Note

Actions for HAZMAT Detected Throughout

SMF

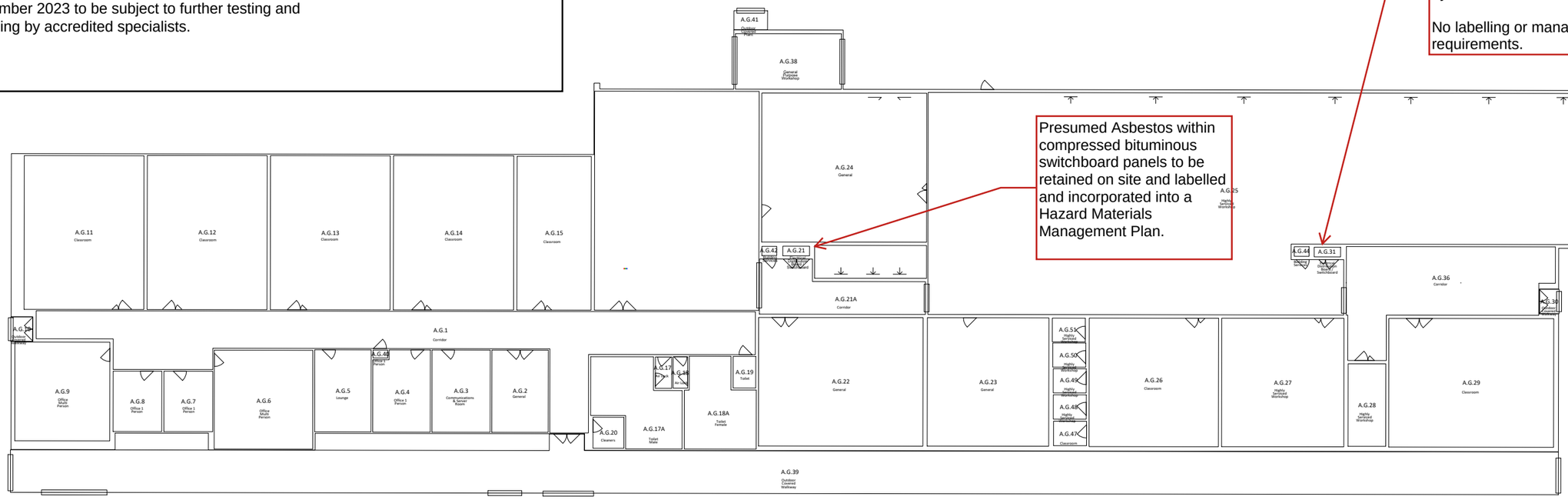
observed within hot water heater pipework insulation and ceiling tiles to be removed under controlled conditions prior to refurb.

ODS

observed within existing AC units, o be removed under controlled conditions prior to refurb.

Further Identification and Testing

All identification of further high-risk materials not covered by the previous WSP HAZMAT Report PS137337 dated December 2023 to be subject to further testing and handling by accredited specialists.



Presumed Asbestos within compressed bituminous switchboard panels to be retained on site and labelled and incorporated into a Hazard Materials Management Plan.

Presumed Asbestos within compressed bituminous switchboard panels referenced in HAZMAT survey was removed during install of new switchboard by TAFE in 2025.

No labelling or management requirements.

SK-CI001 - Block A HAZMAT Demolition Plan
Revision A - 25 May 2025

Notes by Capital Insight

Drafted MT
Reviewed LH

NSW TAFE-Western Sydney Region
Padstow Campus

Title: (A)-Level G (Room Function)

Campus

TAFE NSW - Padstow
Raine Rd, Padstow NSW 2211

Client

TAFE NSW

Date

03/02/2020

Revision:

01

Scale Bar: 1:300

6m 0 6 12 18

TAFE NSW

HAZARDOUS MATERIALS RESURVEYS

PADSTOW TAFE CAMPUS
RAINE RD, PADSTOW NSW 2211

DATE OF INSPECTION: 13-15 JUNE 2023
DATE OF ISSUE: 15 DECEMBER 2023

CONFIDENTIAL

Hazardous Materials Resurveys
Padstow TAFE Campus
Raine Rd, Padstow NSW 2211

TAFE NSW

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REV	DATE	DETAILS
A	15/12/2023	First Issue

	NAME	DATE	SIGNATURE
Prepared by:	Jordan Tran	15 December 2023	
Reviewed by:	Neil Kumar	15 December 2023	
Approved by:	Sam Wells	15 December 2023	

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GLOSSARY

ACRONYM	DEFINITION
A	Amosite asbestos (brown asbestos)
AC	Asbestos cement (asbestos-containing fibrous cement material)
ACM	Asbestos-containing material
C	Crocidolite asbestos (blue asbestos)
CH	Chrysotile asbestos (white asbestos)
FC	Fibre cement (usually sheeting)
OF	Organic Fibre
HAZMAT	Hazardous material
LBP	Lead based paint
NAD	No asbestos detected
NATA	National Association of Testing Authorities, Australia
NOHSC	National Occupational Health and Safety Commission
ODS	Ozone Depleting Substance
PCB	Polychlorinated biphenyls
PPE	Personal protective equipment
RPE	Respiratory protective equipment
SMF	Synthetic mineral fibre
WH&S	Workplace Health and Safety

EXECUTIVE SUMMARY

WSP Australia Pty Limited (WSP) was engaged by TAFE NSW (TAFE) to undertake Hazardous Materials Resurveys of TAFE campus sites within NSW. This report outlines the findings of the resurvey of Padstow TAFE Campus located at Raine Road, Padstow NSW 2211 (the Site).

The resurvey was undertaken by Jordan Tran, Hazardous Materials Consultant of WSP on the 13-15 June 2023

FINDINGS

The following table summarises hazardous materials identified during the Site inspection. Refer to the hazardous materials register for detailed descriptions (Appendix A)

Table 1.1 Findings

MATERIAL	IDENTIFIED	NUMBER OF ITEMS	RISK RANGE		
Padstow TAFE					
Friable ACM	No	0	-	to	-
Non-friable ACM	Yes	35	P4	to	P4
Synthetic Mineral Fibres	Yes	9	P4	to	P3
Lead Based Paints	Yes	9	P4	to	P4
Lead Containing Dust	No	0	-	to	-
PCB	Yes	1	P4	to	P4
Ozone Depleting Substances	Yes	9	P4	to	P4

High risk hazardous materials were not identified during the Site inspection.

1 INTRODUCTION

WSP Australia Pty Limited (WSP) was engaged by TAFE NSW (TAFE) to undertake Hazardous Materials Resurveys of TAFE campus sites within NSW. This report outlines the findings of the resurvey of Padstow TAFE Campus located at Raine Rd, Tighes Hill NSW 2211 (the Site).

The resurvey was undertaken by Jordan Tran, Hazardous Materials Consultant of WSP on the 13th to 15th June 2023.

For the purpose of this report the term hazardous materials (HAZMAT) refers to the following:

- Asbestos containing materials (ACM)
- Lead based paints (LBP)
- Synthetic mineral fibre (SMF) materials
- Light fittings and accessible electrics that may contain polychlorinated biphenyls (PCB) capacitors
- Ozone depleting substances (ODS).

A complete list of the in-situ and suspected HAZMAT identified during the resurvey, including details about the condition and the risk posed by each situation has been provided in the hazardous materials register, photographs, certificates of analysis and site plan attached as Appendices A to D.

No one section or part of a section of this report should be taken as giving an overall idea of this report. Each section must be read in conjunction with the whole of this report, including the hazardous materials register and sample results.

1.1 LEGISLATIVE REQUIREMENTS

The resurvey works and production of this report have been undertaken in accordance with the requirements of the following documents:

- Work Health and Safety Act 2011 (NSW)
- Work Health and Safety Regulation 2017 (NSW)
- SafeWork NSW: How to Manage and Control Asbestos in the Workplace: Code of Practice 2022
- SafeWork NSW: How to Safely Remove Asbestos: Code of Practice 2022
- ANZECC (1997) Identification of PCB-containing Capacitors: An information booklet for Electricians and Electrical Contractors
- Australia and New Zealand Environment and Conservation Council (ANZECC), Polychlorinated Biphenyls Management Plan -1996 (Revised 2003)
- AS/NZS 4361.1:2017, Guide to Hazardous Paint Management, Part 1: Lead and other hazardous metallic pigments in industrial applications
- AS/NZS 4361.2:2017, Guide to Hazardous Paint Management, Part 2: Lead paint in residential, public and commercial buildings (AS/NZS 4361.2:2017)
- National Code of Practice for the Control and Safe Use of Inorganic Lead at Work [NOHSC:2015(1994)].
- AIOH positional paper: Synthetic Mineral Fibres and Occupational Health Issues 2011
- National Standard for Synthetic Mineral Fibres [NOSHC:1004 (1990)].
- National Code of Practice for the Safe Use of Synthetic Mineral Fibres [NOSHC:2006 (1990)]

- SafeWork NSW Code of Practice: Managing the risk of falls at workplaces, August 2019
- SafeWork NSW Code of Practice: Confined Spaces, August 2019
- Occupational Health and Safety Administration (OSHA) Method 125G-2002 – 'Metal and Metalloid Particulates in Workplace Atmospheres (ICP Analysis)'.

1.2 SCOPE OF SERVICES

The objectives of the hazardous material resurvey included the following:

- Undertake a non-destructive resurvey of the site to identify and assess hazardous materials present within the building structure(s).
- Condition assessment of HAZMAT previously identified in the supplied HAZMAT register.
- Undertake an initial non-destructive HAZMAT survey of the site where a previous HAZMAT register is not available.
- Sampling of representative materials suspected of containing asbestos or being lead based paint.
- Perform a risk assessment of HAZMAT identified in accordance with the adopted HAZMAT risk assessment descriptors and ratings.
- Update the existing or prepare a new HAZMAT Register for the site.
- Provide a semi-quantitative risk assessment of the HAZMAT identified.
- Provide recommendations for the management of HAZMAT identified.

TAFE provided WSP with the current asbestos and hazardous building materials register for the Site. It should be noted that WSP has inspected the site incorporating the data supplied that may include the previous survey of the site and subsequent reinspection's. WSP can provide no assurances on the accuracy of previous sampling regimes and analysis results outside of its control.

2 RESURVEY METHODOLOGY

2.1 HAZMAT REGISTER REVIEW

Where available the existing HAZMAT register was supplied for the site. Where a previous HAZMAT survey had not been performed, WSP surveyors developed a register through an initial HAZMAT survey of the site. All amendments to the original register including updated risk assessment, location description and new HAZMAT identified are denoted by red colour text.

2.2 SITE INSPECTION

The identification of hazardous materials involved a combination of visual inspection of the accessible areas of the building/structure and the collection of representative samples of the suspect materials for the purpose of analytical confirmation. Where identical suspect materials were detected at different locations, visual confirmation only may have been made rather than additional sample collection.

Access was made only where safe access by solid floors, decking, walkways, protected catwalks or ladders was available. Minimal to no disturbance of any equipment was undertaken as part of the survey as all plant, electrical installations, pipe-work and associated equipment were considered live at the time of the survey. Access through the buildings and structures on the site was made by systematic walkthrough.

2.3 IDENTIFICATION OF MATERIAL

2.3.1 ASBESTOS CONTAINING MATERIALS (ACM)

Representative samples of materials suspected to contain asbestos were collected and analysed at WSP's NATA accredited laboratory. The identification of asbestos fibres was based on using Polarised Light Microscopy supplemented with Dispersion Staining techniques. This is detailed in *Australian Standard 4964-2004, Method for the qualitative identification of asbestos in bulk samples*. Asbestos samples were only collected for analysis where the safety of personnel would not be compromised. Sampling was conducted in accordance with the WSP's in house survey guide, *SafeWork NSW Code of Practice, How to Manage and Control Asbestos in the Workplace* and the *United Kingdom Health & Safety Executive publication, HSG 264: Asbestos: The survey guide.*

2.3.2 LEAD-BASED PAINT (LBP)

Representative samples of paint systems suspected of being lead based were collected and analysed at Eurofins NATA accredited laboratory (NATA accreditation number: 1261). Laboratory analysis of LBP is used to achieve a reportable weight by weight percentage of lead throughout the paint layers and is reported against AS/NZS 4361.2:2017 lead containing paint system level of greater than 0.1 % w/w of the dried film.

Sampling methodology took into account the various paint coats and recorded these layers accordingly, these observations are referred to alongside the analytical sample results to acknowledge that lead paint layers of varying lead content may have affected the analytically observed lead weight concentration recorded from the sample. To this end, where multiple lead paint layers have been visually recorded but analytically determined lead percentage of the collective paint layers is below actionable limits, the paint undercoats may still be determined as hazardous due to its dilution in the sample by the non-lead topcoats.

2.3.3 SYNTHETIC MINERAL FIBRE (SMF) MATERIALS

Synthetic mineral fibre (SMF) is a generic term used to collectively describe a number of amorphous (non-crystalline) fibrous materials including glass fibre, mineral wool and ceramic fibre.

The two basic forms of SMF insulation are bonded and unbonded. The bonded form consists of SMF bound within a matrix including adhesives, plastics or cements. The unbonded form has no binding agent and the SMF are loose material contained within a product or space. The unbonded form can be packed loose or mixed with adhesives or cements before, or during, installation.

