Enviroscience
Attention	Danielle, Wayne Sibley
Address	PO Box 1645, Dubbo, NSW, 2830

Sample Details

Your Reference	**17955, BMCC Katoomba Depot**
Number of Samples	17 Paint
Date samples received	01/03/2018
Date completed instructions received	01/03/2018

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	08/03/2018
Date of Issue	06/03/2018

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Results Approved By
Long Pham, Team Leader, Metals

Authorised By

David Springer, General Manager

Lead in Paint						
Our Reference		186271-1	186271-2	186271-3	186271-4	186271-5
Your Reference	UNITS	S03	S04	S05	S06	S07
Type of sample		Paint	Paint	Paint	Paint	Paint
Date prepared	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Date analysed	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Lead in paint	%w/w	0.1	<0.05	7.6	<0.05	0.3

Lead in Paint						
Our Reference		186271-6	186271-7	186271-8	186271-9	186271-10
Your Reference	UNITS	S15	S16	S17	S18	S20
Type of sample		Paint	Paint	Paint	Paint	Paint
Date prepared	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Date analysed	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Lead in paint	%w/w	<0.05	<0.05	<0.05	0.4	<0.05

Lead in Paint						
Our Reference		186271-11	186271-12	186271-13	186271-14	186271-15
Your Reference	UNITS	S21	S22	S23	S28	S29
Type of sample		Paint	Paint	Paint	Paint	Paint
Date prepared	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Date analysed	-	02/03/2018	02/03/2018	02/03/2018	02/03/2018	02/03/2018
Lead in paint	%w/w	<0.05	0.1	2.8	<0.05	<0.05

Lead in Paint			
Our Reference		186271-16	186271-17
Your Reference	UNITS	S30	S31
Type of sample		Paint	Paint
Date prepared	-	02/03/2018	02/03/2018
Date analysed	-	02/03/2018	02/03/2018
Lead in paint	%w/w	<0.05	0.62

Method ID	Methodology Summary
Metals-004	Digestion of Paint chips/scrapings/liquids for Metals determination by ICP-AES/MS and or CV/AAS.

QUALITY CONTROL: Lead in Paint						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			02/03/2018	[NT]	[NT]	[NT]	[NT]	02/03/2018	[NT]
Date analysed	-			02/03/2018	[NT]	[NT]	[NT]	[NT]	02/03/2018	[NT]
Lead in paint	%w/w	0.05	Metals-004	<0.05	[NT]	[NT]	[NT]	[NT]	108	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

Blank	This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples.
Duplicate	This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable.
Matrix Spike	A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist.
LCS (Laboratory Control Sample)	This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample.
Surrogate Spike	Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples.

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: <5xPQL - any RPD is acceptable; >5xPQL - 0-50% RPD is acceptable.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals; 60-140% for organics (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.

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CERTIFICATE OF ANALYSIS 190468

Client Details

Client	Regional Enviroscience
Attention	Gemma Murphy
Address	PO Box 1645, Dubbo, NSW, 2830

Sample Details

Your Reference	**17955**
Number of Samples	10 paint
Date samples received	30/04/2018
Date completed instructions received	30/04/2018

Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

Report Details

Date results requested by	04/05/2018
Date of Issue	03/05/2018

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Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

Results Approved By
Long Pham, Team Leader, Metals

Authorised By

Jacinta Hurst, Laboratory Manager

Lead in Paint						
Our Reference		190468-1	190468-2	190468-3	190468-4	190468-5
Your Reference	UNITS	S01	S02	S03	S04	S05
Type of sample		paint	paint	paint	paint	paint
Date prepared	-	01/05/2018	01/05/2018	01/05/2018	01/05/2018	01/05/2018
Date analysed	-	01/05/2018	01/05/2018	01/05/2018	01/05/2018	01/05/2018
Lead in paint	%w/w	<0.05	<0.05	2.4	0.09	<0.05

Lead in Paint						
Our Reference		190468-6	190468-7	190468-8	190468-9	190468-10
Your Reference	UNITS	S06	S07	S08	S09	S10
Type of sample		paint	paint	paint	paint	paint
Date prepared	-	01/05/2018	01/05/2018	01/05/2018	01/05/2018	01/05/2018
Date analysed	-	01/05/2018	01/05/2018	01/05/2018	01/05/2018	01/05/2018
Lead in paint	%w/w	<0.05	0.4	<0.05	<0.05	<0.05

Method ID	Methodology Summary
Metals-004	Digestion of Paint chips/scrapings/liquids for Metals determination by ICP-AES/MS and or CV/AAS.

QUALITY CONTROL: Lead in Paint						Duplicate			Spike Recovery %	
Test Description	Units	PQL	Method	Blank	#	Base	Dup.	RPD	LCS-1	[NT]
Date prepared	-			01/05/2018	3	01/05/2018	01/05/2018		01/05/2018	[NT]
Date analysed	-			01/05/2018	3	01/05/2018	01/05/2018		01/05/2018	[NT]
Lead in paint	%w/w	0.05	Metals-004	<0.05	3	2.4	2.8	15	105	[NT]

Result Definitions

NT	Not tested
NA	Test not required
INS	Insufficient sample for this test
PQL	Practical Quantitation Limit
<	Less than
>	Greater than
RPD	Relative Percent Difference
LCS	Laboratory Control Sample
NS	Not specified
NEPM	National Environmental Protection Measure
NR	Not Reported

Quality Control Definitions

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When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Measurement Uncertainty estimates are available for most tests upon request.