In the absence of any current regulatory standards for the management of SMF within Australia, WSP has adopted the retired *National Standard for Synthetic Mineral Fibres* [NOSHC:1004 (1990)] and the *National Code of Practice for the Safe Use of Synthetic Mineral Fibres* [NOSHC:2006 (1990)] as the guiding framework for the basis of this report. Our experienced surveyors visually identified and recorded the presence of synthetic mineral fibre products onsite. Visual inspections were limited to the ceiling cavity and visually accessible areas. Where required, representative samples of suspect SMF were collected and analysed at WSP's NATA accredited laboratory.

2.3.4 POLYCHLORINATED BIPHENYLS (PCB)

Capacitors in older style fluorescent light fittings were assumed to contain PCBs unless a more detailed inspection and/or laboratory analysis confirmed otherwise. A more detailed inspection and/or laboratory analysis would require a qualified electrician to isolate and de-energise the light fittings to enable inspection and sampling, which was not requested as a part of the scope of work for the program.

2.3.5 OZONE DEPLETING SUBSTANCES (ODS)

Ozone depleting substances (ODS) are widely used in refrigerators, air conditioners, fire extinguishers, in dry cleaning, as solvents for cleaning, electronic equipment and as agricultural fumigants. Older style units were visually assessed and presumed to contain ODS unless a more detailed inspection and/or laboratory analysis confirmed otherwise. These include products such as Chlorofluorocarbons (CFC) and hydrochlorofluorocarbons (HCFC) that are controlled under the Montreal Protocol. HCFCs were introduced in the 1990s as alternative chemicals for CFCs and added to the list of substances controlled by the Montreal Protocol. Although having considerably lower ozone depleting potentials than CFCs, many HCFCs have high global warming potentials, of up to 2000 times that of carbon dioxide.

3 SITE DESCRIPTION

The site is Padstow Hill TAFE Campus located at Raine Road, Padstow, NSW 2211 The survey was restricted to buildings owned and managed by TAFE NSW. Details of the buildings are presented below:

Table 3.1 Building descriptions

BUILDING	BUILDING DESCRIPTION
Building A – 1985	Single storey building of brick construction with metal roof
Building B – 1985	Single storey building of brick construction with metal roof
Building C – 1985	Double storey building of brick construction with metal roof
Building D – 1985	Single storey building of brick construction with metal roof
Building E – 1985	Single storey building of brick construction with metal roof
Building F – 1980	Single storey building of brick construction with metal roof
Building F1 - 1990	Single storey building of metal construction with metal roof
Building G – 1985	Two storey building of brick construction with metal roof
Building H – 1985	Two storey building of brick construction with metal roof
Building J – 1985	Single storey building of brick construction with metal roof
Building K – 1990	Single storey building of brick construction with metal roof
Building L – 1990	Single storey building of brick construction with metal roof
Building M – 1985	Single storey building of brick construction with metal roof
Building N – 1985	Single storey building of brick construction with metal roof
Building T – 2006	Two storey building of brick construction with metal roof
Building U – 2006	Single storey building of canvas and metal construction with canvas and metal roof

3.1 SURVEY RESTRICTIONS

The resurvey was limited to the buildings listed above. The resurvey was not fully intrusive and therefore certain areas were not accessible including:

- Areas of height deemed not safely accessible via a risk assessment in accordance with the *SafeWork NSW Code of Practice: Managing the risk of falls at workplaces, August 2019*
- Confined spaces as defined within the *SafeWork NSW Code of Practice: Confined Spaces, August 2019*
- All electrical equipment including fuses within “live” electrical panelling (uses of a certain age may contain asbestos containing flash guards)
- Materials other than normal building fabric, materials in laboratories or special purpose facilities and building materials that cannot be reasonably and safely assessed without assistance
- Lift wells and inaccessible/unidentified shafts, cavities and the like
- Within air conditioning units and ductwork
- Internal wall cavities

- All areas below ground or soil surfaces
- Hazards/contaminants produced/emitted as a result of on-site activity
- Internal subfloor cavities

4 RISK MATRIX

POTENTIAL TO BE DISTURBED

SCORE	POTENTIAL TO BE DISTURBED
High	Disturbance may occur during typical occupancy of the building and is likely during maintenance works.
Medium	Disturbance unlikely during typical occupancy of the building however may occur during maintenance works.
Low	Disturbance unlikely during typical occupation of the building.

CONDITION

SCORE	CONDITION DESCRIPTION
Poor	Obvious damage or deterioration, extensive dust/contamination.
Fair	Minor damage or deterioration, not sealed/encapsulated.
Good	No obvious damage or deterioration, secured in place, sealed/encapsulated, or not known.

FRIABILITY

SCORE	FRIABILITY DESCRIPTOR
Friable	Material that; (A) is in a powder form or that can be crumbled, pulverised or reduced to powder by hand pressure when dry, and (B) contains asbestos.
Non-friable	Material containing asbestos that is not friable asbestos, including material containing asbestos fibres reinforced with a bonding compound.

RISK MATRIX TABLE

FRIABILITY		FRIABLE			NON-FRIABLE		
Condition		**Poor**	**Fair / Damaged**	**Good**	**Poor**	**Fair / Damaged**	**Good**
Disturbance Potential	**High**	P1 High	P1 High	P2 Medium	P1 High	P1 High	P3 Low
	Medium	P1 High	P2 Medium	P2 Medium	P2 Medium	P2 Medium	P4 Low
	Low	P2 Medium	P3 Low	P3 Low	P3 Low	P3 Low	P4 Low

5 RECOMMENDATIONS

For information about site specific issues, please refer to the comments section of the HAZMAT register in Appendix A.

5.1 ASBESTOS MATERIALS MANAGEMENT PLAN

General work health and safety requirements for the management of hazardous materials are covered by the *NSW Work Health and Safety Act 2011* (WHS Act 2011*), Work Health and Safety Regulation 2017* (WHS Reg 2017) and relevant SafeWork NSW Codes of Practice and guidance material.

An Asbestos Management Plan (AMP) is required for any workplace that contains asbestos. An AMP details the approach to be taken in managing asbestos hazards in the workplace, by documenting procedures designed to minimise the risk of exposure to asbestos of all personnel. An AMP should be used in conjunction with the Asbestos Register and any other records of asbestos materials for the particular structure. Consideration should be given to the preparation of Hazardous Materials Management Plan specific to hazardous materials not covered by an AMP. Reference should be made to the Hazardous Materials Management Plan when managing identified or assumed hazardous building materials, including asbestos.

5.2 RECOMMENDED ACTIONS

The following actions are recommended for each risk priority in accordance with the TAFE NSW Hazardous Materials Management Plan:

Table 5.1 Priority 1

Priority 1 (P1)	Action:	Restrict access to area & organise abatement works as soon as practicable & manage any remaining materials as part of an AMP

Area has ACMS, which are either damaged or are being exposed via continual disturbance. Due to these conditions, there is an increased potential for exposure and/or transfer of material to other locations with continued unrestricted use of the area. Representative asbestos fibre monitoring should be conducted in the area during normal building operations where recommended. Prompt abatement of the asbestos hazard is recommended.

As an interim, restrict access

Table 5.2 Priority 2

Priority 2 (P2)	Action:	Organise remedial works in the next few months & manage any remaining materials as part of an AMP

Area has ACMS with a potential for disturbance due to the following conditions:

1. Material has been disturbed or damaged and its current condition, while not posing an immediate hazard, is unstable.
2. The material is accessible and when disturbed, can present a short-term exposure risk.
3. Demolition, renovation, refurbishment, maintenance, modification of new installations, involving air-handling systems, ceilings, lightings, fire safety or floor layout

Appropriate abatement measures should be undertaken as soon as practicable. A negligible exposure risk exists if materials remain under the control of an AMP.

Table 5.3 Priority 3

Priority 3 (P3)	Action:	No short-term remedial work required review periodically and manage as part of an AMP

Area has ACMS, where:

1 The condition of friable ACMs is currently stable and has allow potential of being disturbed.

2 The ACM is currently in a non-friable form, may have slight damage, but does not present an exposure risk unless cut, drilled, sanded, or otherwise abraded

This present a low risk of exposure where the materials are left undisturbed under the control of an AMP. Defer any major action unless materials are to be disturbed as a result of maintenance, refurbishment or demolition operations.

Table 5.4 Priority 4

Priority 4 (P4)	Action:	No short-term remedial works required review periodically and manage as part of an AMP

Area has ACMS in a non-friable form and in good condition. It is unlikely that the material can be disturbed under normal circumstances and can be safely subjected to normal traffic. Even if it were subjected to minor disturbance the material poses a negligible health risk. These materials should be maintained in good condition and their condition monitored during subsequent reviews. As with any asbestos materials, these materials must be removed prior to renovations that may impact on the materials.

5.3 MAINTENANCE OF THE HAZARDOUS BUILDING MATERIALS REGISTERS

Maintenance of the HAZMAT register is required so that it remains current. In order, to support the maintenance and accessibility of the HAZMAT register, it is recommended that the following is implemented:

- Distribute or otherwise make available all HAZMAT surveys, registers or other relevant information to all employees, visitors, contractors and maintenance people or companies with potential to disturb or work in areas with known or potential asbestos materials
- Action and document the HAZMAT management recommendations made within the registers, particularly where an elevated risk is present with a corresponding recommended timeframe of 12 months or less
- Add entries related to precautionary testing or unexpected finds, if conducted
- Undertake surveys to determine the presence of HAZMAT in spaces or assets that were not accessible or may not be listed on the HAZMAT register prior to demolition or refurbishment
- Review the HAZMAT materials register every five (5) years as a minimum, or whenever:
  - HAZMAT is removed, remediated or disturbed at the workplace
  - The register is no longer adequate for managing HAZMAT risks
  - Requested by a representative of the client.

5.4 PLANNING OF MAINTENANCE, REFURBISHMENT OR DEMOLITION WORKS

With respect to any known or potential HAZMAT, the planning of maintenance, refurbishment or demolition works associated with any asset needs to be undertaken carefully. It should include consideration of the following:

- Requirements of the TAFE NSW Hazardous Building Materials Management Plan
- Recognition that any identified HAZMAT is the minimum amount of material present

- Subsequent recognition that the scope and limitations of prior HAZMAT survey(s) may result in additional unidentified HAZMAT being present. This may require works to:
  - Address known information gaps, such as surveying any previously inaccessible rooms and assuming that asbestos may be present in other areas not generally accessed by previous survey(s), such as wall and ceiling cavities.
  - Consider directing the Contractor to undertake an independent HAZMAT survey of the work area (may use existing information) that then adds an additional layer of assurance as well as minimising potential Contractor time and cost variations as works progress.
- Ensure that appropriately qualified contractors are engaged to perform any works associated with HAZMAT, including maintenance, repairs and removal works. For removal works, contractors must be licenced and complete the works in accordance with relevant legislation and National Codes of Practice.

Prior to demolition or refurbishment all hazardous materials likely to be disturbed during works should be removed.

5.5 SUSPECT MATERIALS OR FURTHER ADVICE

Should suspect materials be identified that have not been identified within the HAZMAT register, the material should be sampled and analysed for the suspected hazard. If applicable, any associated works with potential to disturb the material are to cease and the area made safe. If in doubt or unsure of any issue involving known, potential or suspect hazardous materials then works should cease and advice by sought from an independent hazardous materials consultant and/or licenced asbestos assessor.

6 LIMITATION STATEMENT

This Report is provided by WSP Australia Pty Limited (*WSP*) for TAFE NSW (*Client*) in response to specific instructions from the Client and in accordance with the agreed contract with the Client dated 15th March 2023 (*Agreement*).

6.1 PERMITTED PURPOSE

This Report is provided by WSP for the purpose of preparation and maintenance of the asbestos and other hazardous building materials registers in accordance with Clause 425 or the *Work Health and Safety Regulation 2017*, as described in the Agreement. No responsibility is accepted by WSP for the use of the Report in whole or in part, for any other purpose (*Permitted Purpose*).

6.2 QUALIFICATIONS AND ASSUMPTIONS

The services undertaken by WSP in preparing this Report were limited to those specifically detailed in the Report and are subject to the scope, qualifications, assumptions and limitations set out in the Report or otherwise communicated to the Client.

Except as otherwise stated in the Report and to the extent that statements, opinions, facts, conclusion and / or recommendations in the Report (*Conclusions*) are based in whole or in part on information provided by the Client and other parties identified in the report (*Information*), those Conclusions are based on assumptions by WSP of the reliability, adequacy, accuracy and completeness of the Information and have not been verified. WSP accepts no responsibility for the Information.

Where the survey identifies that hazardous materials are on Site, the Conclusions are indicative of the presence of hazardous materials and cannot be regarded as absolute without further extensive sampling, outside the scope of the services set out in the Agreement. Site conditions, including the extent and visibility of hazardous materials, can change with time. On all sites, varying degrees of non-uniformity of conditions are encountered and the presence of hazardous materials which are not visually apparent at the time of inspection, may not be detected. No monitoring, common testing or sampling technique provides results that are totally representative of the presence or non-presence of hazardous materials at the Site. Site conditions, including subsurface conditions can change with time due to natural and anthropogenic causes.

Only material that was physically accessible at the time of inspection was sampled. Consequently, not all hazardous material may have been located at the Site. The survey identifying hazardous materials on Site should be reviewed prior to demolition or refurbishment as a more detailed destructive survey may be required prior to demolition or refurbishment works. Care should be taken during normal Site works, refurbishment or demolition works when entering previously inaccessible areas. If suspect material is encountered, works should cease in the area until samples have been collected and analysed by competent personnel.

It is impossible to locate all hazardous materials during an inspection. This is due to such factors as (without limitation):

- Time, budget and constraints requested by the Client
- Access restrictions
- The need to avoid causing physical damage to fixtures or structures on the Site
- The need to minimise hazardous materials exposures to building occupants
- The need to minimise inconvenience when the Site is in use (e.g. occupied) whilst an inspection is being conducted, and / or

– The availability of relevant building / plant construction plans.

Hazardous materials that could be routinely encountered in the normal day-to-day activities occurring on the Site have been identified and assessed, however there is no guarantee that the Site is free of hazardous materials, since future activities may reveal hazardous materials in areas inaccessible or unknown to WSP.

Within the limitations referred to above, the preparation of this Report has been undertaken and performed in a professional manner in accordance with generally accepted practices, using a degree of skill and care ordinarily exercised by reputable consultants. No other warranty, expressed or implied, is made.

WSP has prepared the Report without regard to any special interest of any person other than the Client when undertaking the services described in the Agreement or in preparing the Report.

6.3 USE AND RELIANCE

This Report should be read in its entirety and must not be copied, distributed or referred to in part only. The Report must not be reproduced without the written approval of WSP. WSP will not be responsible for interpretations or conclusions drawn. This Report (or sections of the Report) should not be used beyond the Permitted Purpose as part of a specification or contractor scope of works.

WSP is not (and will not be) obliged to provide an update of this Report to include any event, circumstance, revised Information or any matter coming to WSP's attention after the date of this Report, unless this has been agreed with the Client. The passage of time; manifestations of latent conditions; or the impact of future events (including (without limitation) changes in policy, legislation, guidelines, scientific knowledge; and changes in interpretation of policy by statutory authorities); may require further investigation or subsequent re-evaluation of the Conclusions.

This Report can only be relied upon for the Permitted Purpose and may not be relied upon for any other purpose. The Report does not purport to recommend or induce a decision to make (or not make) any purchase, disposal, investment, divestment, financial commitment or otherwise. It is the responsibility of the Client to accept (if the Client so chooses) the Conclusions and implement any recommendations in an appropriate, suitable and timely manner. WSP does not (and will not) accept liability arising out of or in connection with any health or safety risks associated with hazardous materials.

In the absence of express written consent of WSP, no responsibility is accepted by WSP for the use of the Report in whole or in part by any party other than the Client for any purpose whatsoever. Without the express written consent of WSP, any use which a third party makes of this Report or any reliance on (or decisions to be made) based on this Report is at the sole risk of those third parties without recourse to WSP. Third parties should make their own enquiries, rely on the results of their own site inspections, and / or obtain independent advice in relation to any matter dealt with or conclusions expressed in the Report.

6.4 DISCLAIMER

No warranty, undertaking or guarantee whether expressed or implied, is made with respect to the data reported or the conclusions drawn. To the fullest extent permitted at law, WSP, its related bodies corporate and its officers, employees and agents assumes no responsibility and will not be liable to any third party for, or in relation to any losses, damages or expenses (including any indirect, consequential or punitive losses or damages or any amounts for loss of profit, loss of revenue, loss of opportunity to earn profit, loss of production, loss of contract, increased operational costs, loss of business opportunity, site depredation costs, business interruption or economic loss) of any kind whatsoever, suffered or incurred by a third party.

APPENDIX A

HAZARDOUS MATERIALS REGISTER

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Padstow TAFE Campus																
All Areas																
Throughout																
External	Covered Walkway Awning	Fibre Cement Sheeting - Painted White	Asbestos	J154876-1540-023	Negative	2										
External	Concrete Slabs and Pathways	Bituminous Membrane	Asbestos	220123	Negative	1										
Building A																
All Levels - Throughout																
Various	Fluorescent Light Fitting	New Appearance	PCB		Presumed Negative	4										
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation & Ceiling tiles	SMF		Presumed Positive	5	Throughout	Fair	N/A	Low	P3	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		Water damaged ceiling tiles throughout, insulation within workshop area collapsed in some areas.
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	6	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
A.G.39	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-017	Negative	7										
Ground Level - Interior																
A.G.1	Throughout - Floor	Floor Covering - Vinyl Sheet - Light Grey	Asbestos	Not Sampled	Presumed Negative	8										
A.G.1, 15	Throughout - Floor	Floor Covering - Modern Flexible Sheet Vinyl - Grey	Asbestos		Presumed Negative	9										
A.G.16	Throughout - Floor	Paint - Light Grey	Lead (Paint)	220104	Negative	10										
A.G.21	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	11	1 Unit	Good	No	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
A.G.2, 33	Throughout - Floor	Floor Covering - Vinyl Tiles - Khaki	Asbestos	Similar To: J154876-1540-018	Presumed Negative	12										
A.G.23	Throughout - Floor	Floor Covering - Vinyl Tiles - Khaki	Asbestos	J154876-1540-018	Negative	13										
A.G.31	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	14	1 Unit	Good	No	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
All Rooms	Door Frames	Paint - Grey	Lead (Paint)	220103	Negative	15										

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building B																
All Levels - Throughout																
Various	Fluorescent Light Fitting	New Appearance	PCB		Presumed Negative											
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation & Ceiling tiles	SMF		Presumed Positive	17	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	18	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
B.G.3	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-154-019	Presumed Negative	19										
B.G.23	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-019	Negative	20										
B.G.30	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-154-019	Presumed Negative	21										
Ground Level - Interior																
B.G.2 and 20	Throughout - Floor Covering	Vinyl Tile - Grey	Asbestos		Presumed Negative	22										
B.G.7	Throughout - Floor Covering by Kitchennete	Vinyl Sheet - Blue	Asbestos		Presumed Negative	23										
B.G.12	Throughout - Floor Covering	Vinyl Sheet - Brown	Asbestos		Presumed Negative	24										
B.G.14	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	25	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
B.G.23	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Negative	26	1 Unit	Good	Non Friable	Low	P4	Not Labelled	6/04/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
B.G.24	Throughout - Floor Covering	Vinyl Tiles - Brown	Asbestos	J154876-1540-020	Negative									Removed		
B.G.35	Hot Water Service - Pipe	Cement Sheet Flue	Asbestos		Presumed Positive	27	3 m	Good	Non Friable	Low	P4	Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
B.G.39	Throughout - Floor Covering	Vinyl Tiles - Brown	Asbestos	Similar To: J154876-1540-020	Presumed Negative									Removed		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building C																
All Levels - Throughout																
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation & Ceiling tiles	SMF		Presumed Positive	29	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	30	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various Throughout	Ductwork, Doors and Door Frames	Paint - Cream	Lead (Paint)	220107	Positive	31	100 m	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in good condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Fluorescent Light Fitting	New Appearance	PCB		Presumed Negative											
Ground Level - Exterior																
C.G.31	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-014	Positive	32	50 m²	Good	Non-Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Various	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-014	Presumed Positive	33	100 m²	Good	Non-Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Level 1 - Exterior																
C.1.25	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-014	Presumed Positive	34	10 m²	Good	Non-Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Ground Level - Interior																
C.G.2	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	35	1 Unit/s	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
C.G.11	Throughout - Floor Covering	Vinyl Sheet - Hessian Backed - Blue	Asbestos	Similar To: J154876-1540-015	Presumed Negative	36										
C.G.15,16,17,29	Throughout - Floor Covering	Vinyl Sheet - Grey	Asbestos		Presumed Negative	37										
C.G.18	Throughout - Floor Covering	Vinyl Sheet - Brown	Asbestos		Presumed Negative	38										
C.G.19	Throughout - Floor Covering	Vinyl Sheet - Hessian Backed - Blue	Asbestos	Similar To: J154876-1540-015	Presumed Negative	39										
Level 1 - Interior																
C.1.4	North - Flue	Moulded Cement Flue	Asbestos	Not Sampled Height Restricted	Presumed Positive	40	1 m	Good	Non-Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
C.1.4	Throughout - Floor Covering	Vinyl Tiles - Brown	Asbestos	J154876-1540-016	Negative	41										
C.1.13	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	42	1 Unit/s	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
C.1.28	Throughout - Floor Covering	Vinyl Sheet - Hessian Backed - Blue	Asbestos	J154876-1540-015	Negative	43										
C.G.31	Ductwork Flange Joint	Mastic	Asbestos	220106	Negative	44										

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building D																
All Levels - Throughout																
Various	Throughout - Door Frames	Paint - Grey	Lead (Paint)	220108	Positive	46	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in good condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Fluorescent Light Fitting	Capacitors - New Appearance	PCB		Presumed Negative	47										
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation & Ceiling tiles	SMF		Presumed Positive	48	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	49	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - External																
Various	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-022	Positive	50	40 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Ground Level - Interior																
D.G.15	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-025	Presumed Negative	51										
D.G.16	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-025	Presumed Negative	52										
D.G.21	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	53	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
D.G.25	Throughout - Floor Covering	Vinyl Tiles - Khaki	Asbestos	J154876-1540-024	Negative	54										
D.G.25	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-025	Presumed Negative	55										
D.G.3	Throughout - Floor Covering	Vinyl Tiles - Khaki	Asbestos	Similar To: J154876-1540-024	Presumed Negative	56										
D.G.8	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	J154876-1540-025	Negative	57										

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building E																
All Levels - Throughout																
Various	Fluorescent Light Fittings	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	59	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation & Ceiling tiles	SMF		Presumed Positive	60	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Doors and Door Frames - Paint - Grey	Lead (Paint)	220109	Positive	61	100 m	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
E.G.12	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-003	Presumed Negative	62										
E.G.28	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-003	Presumed Negative	63										
E.G.6	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-003	Presumed Negative	64										
Exterior	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-003	Negative	65										
Ground Level - Interior																
E.G.10	North - Flue	Moulded Cement Flue	Asbestos	J154876-1540-006	Positive	66	1 m	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
E.G.11	Throughout - Floor Covering	Vinyl Tiles - Khaki	Asbestos	Similar To: J154876-1540-005	Presumed Negative	67										
E.G.16	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	68	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
E.G.28	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	69	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
E.G.18	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	J154876-1540-004	Negative	70										
E.G.19	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-004	Presumed Negative	71										
E.G.7	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	J154876-1540-005	Negative	72										
E.G.1-4, 13	Throughout - Floor Covering	Vinyl Tiles - Grey Speckled	Asbestos		Presumed Negative	73										

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building F and Building F1																
All Levels - Throughout																
Various	Fluorescent Light Fittings	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	76	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation, Ceiling tiles, Sarking, Insulation batts	SMF		Presumed Positive	77	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
Various	Throughout - Awning	Fibre Cement Sheet	Asbestos		Presumed Positive	78	Throughout	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Various	Various Throughout - Wall	Fibre Cement Sheet - Red	Asbestos	220111	Negative	79										
Various	Throughout - Door Frames	Door Frames - Paint - Green	Lead (Paint)	220110	Negative	80										
Adjacent F.G.24	Cool Room	Cooling Unit - R134a	ODS		Negative	81	1 Unit	Good	N/A							
Ground Level - Interior																
F.G.3	Throughout - Ceiling	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-001	Presumed Positive	82	1 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
F.G.4	Throughout - Ceiling	Fibre Cement Sheet	Asbestos	J154876-1540-002	Positive	83	15 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
F.G.5	Throughout - Ceiling	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-001	Presumed Positive	84	1 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
F.G.9	Throughout - Ceiling	Fibre Cement Sheet	Asbestos	J154876-1540-001	Positive	85	1 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
F.G.9	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	86	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
F.G.19	Throughout - Floor Covering	Vinyl Sheet - Grey	Asbestos		Presumed Negative	87	15 m²	Good	Non Friable	Low	P4	Not Labelled				
F.G.19	South Exit	Fire Doors - Core Insulation	Asbestos		Presumed Positive	88	12 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building G																
All Levels - Throughout																
Various	Fluorescent Light Fittings	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	90	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	SMF items were observed within this building, these include but are not limited to; Hot water heater Pipework insulation, Ceiling tiles, Sarking, Insulation batts	SMF		Presumed Positive	91	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Expansion Joints - Mastic - Grey	Asbestos	220112	Negative	92										
Various	Throughout	Door Frames - Paint - Grey	Lead (Paint)	220114	Positive	93	150 m²	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Doors, Door Frames, Drainage Pipes - Paint- Green	Lead (Paint)	22015	Negative	94										
Ground Level - Exterior																
G.G.53	Central Paritition Wall	Fibre Cement Sheet	Asbestos	J154876-1540-007	Negative	95										
G.G.53	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-006	Negative	96										
Ground Level - Interior																
G.G.13	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	97								Under Carpet		
G.G.18	Entrance - Floor Covering	Vinyl Tiles - Green	Asbestos	J154876-1540-009	Negative	98										
G.G.26	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	99	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
G.G.34	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	100										
G.G.1,2,3,18	Throughout - Floor Covering	Vinyl Tile - Grey	Asbestos		Presumed Negative	101										
G.G. 33	Electrical Distribution Board	Electrical Components	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	102	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
G.G.42,49a	Electrical Distribution Board	Electrical Components	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	103	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Level 1 - Interior																
G.1.10	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	104										
G.1.19	Entrance - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	105										
G.1.25	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	106	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
G.1.27	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	107										
G.1.1-32, 33	Throughout - Floor Covering	Vinyl Tiles - Grey	Asbestos		Presumed Negative	108										
G.1.28	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	109										
G.1.29	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	110										
G.1.3	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	111										
G.1.4	Throughout - Floor Covering	Vinyl Tiles - Green	Asbestos	Similar To: J154876-1540-009	Presumed Negative	112										
G.1.31	- Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	113	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building H																
Throughout																
Various	Fluorescent Light Fitting -	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Various Rooms Insulation - Insulation Material - SMF items were observed within this building, these include but are not limited to; Ceiling tiles Hot water & Pipework insulation	SMF		Presumed Positive		Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	115	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Door Frames - Paint - Grey	Lead (Paint)		Presumed Positive	116								Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Level 1 - Exterior																
H.1.19	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154876-1540-013	Negative	117										
Ground Level - Interior																
H.G.16	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	118	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
H.G.6	Throughout - Floor Covering	Vinyl Tiles - Blue	Asbestos	J154876-1540-012	Negative	119										
H.G.3,4	Throughout - Floor Covering	Vinyl Sheet - Blue	Asbestos		Presumed Negative	120										
H.G.7	Throughout - Floor Covering	Vinyl Sheet - Grey	Asbestos		Presumed Negative	121										
H.G.13,14,17	Various Throughout - Walls	Heater - Internal Components	Asbestos	Not Sampled Live Electrical Hazard	Presumed Positive	122	3 Units	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Level 1 - Interior																
H.1.15	Electrical Distribution Board	Compressed Bituminous Electrical Panel	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	123	1 Unit	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
H.1.5	Throughout - Floor Covering	Vinyl Tiles - Blue	Asbestos	Similar To: J154876-1540-012	Presumed Negative	124										
H.1.6	Throughout - Floor Covering	Vinyl Tiles - Blue	Asbestos	Similar To: J154876-1540-012	Presumed Negative	125										
H.1.7, 15, 18	Throughout - Floor Covering	Vinyl Sheet - Blue	Asbestos		Presumed Negative	126										

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building J																
Throughout																
Various	Fluorescent Light Fitting -	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Various Rooms Insulation - Insulation Material - SMF items were observed within this building, these include but are not limited to; Ceiling tiles Hot water & Pipework insulation	SMF		Presumed Positive		Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Door Frames - Paint - Green	Lead (Paint)	220117	Negative	128										
Ground Level - Exterior																
Various	Throughout	Air Conditioning Units - R32	ODS		Presumed Negative	129	10 Unit									
J.G.41	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154879-1540-10	Presumed Negative	130										
J.G.46	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154879-1540-010	Negative	131										
Ground Level - Interior																
J.G.3a	- Electrical Distribution Board	Internal Components	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	132	1 Units	Good	N/A	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building K																
Throughout																
Various	Fluorescent Light Fitting -	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Surrounding A/C Units - Identification Plate not sited	ODS		Presumed Positive	134	Throughout	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Various	Throughout	Paint	Lead (Paint)		Presumed Positive	135								Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
K.G.6	Throughout - Awning	Fibre Cement Sheet	Asbestos	J154879-1540-011	Presumed Negative	136										
Various	Throughout - Awning	Fibre Cement Sheet	Asbestos	Similar To: J154879-1540-11	Negative	137										
Building L																
Throughout																
Various	Fluorescent Light Fitting -	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Paint	Lead (Paint)		Presumed Positive	139								Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Building M																
Throughout																
Various	Fluorescent Light Fitting -	Capacitor - New Appearance	PCB		Presumed Negative											
Various	Throughout	Paint	Lead (Paint)		Presumed Positive									Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Grond Level - Exterior																
Various	Throughout - Awning	Fibre Cement Sheeting	Asbestos	J154876-1540-021	Positive	141	15 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
West	Throughout	Air Conditioning Units - R407c	ODS		Negative	142	1 Unit									
West	Electrical Distribution Board	Plastic Electrical Board	Asbestos		Negative	143										
Ground Level - Interior																
M.G.1	Throughout - Ceiling Lining	Fibre Cement Sheet	Asbestos	Similar To: J154876-1540-021	Presumed Positive	144	25 m²	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		

Room	Location	Description of Hazardous Material	Hazard Type	Sample No.	Item Status	Photo No.	Quantity (m, m2, m3)	Condition (Poor, Fair, Good)	Friability (Yes / No)	Dist. Potential (Low, Medium, High)	Risk Rating (Low, Medium, High)	Current Label	Reinspect Date (DD/MM/YYYY)	Consultant Comments	Remediation Date (where applicable)	Remediation Comments
Building N																
Throughout																
Various	Throughout	Doors and Door Frames - Paint - Grey	Lead (Paint)	Similar To: 220114	Positive	146	15 m²	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Ground Level - Exterior																
South	Electrical Distribution Board	Timber Electrical Board	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Negative	147										
Ground Level - Interior																
Various	Throughout - Light Switches	Internal Insulation	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	148	2 Units	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Various	Throughout - Light Fittings	Internal Components	Asbestos	Not Sampled - Live Electrical Hazard	Presumed Positive	149	4 Units	Good	Non Friable	Low	P4	Not Labelled	15/06/2028	Maintain in current condition, label and incorporate into a HMMP. Remove by licensed asbestos contractor prior to demolition or refurbishment.		
Various	Throughout - Light Fittings	Capacitors	PCB	Not Sampled - Live Electrical Hazard	Presumed Positive	150	4 Units	Good	N/A	Low	P4	N/A	15/06/2028	Maintain in current condition and incorporate into a HMMP. Remove under controlled conditions prior to demolition or refurbishment.		
Building T																
Throughout																
Various	Throughout	bus Materials were identified due to age of t	All		Presumed Negative											
Building U																
Throughout																
Various	Throughout	bus Materials were identified due to age of t	All		Presumed Negative											

APPENDIX B

FLOOR PLAN

APPENDIX C

PHOTOGRAPHS

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 1: Concrete Slabs and Pathways - Bituminous Membrane	Photo 2: Throughout – Awnings – Fibre Cement Sheet – Painted White
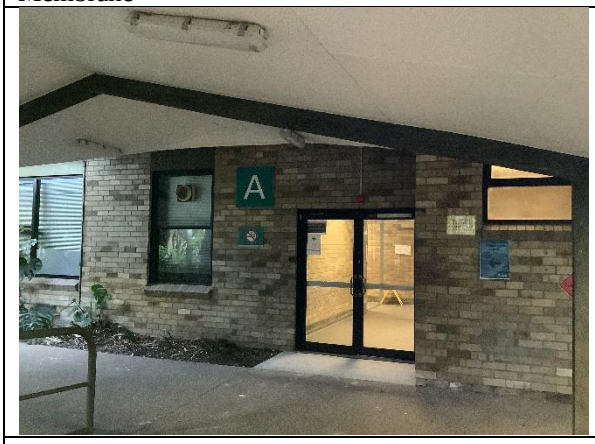	
Photo 3: Building A	Photo 4: Building A – Throughout – Fluorescent Light Fitting – New Appearance
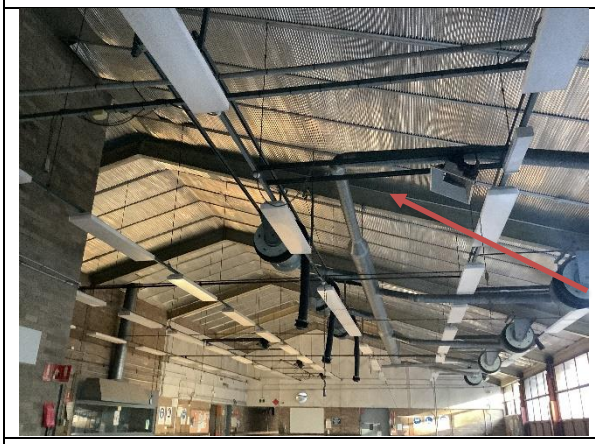	
Photo 5: Building A – Throughout – SMF Insulation	Photo 6: Building A – Throughout – A/C Units

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

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Photo 7: Building A – Throughout – Awnings – Fibre Cement Sheet – Painted White

Photo 8: Building A – A.G.1 – Throughout – Floor – Floor Covering – Vinyl Sheet- Light Grey

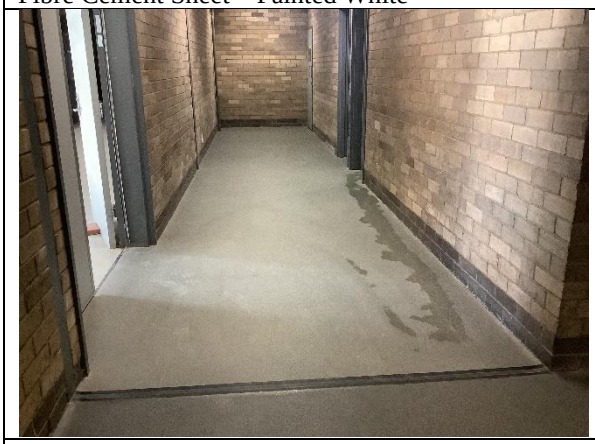

Photo 9: Building A – A.G.1-15 – Throughout – Floor – Floor Covering – Vinyl Sheet - Light

Photo 10: Building A – A.G.16 - Throughout – Floor – Paint – Light Grey

Photo 11: Building A – A.G.21 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 12: Building A – A.G.2,33 – Throughout – Floor Covering – Vinyl Tiles - Khaki

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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Photo 13: Building A – A.G.33 – Throughout – Floor Covering – Vinyl Tiles - Khaki	Photo 14: Building A – A.G.31 – Electrical Distribution Board – Compressed Bituminous Electrical Panel
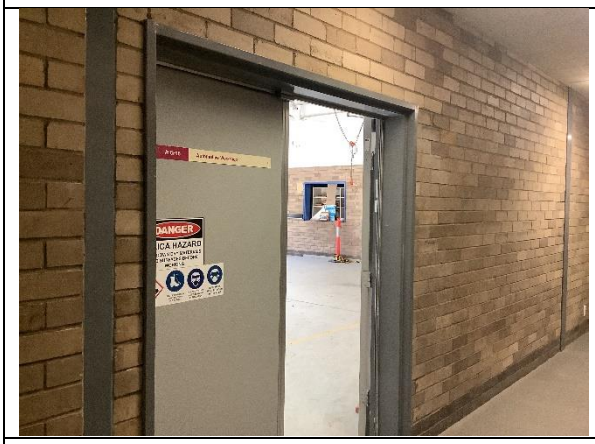	
Photo 15: Building A – All Rooms – Door Frames - Paint - Grey	Photo 16: Building B
	
Photo 17: Building B – Throughout – SMF insulation	Photo 18: Building B – Throughout – A/C Units

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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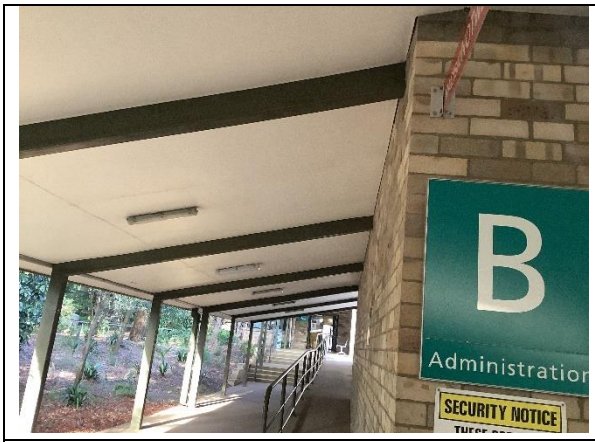

Photo 19: Building B – B.G.3 – Throughout – Awning – Fibre Cement Sheet

Photo 20: Building B – B.G.23 – Throughout – Awning – Fibre Cement Sheet

Photo 21: Building B – B.G.30 – Throughout – Awning – Fibre Cement Sheet

Photo 22: Building B – B.G.2 and 20 – Throughout – Floor Covering – Vinyl Tile - Grey

Photo 23: Building B – B.G.7 – Throughout – Floor Covering – Vinyl Sheet - Blue

Photo 24: Building B – B.G.12 – Throughout – Floor Covering – Vinyl Sheet - Brown

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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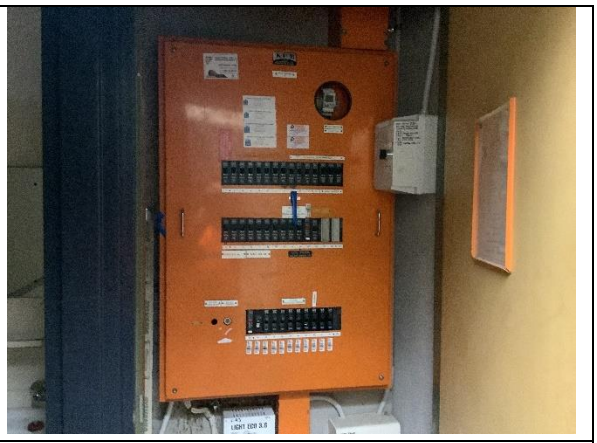
	
Photo 25: Building B – B.G.14 – Electrical Distribution Board – Compressed Bituminous Electrical Panel	Photo 26: Building B – B.G.23 – Electrical Distribution Board – Compressed Bituminous Electrical Panel
	
Photo 27: Building B – B.G.35 – Hot Water Service – Pipe – Cement Sheet Flue	Photo 28: Building C
	
Photo 29: Building C – Throughout – SMF Insulation	Photo 30: Building C – Throughout – A/C Units

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

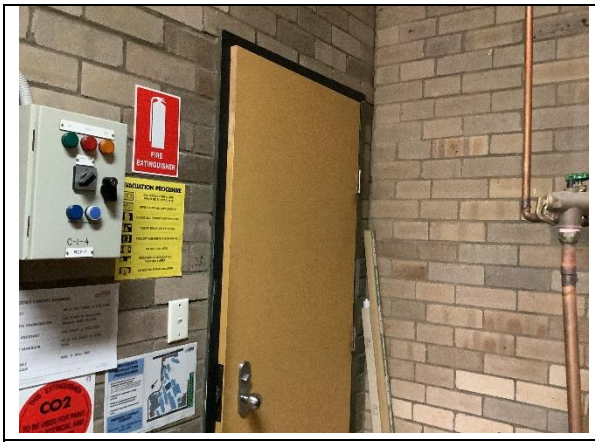


Photo 31: Building C – Throughout – Ductwork, Doors and Door Frames – Paint - Cream	Photo 32: Building C – C.G.31 – Throughout – Awning – Fibre Cement Sheet

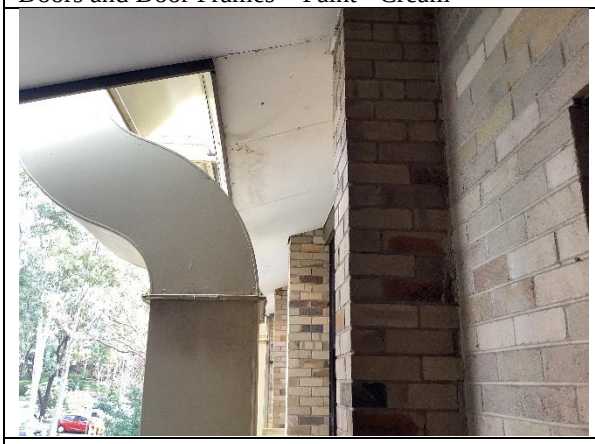
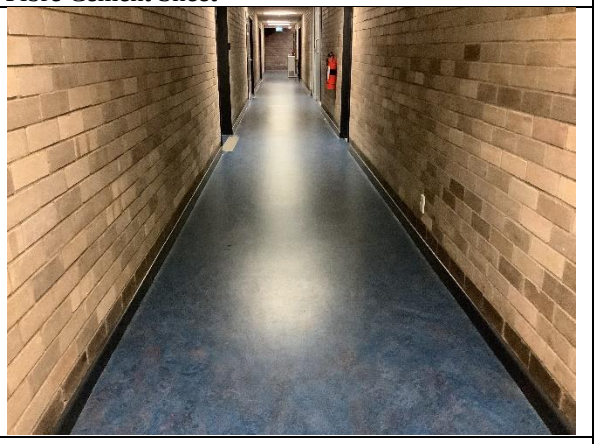



Photo 33: Building C – Various – Throughout – Awning – Fibre Cement Sheet	Photo 34: Building C – Throughout – Awning – Fibre Cement Sheet
	
Photo 35: Building C – C.G.2 – Electrical Distribution Board – Compressed Bituminous Electrical Panel	Photo 36: Building C – C.G.11 – Throughout – Floor Covering – Vinyl Sheet – Hessian Backed - Blue

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

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Photo 37: Building C – C.G.15,16,17,29 – Throughout – Floor Covering – Vinyl Sheet - Grey

Photo 38: Building C – C.G.18 – Throughout – Floor Covering – Vinyl Sheet - Brown

Photo 39: Building C – C.G.19 – Throughout – Floor Covering – Vinyl Sheet – Hessian Backed - Blue

Photo 40: Building C – C.1.4 – North – Flue – Moulded Cement Flue

Photo 41: Building C – C.1.4 - Throughout – Floor Covering – Vinyl Tiles - Brown

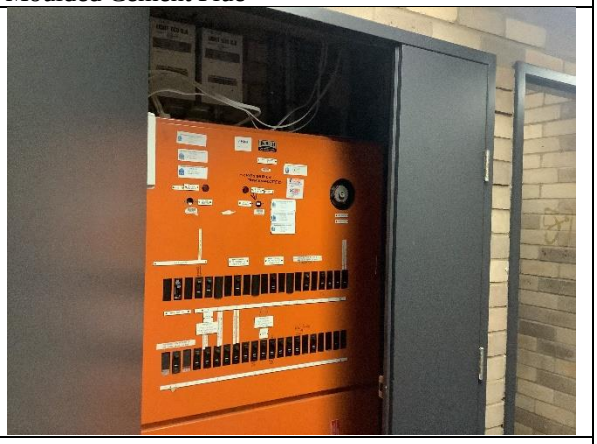

Photo 42: Building C – C.1.13 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

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Photo 43: Building C – C.1.28 – Throughout – Floor Covering – Vinyl Sheet – Hessian Backed - Blue	Photo 44: Building C – C.G.31 – Ductwork Flange Joint - Mastic
	
Photo 45: Building D	Photo 46: Building D – Throughout – Door Frames – Paint - Grey
	
Photo 47: Building D – Fluorescent Light Fittings – Capacitors – New Appearance	Photo 48: Building D – Throughout – SMF Insulation

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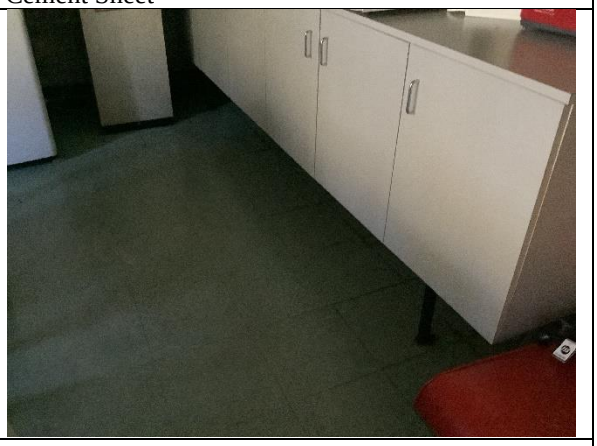
Photo 49: Building D – Throughout – A/C Units	Photo 50: Building D – Throughout – Awning- Fibre Cement Sheet
	
Photo 51: Building D – D.G.15 – Throughout – Floor Covering – Vinyl Tiles - Green	Photo 52: Building D – D.G.16 – Throughout – Floor Covering – Vinyl Tiles - Green
	
Photo 53: Building D – D.G.21 – Electrical Distribution Board – Compressed Bituminous Electrical Panel	Photo 54: Building D – D.G.25 – Throughout – Floor Covering – Vinyl Tiles - Khaki

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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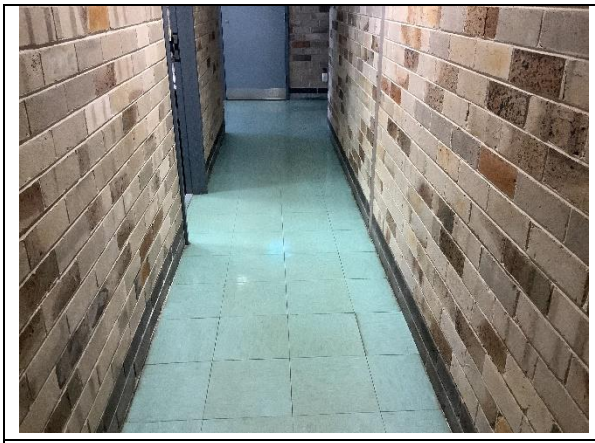	
Photo 55: Building D – D.G.25 – Throughout – Floor Covering – Vinyl Tiles - Green	Photo 56: Building D – D.G.3 – Throughout – Floor Covering – Vinyl Tiles - Khaki
	
Photo 57: Building D – D.G.8 – Throughout – Floor Covering – Vinyl Tiles - Green	Photo 58: Building E
	
Photo 59: Building E – Throughout - A/C Units	Photo 60: Building E – SMF Insulation

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

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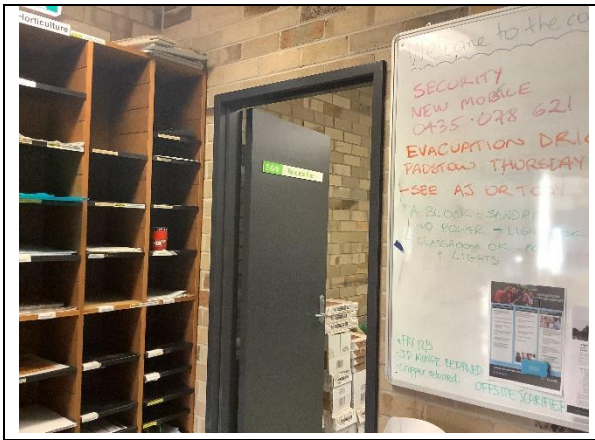
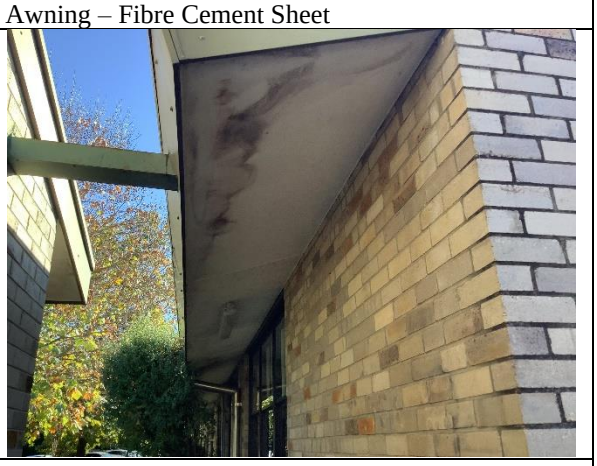


Photo 61: Building E – Throughout – Doors and door frames – Paint - Grey	Photo 62: Building E – E.G.12 – Throughout Awning – Fibre Cement Sheet
	
Photo 63: Building E – E.G.28 – Throughout Awning – Fibre Cement Sheet	Photo 64: Building E – E.G.6 – Throughout Awning – Fibre Cement Sheet
	
Photo 65: Building E – Exterior – Throughout Awning – Fibre Cement Sheet	Photo 66: Building E – E.G.10 – North – Flue – Moulded Cement Flue

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 67: Building E – E.G.11 – Throughout – Floor Covering – Vinyl Tiles - Khaki

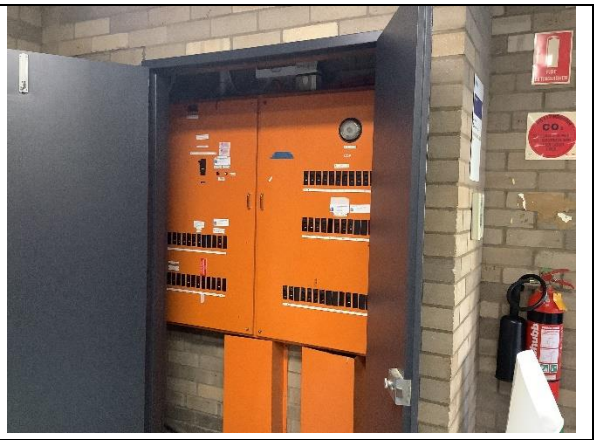


Photo 68: Building E – E.G.16 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

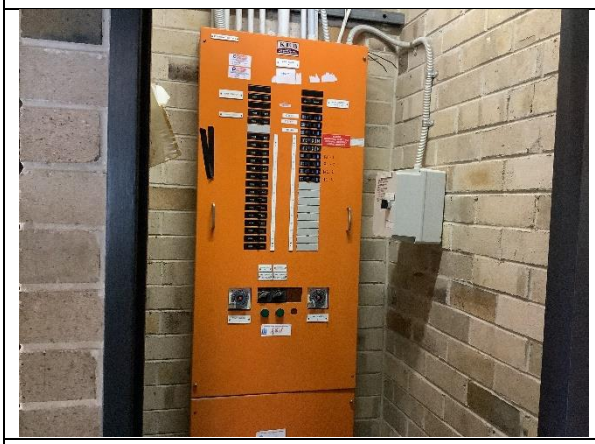


Photo 69: Building E – E.G.28 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

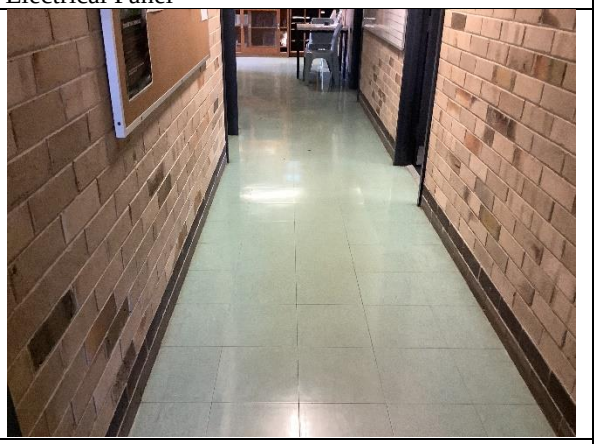


Photo 70: Building E – E.G.18 – Throughout – Floor Covering – Vinyl Tiles – Green

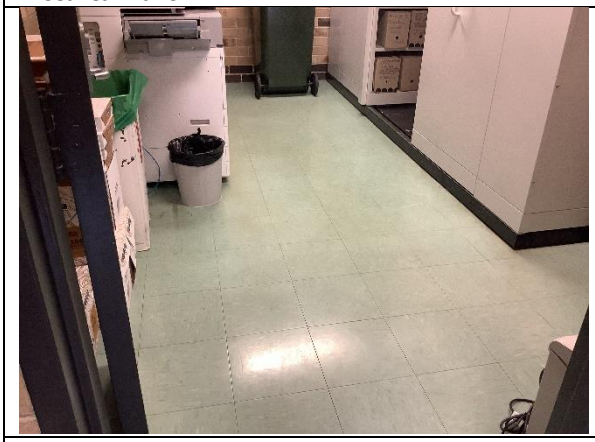


Photo 71: Building E – E.G.19 – Throughout – Floor Covering – Vinyl Tiles – Green

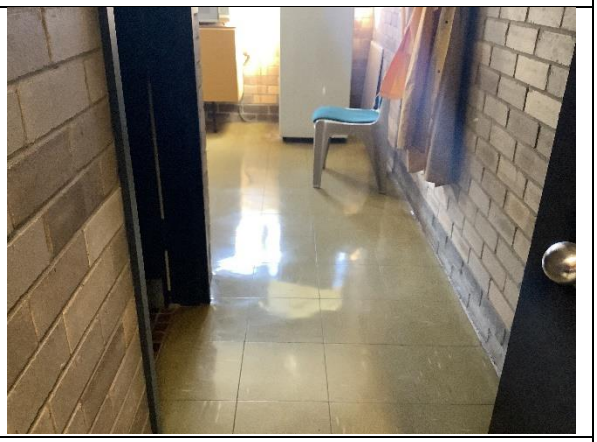


Photo 72: Building E – E.G.7 – Throughout – Floor Covering – Vinyl Tiles – Green

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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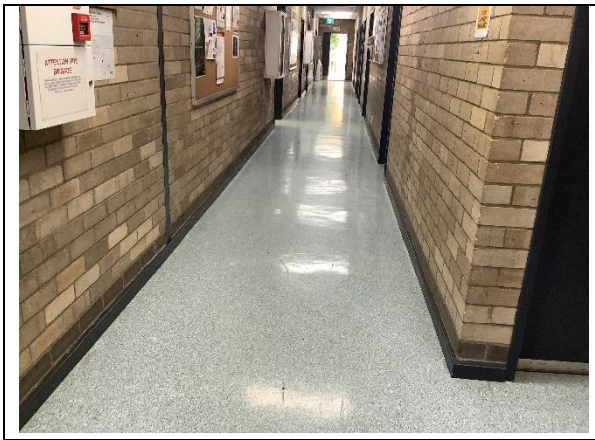	
Photo 73: Building E – E.G.1-4,13– Throughout – Floor Covering – Vinyl Tiles – Grey Speckled	Photo 74: Building F
	
Photo 75: Building F1	Photo 76: Building F – Throughout – A/C Units
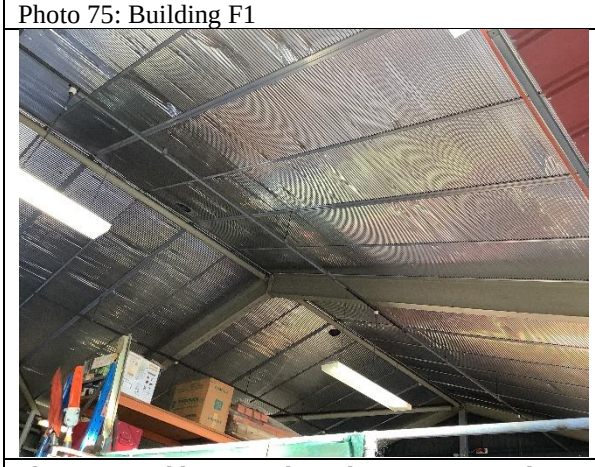	
Photo 77: Building F – Throughout – SMF insulation	Photo 78: Building F – Throughout - Awning – Fibre Cement Sheet

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
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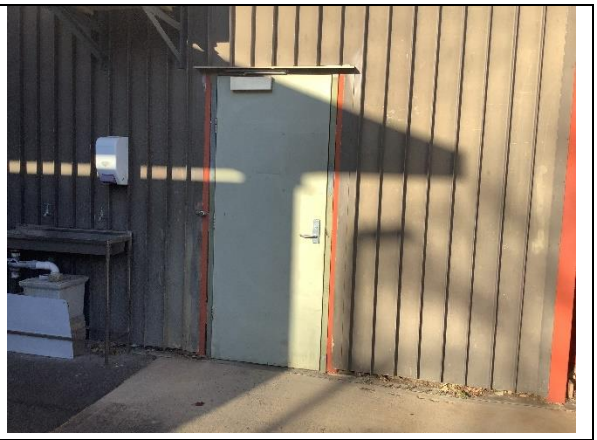
	
Photo 79: Building F – Various Throughout – Fibre Cement Sheet – Painted Red	Photo 80: Building F – Throughout – Door Frames – Paint - Green
	
Photo 81: Building F – Adjacent F.G.24 – Cool Room – Cooling Unit – R134a	Photo 82: Building F – F.G.3 – Throughout - Ceiling – Fibre Cement Sheet
	
Photo 83: Building F – F.G.4 – Throughout - Ceiling – Fibre Cement Sheet	Photo 84: Building F – F.G.5 – Throughout - Ceiling – Fibre Cement Sheet

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 85: Building F – F.G.9 – Throughout - Ceiling – Fibre Cement Sheet	Photo 86: Building F – F.G.9 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

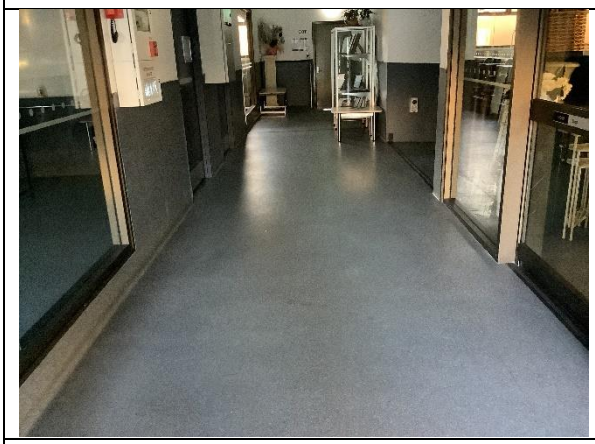
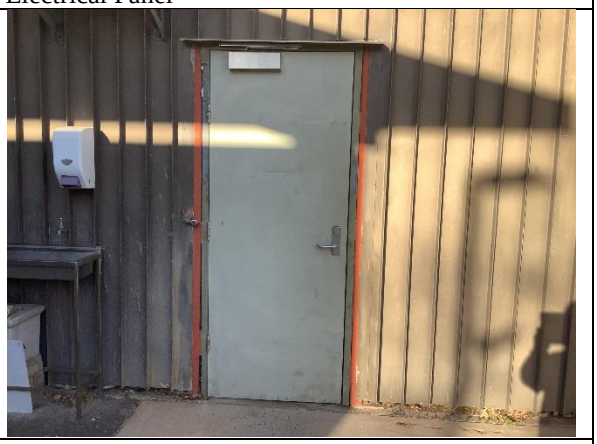
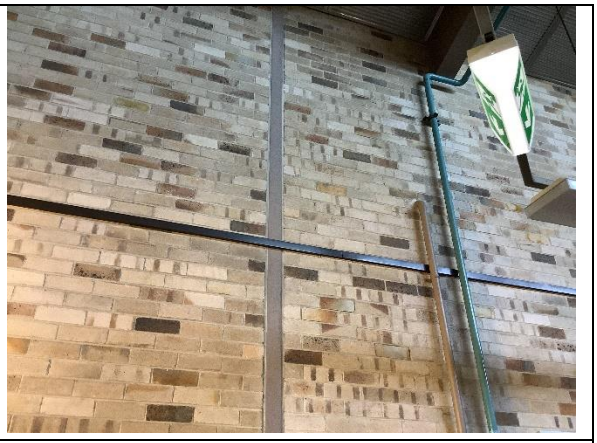

	

Photo 87: Building F – F.G.19 – Throughout – Floor Covering – Vinyl Sheet - Grey	Photo 88: Building F – F.G.19 – South Exit – Fire Door – Core Insulation
	
Photo 89: Building G	Photo 90: Building G – Throughout - A/C Units

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 91: Building G – Throughout – SMF insulation	Photo 92: Building G – Throughout – Expansion Joints – Mastic - Grey

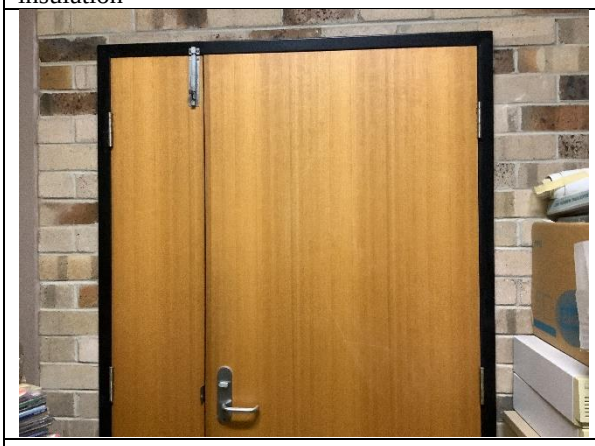
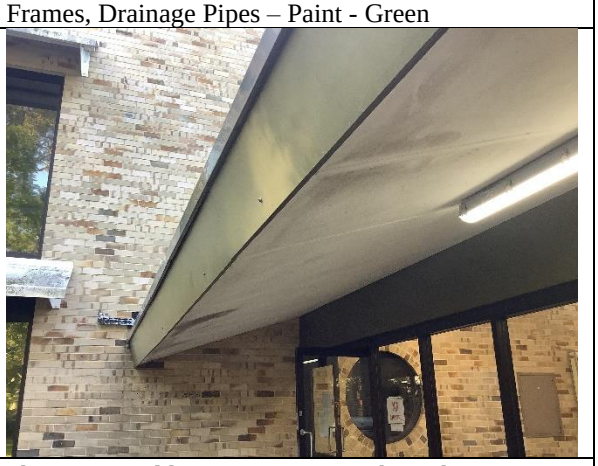



Photo 93: Building G – Throughout – Door Frames – Paint- Grey	Photo 94: Building G – Throughout – Doors, Door Frames, Drainage Pipes – Paint - Green
	
Photo 95: Building G – G.G.53 - Central Partition Wall – Fibre Cement Sheet	Photo 96: Building G – G.G.53 - Throughout – Awning Fibre Cement Sheet

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 97: Building G – G.G.13 – Throughout – Floor Covering – Vinyl Tiles - Green

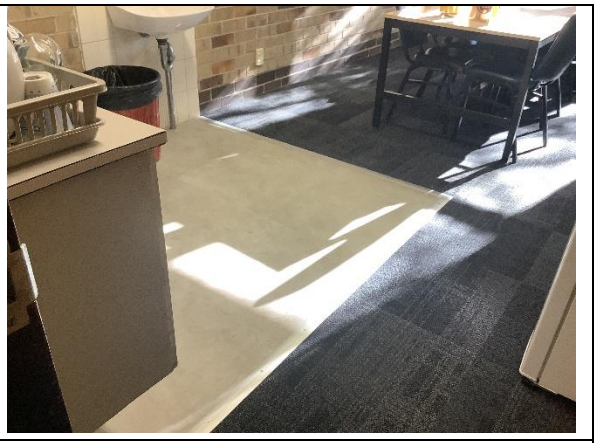


Photo 98: Building G – Entrance – Floor Covering – Vinyl Tiles - Green

Photo 99: Building G – G.G.26 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 100: Building G – G.G.34 – Throughout – Floor Covering – Vinyl Tiles - Green

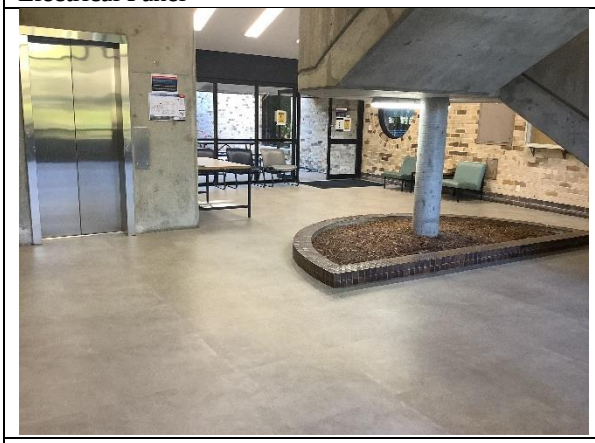


Photo 101: Building G – G.G.1,2,3,18 – Throughout – Floor Covering – Vinyl Tiles - Grey

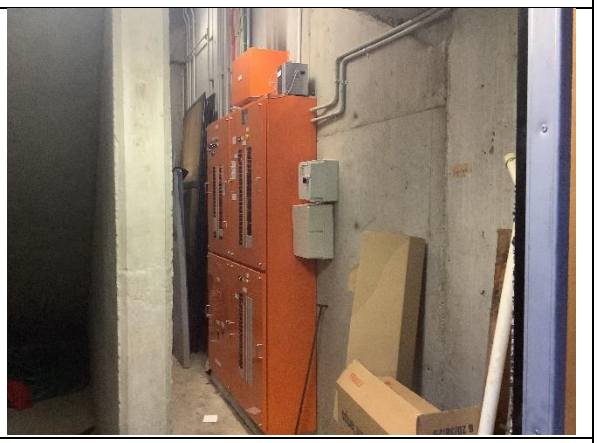


Photo 102: Building G – G.G.33 – Electrical Distribution Board – Electrical Components

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 103: Building Building G – G.G.42,49a – Electrical Distribution Board – Electrical Components

Photo 104: Building G – G.1.10 – Throughout – Floor Covering – Vinyl Tiles - Green

Photo 105: Building G – G.1.19 – Entrance – Floor Covering – Vinyl Tiles - Green

Photo 106: Building G – G.1.25 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 107: Building G – G.1.27 – Throughout – Floor Covering – Vinyl Tiles - Green

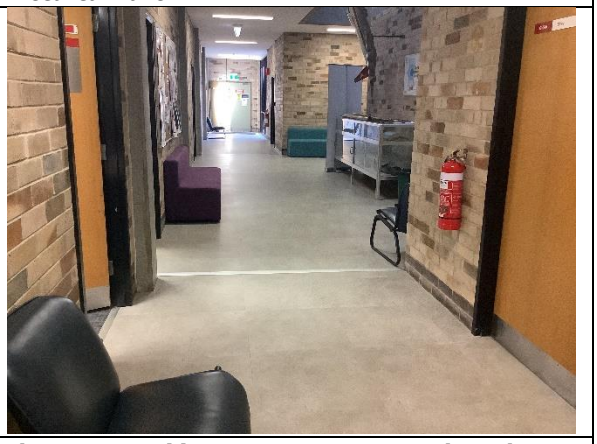


Photo 108: Building G – G.1.1-32,33 – Throughout – Floor Covering – Vinyl Tiles - Grey

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

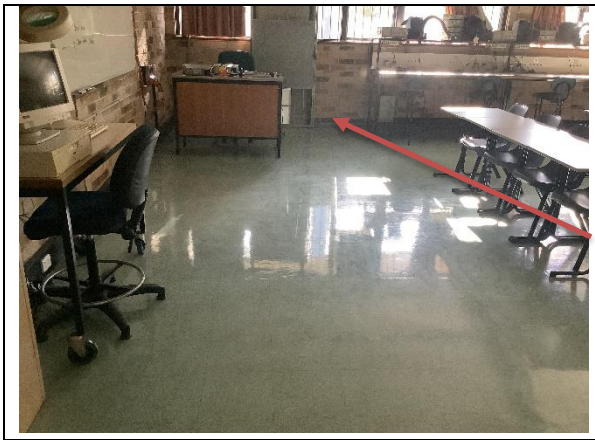


Photo 109: Building G – G.1.28 – Throughout – Floor Covering – Vinyl Tiles - Grey

Photo 110: Building G – G.1.29 – Throughout – Floor Covering – Vinyl Tiles - Grey

Photo 111: Building G – G.1.3 – Throughout – Floor Covering – Vinyl Tiles - Grey

Photo 112: Building G – G.1.4 – Throughout – Floor Covering – Vinyl Tiles - Grey

Photo 113: Building G – G.1.31 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 114: Building H

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 115: Building H – Throughout – A/C Units

Photo 116: Building H – Throughout – Door Frames

Photo 117: Building H – H.1.19 – Throughout – Awning – Fibre Cement Sheet

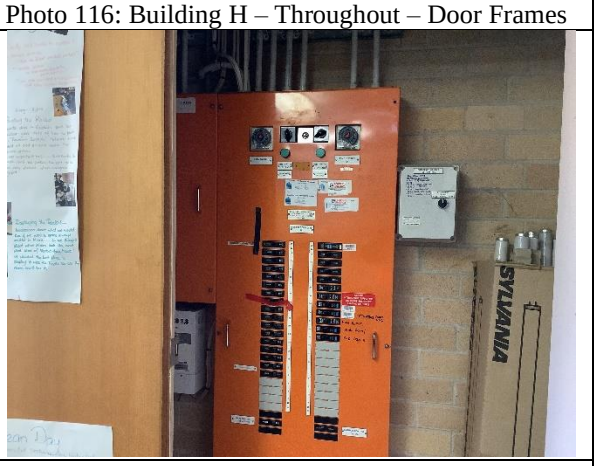


Photo 118: Building H – H.G.16 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 119: Building H – H.G.6 – Throughout – Floor Covering – Vinyl Tiles – Blue

Photo 120: Building H – H.G.3,4 – Throughout – Floor Covering – Vinyl Sheet - Blue

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 121: Building H – H.G.7 – Throughout – Floor Covering – Vinyl Sheet - Blue

Photo 122: Building H – H.G.13,14,17 – Various Throughout – Walls – Heater – Internal Components

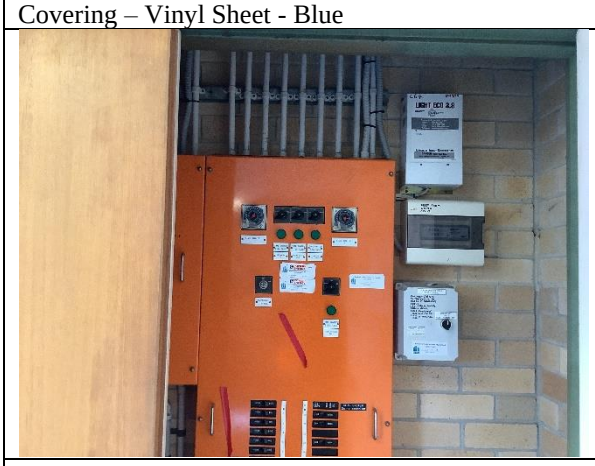


Photo 123: Building H - H.1.15 – Electrical Distribution Board – Compressed Bituminous Electrical Panel

Photo 124: Building H – H.1.5 – Throughout – Floor Covering – Vinyl Tiles - Blue

Photo 125: Building H – H.1.6 – Throughout – Floor Covering – Vinyl Tiles - Blue

Photo 126: Building H – H.1.7,15,18 – Throughout – Floor Covering – Vinyl Tiles - Blue

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

Photo 127: Building J

Photo 128: Building J – Various – Throughout – Door Frames – Paint - Green

Photo 129: Building J – Throughout – Air Conditioning Units – R32

Photo 130: Building J – J.G.41 – Throughout – Awning – Fibre Cement Sheet

Photo 131: Building J – J.G.46 – Throughout – Awning – Fibre Cement Sheet

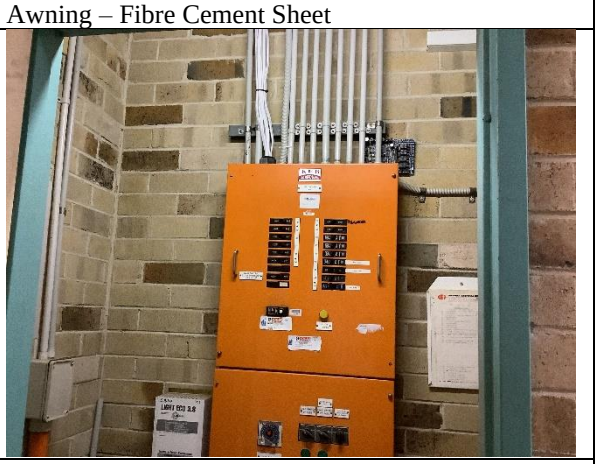


Photo 132: Building J – J.G.3a – Electrical Distribution Board – Internal Components

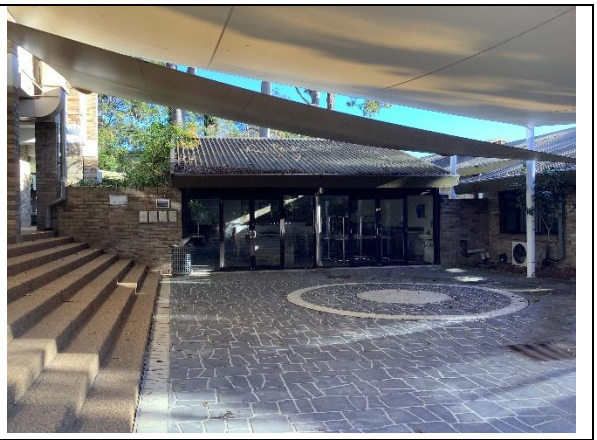
	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 133: Building K	Photo 134: Building K – Various – Throughout – A/C Units
	
Photo 135: Building K – Throughout – Paint - Green	Photo 136: Building K – K.G.6 – Throughout – Awning – Fibre Cement Sheet
	
Photo 137: Building K – Various – Throughout – Awning – Fibre Cement Sheet	Photo 138: Building L

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 139: Building L – Doors – Paint - Green	Photo 140: Building M
	
Photo 141: Building M – Various – Throughout – Awning – Fibre Cement Sheet	Photo 142: Building M – West – Throughout – Air Conditioning Units – R407c
	
Photo 143: Building M – West – Electrical Distribution Board – Plastic Electrical Board	Photo 144: Building M – M.G.1 – Throughout – Ceiling Lining – Fibre Cement Sheet

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 145: Building N	Photo 146: Building N – Various – Throughout – Doors and Door Frames – Paint - Grey

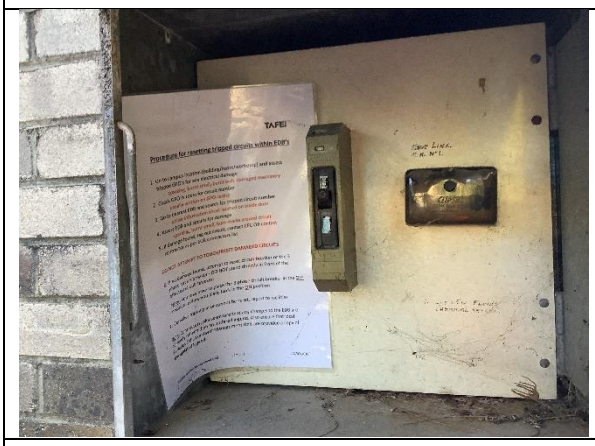
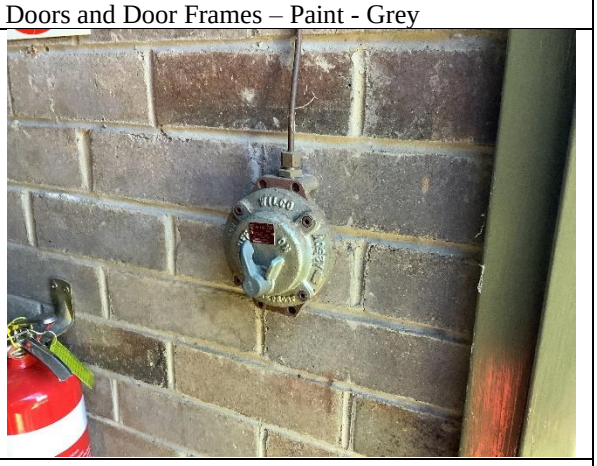

	

Photo 147: Building N – South – Electrical Distribution Board – Timber Electrical Board	Photo 148: Building N – Various – Throughout – Light Switches – Internal Insulation

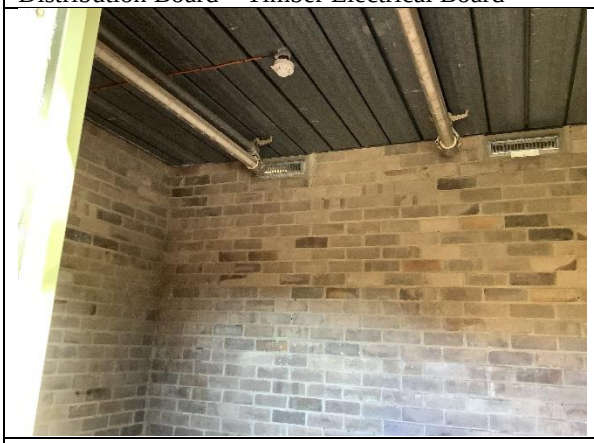



Photo 149: Building N – Various – Throughout – Light Fittings – Internal Components	Photo 150: Building N – Various – Throughout – Light Fittings – Capacitors

	PHOTOGRAPHIC LOG **Hazardous Materials Resurvey**

Property Name	**Project No.**
Padstow TAFE – Raine Rd, Padstow NSW 2211	PS137337

	
Photo 151: Building T	Photo 152: Building U

APPENDIX D

CERTIFICATES OF ANALYSIS

Greencap VIC P/L
Level 1, 677 High St
Kew East
VIC 3102

NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

Attention: **Jordan Tran**

Report **1001036-S**
Project name PS137337-103 PADSTOW
Project ID S137337
Received Date Jun 21, 2023

Client Sample ID			**220103 - PAINT - GREY/WHITE**	**220104 - PAINT - GREY**	**220105 - PAINT - GREY/TEAL**	**220107 - PAINT - CREAM/GREEN**
Sample Matrix			**Paint**	**Paint**	**Paint**	**Paint**
Eurofins Sample No.			**M23-Jn0048069**	**M23-Jn0048070**	**M23-Jn0048071**	**M23-Jn0048072**
Date Sampled			**Jun 13, 2023**	**Jun 13, 2023**	**Jun 13, 2023**	**Jun 13, 2023**
Test/Reference	LOR	Unit				
Lead (% w/w)	0.01	%	0.08	0.04	< 0.01	0.23

Client Sample ID			**220108 - PAINT - GREY/RED**	**220109 - PAINT - GREY/RED/GREEN**	**220110 - PAINT - GREEN/GREY**	**220114 - PAINT - BLACK/RED**
Sample Matrix			**Paint**	**Paint**	**Paint**	**Paint**
Eurofins Sample No.			**M23-Jn0048073**	**M23-Jn0048074**	**M23-Jn0048075**	**M23-Jn0048076**
Date Sampled			**Jun 14, 2023**	**Jun 14, 2023**	**Jun 14, 2023**	**Jun 14, 2023**
Test/Reference	LOR	Unit				
Lead (% w/w)	0.01	%	0.21	0.13	< 0.01	0.10

Client Sample ID			**220115 - PAINT - GREEN/PINK**	**220117 - PAINT - GREEN/RED**
Sample Matrix			**Paint**	**Paint**
Eurofins Sample No.			**M23-Jn0048077**	**M23-Jn0048078**
Date Sampled			**Jun 14, 2023**	**Jun 15, 2023**
Test/Reference	LOR	Unit		
Lead (% w/w)	0.01	%	< 0.01	0.08

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Lead (% w/w)	Melbourne	Jun 21, 2023	6 Months

- Method: LTM-MET-3040 Metals by ICP-MS

eurofins

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email: EnviroSales@eurofins.com

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NATA# 1261 Site# 1254

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NATA# 1261 Site# 25403

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Girraween
NSW 2145
Tel: +61 2 9900 8400
NATA# 1261 Site# 18217

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NATA# 1261 Site# 25466

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IANZ# 1327

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Christchurch 7675
Tel: +64 3 343 5201
IANZ# 1290

Company Name: Greencap VIC P/L
Address: Level 1, 677 High St
Kew East
VIC 3102

Project Name: PS137337-103 PADSTOW
Project ID: S137337

Order No.: PS137337-103 PADSTOW
Report #: 1001036
Phone: 9890 8811
Fax: 9890 8911

Received: Jun 21, 2023 5:29 PM
Due: Jun 28, 2023
Priority: 5 Day
Contact Name: Jordan Tran

Eurofins Analytical Services Manager : Michael Morrison

Sample Detail						Lead (% w/w)
Melbourne Laboratory - NATA # 1261 Site # 1254						X
External Laboratory						
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**	
1	220103 - PAINT - GREY/WHITE	Jun 13, 2023		Paint	M23-Jn0048069	X
2	220104 - PAINT - GREY	Jun 13, 2023		Paint	M23-Jn0048070	X
3	220105 - PAINT - GREY/TEAL	Jun 13, 2023		Paint	M23-Jn0048071	X
4	220107 - PAINT - CREAM/GREEN	Jun 13, 2023		Paint	M23-Jn0048072	X
5	220108 - PAINT - GREY/RED	Jun 14, 2023		Paint	M23-Jn0048073	X
6	220109 - PAINT -	Jun 14, 2023		Paint	M23-Jn0048074	X

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web: www.eurofins.com.au
email: EnviroSales@eurofins.com

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Tel: +61 2 9900 8400
NATA# 1261 Site# 18217

Canberra
Unit 1,2 Dacre Street
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ACT 2911
Tel: +61 2 6113 8091
NATA# 1261 Site# 25466

Brisbane
1/21 Smallwood Place
Murarrie
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Newcastle
1/2 Frost Drive
Mayfield West NSW 2304
Tel: +61 2 4968 8448
NATA# 1261
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Christchurch 7675
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IANZ# 1290

Company Name: Greencap VIC P/L
Address: Level 1, 677 High St
Kew East
VIC 3102

Project Name: PS137337-103 PADSTOW
Project ID: S137337

Order No.: PS137337-103 PADSTOW
Report #: 1001036
Phone: 9890 8811
Fax: 9890 8911

Received: Jun 21, 2023 5:29 PM
Due: Jun 28, 2023
Priority: 5 Day
Contact Name: Jordan Tran

Eurofins Analytical Services Manager : Michael Morrison

Sample Detail						Lead (% w/w)
Melbourne Laboratory - NATA # 1261 Site # 1254						X
	GREY/RED/GREEN					
7	220110 - PAINT - GREEN/GREY	Jun 14, 2023		Paint	M23-Jn0048075	X
8	220114 - PAINT - BLACK/RED	Jun 14, 2023		Paint	M23-Jn0048076	X
9	220115 - PAINT - GREEN/PINK	Jun 14, 2023		Paint	M23-Jn0048077	X
10	220117 - PAINT - GREEN/RED	Jun 15, 2023		Paint	M23-Jn0048078	X
Test Counts						10

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Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follows guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013 and are included in this QC report where applicable. Additional QC data may be available on request.
2. All soil/sediment/solid results are reported on a dry basis, unless otherwise stated.
3. All biota/food results are reported on a wet weight basis on the edible portion, unless otherwise stated.
4. Actual LORs are matrix dependant. Quoted LORs may be raised where sample extracts are diluted due to interferences.
5. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds.
6. SVOC analysis on waters are performed on homogenised, unfiltered samples, unless noted otherwise.
7. Samples were analysed on an 'as received' basis.
8. Information identified on this report with blue colour, indicates data provided by customer that may have an impact on the results.
9. This report replaces any interim results previously issued.

Holding Times

Please refer to 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours prior to sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether the holding time is 7 days however for all other VOCs such as BTEX or C6-10 TRH then the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	**mg/L:** milligrams per litre	**µg/L:** micrograms per litre
ppm: parts per million	**ppb:** parts per billion	**%:** Percentage
org/100 mL: Organisms per 100 millilitres	**NTU:** Nephelometric Turbidity Units	**MPN/100 mL:** Most Probable Number of organisms per 100 millilitres
CFU: Colony forming unit		

Terms

APHA	American Public Health Association
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where a moisture has been determined on a solid sample the result is expressed on a dry basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples these are performed on laboratory certified clean sands and in the case of water samples these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC is representative of the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a like compound to the analyte target and reported as percentage recovery.
TBTO	Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment however free tributyltin was measured and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 5.4
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should be used as a guide only and may be different when site specific Sampling Analysis and Quality Plan (SAQP) have been implemented

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is 30% however the following acceptance guidelines are equally applicable:

Results <10 times the LOR: No Limit

Results between 10-20 times the LOR: RPD must lie between 0-50%

Results >20 times the LOR: RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%

PFAS field samples that contain surrogate recoveries in excess of the QC limit designated in QSM 5.4 where no positive PFAS results have been reported have been reviewed and no data was affected.

QC Data General Comments

1. Where a result is reported as a less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch, but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown is not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data thus it is possible to have two sets of data.

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Michael Morrison	Analytical Services Manager
Emily Rosenberg	Senior Analyst-Metal

Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Certificate of Analysis

WSP Australia Pty Limited

Level 1, 677 High Street Kew East
Telephone +61 3 9896 8600
Email ANZLab@wsp.com

ABN 80 078 004 798

WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC: 17025 - Testing (No. 17199)
NCSI Certified Quality System ISO 9001

LOCATION:	**Raine Rd, Padstow NSW 2211**	**CERTIFICATE NO:**	**MEL-PS137337-163388**
CLIENT:	Department of Education - TAFE NSW	DATE\S SAMPLED:	13/06/2023 to 15/06/2023
CLIENT ADDRESS:	Building A, Ultimo Campus, Mary Ann Street, Sydney NSW 2007	DATE RECEIVED:	21/06/2023
TELEPHONE:	0418 637 267	DATE ANALYSED:	22/06/2023
EMAIL:	adrian.spankie2@tafensw.edu.au	ORDER NUMBER:	N/A
CONTACT:	Adrian Spankie	SAMPLED BY:	Jordan Tran

TEST METHOD: Qualitative identification of asbestos fibres in bulk and soil samples at WSP Corporate Laboratories by polarised light microscopy, including dispersion staining, and trace analysis, in accordance with AS4964 (2004) Method for the qualitative identification of asbestos in bulk samples and WSP's Laboratory Procedure (LP3 - Identification of Asbestos Fibres).

Lab No	Sample ID	Location	Description	Dimensions	Identification Type
001	220106	External, Building C, Ductwork Flange Joints	Mastic	20 x 10 x 2 mm	NAD
002	220111	External, Building F, Wall Cladding	Fibre Cement Sheet	80 x 25 x 4 mm	OF, NAD
003	220112	Internal, Building G, Expansion Joints	Mastic	65 x 14 x 6 mm	NAD
004	220123	External, Building G, Foundation Lining	Bituminous Material	60 x 30 x 8 mm	OF, NAD
005	220122	Internal, Building A, A.G.23, Floor Lining, Under Khaki Vinyl Tile	Adhesive	20 x 10 x 1 mm	NAD

LEGEND:

NAD	-	No Asbestos Detected
CH	-	Chrysotile Asbestos Detected
A	-	Amosite Asbestos Detected
C	-	Crocidolite Asbestos Detected
UMF	-	Unknown Mineral Fibres Detected
SMF	-	Synthetic Mineral Fibres Detected
OF	-	Organic Fibres Detected
[1]	-	No asbestos detected at the reporting limit of 0.1 g/kg
[2]	-	Identification not possible due to adhering materials
[3]	-	Identification not possible due to degradation of fibres

Approved Identifier

Name: Lauren DeRooy

Approved Signatory

Name: Melanie Reed

AUTHORISATION DATE

Friday, 23 June 2023

Hand picked refers to small discrete amounts of asbestos distributed unevenly in a large body of non asbestos material.

Notes:
If no asbestos is detected in vinyl tiles, mastics, sealants, epoxy resins and ore samples, then confirmation by another independent analytical technique is advised due to the nature of the samples. UMF may or may not be asbestos, confirmation by another independent analytical technique is advised.
The results contained within this report relate only to the sample(s) submitted for testing.
Sampling is not covered by the scope of accreditation.

PADSTOW TAFE 02-10-2018

Greencap Pty Ltd
ABN: 76 006 318 010
Level 2 / 11 Khartoum Road
North Ryde NSW 2113
Australia
T: 02 9889 1800

Report Date: Friday, 12/10/2018

Our ref: C122141:J154876 - 1540

Mick Ryan
Technical and Further Education Commission
19 Mary-Anne Street
ULTIMO NSW 2007

Dear Mick,

Re: Asbestos Identification Analysis - Padstow TAFE (1540), 8 Raine Road, Padstow NSW 2211

This letter presents the results of asbestos fibre identification analysis performed on 25 samples collected by Mark Cozanitis of Greencap on Tuesday 2nd to Wednesday 3rd October 2018. The samples were collected from Padstow TAFE (1540), 8 Raine Road, Padstow NSW 2211.

All sample analysis was performed using polarised light microscopy, including dispersion staining in our Sydney Laboratory by the method of Australian Standard AS4964-2004 and supplementary work instruction in house method LAB04 Asbestos Identification by PLM. Any and all services carried out by Greencap for the Client are subject to the Terms and Conditions listed on the Greencap website at www.greencap.com.au/about-greencap/terms-and-conditions and are governed by our statements of limitation available at www.greencap.com.au/about-greencap/statements-of-limitation .

The analysis was completed on Friday, 12 October 2018.

The samples will be kept for three months and then disposed of, unless otherwise directed.
The results of the asbestos identification analysis are presented in the appended table. Results relate only to the items tested and are for the sole use by the client.

Should you require further information please contact our project manager Gary Bagwell.

Yours sincerely,
Greencap

Simon Day : Approved Identifier

Simon Day : Approved Signatory

PADSTOW TAFE 02-10-2018

Sydney Laboratory
Sample Analysis Results

Report Date: Friday, 12/10/2018

Our ref: C122141:J154876 - 1540

Site Location:	Padstow TAFE (1540), 8 Raine Road, Padstow NSW 2211	

	Sample ID	Sample Location/Description/Weight or Size	Analysis Result
1	J154876 - 1540 - 001	Building F - Interior - Ground Level - F.G.9 - Central - Ceiling - Fibre Cement Sheeting Light grey-painted white-grey compressed fibre-cement sheet material ~ 10 x 5 x 1 mm	Chrysotile (white asbestos)
2	J154876 - 1540 - 002	Building F - Interior - Ground Level - F.G.4 - Throughout - Ceiling - Fibre Cement Sheeting Cream-painted white-grey layered fibre-cement sheet material ~ 30 x 15 x 4 mm	Chrysotile (white asbestos) Organic Fibres
3	J154876 - 1540 - 003	Building E - Exterior - Ground Level - Surrounding - Eaves - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 20 x 10 x 6 mm	No Asbestos Detected Organic Fibres
4	J154876 - 1540 - 004	Building E - Interior - Ground Level - E.G.18 - Throughout - Floor Covering - Vinyl Tiles - Green Spearmint brittle vinyl material and associated amber adhesive material ~ 55 x 55 x 3 mm	No Asbestos Detected Organic Fibres
5	J154876 - 1540 - 005	Building E - Interior - Ground Level - E.G.7 - Throughout - Floor Covering - Vinyl Tiles - Khaki Khaki brittle vinyl material and associated amber adhesive material ~ 35 x 35 x 3 mm	No Asbestos Detected
6	J154876 - 1540 - 006	Building E - Interior - Ground Level - E.G.10 - North - Flue - Moulded Cement Flue White-painted grey compressed fibre-cement sheet material ~ 10 x 10 x 1 mm	Chrysotile (white asbestos)
7	J154876 - 1540 - 007	Building G - Exterior - Ground Level - G.G.53 - Central - Partition Wall - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 10 x 10 x 1 mm	No Asbestos Detected Organic Fibres
8	J154876 - 1540 - 008	Building G - Exterior - Ground Level - G.G.53 - Throughout - Awning - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 20 x 10 x 5 mm	No Asbestos Detected Organic Fibres
9	J154876 - 1540 - 009	Building G - Interior - Ground Level - G.G.18 - Entrance - Floor Covering - Vinyl Tiles - Green Spearmint brittle vinyl material and associated amber adhesive material ~ 130 x 45 x 3 mm	No Asbestos Detected Organic Fibres
10	J154876 - 1540 - 010	Building J - Exterior - Ground Level - J.G.46 - Throughout - Awning - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 15 x 15 x 2 mm	No Asbestos Detected Organic Fibres

PADSTOW TAFE 02-10-2018

Sydney Laboratory
Sample Analysis Results

Report Date: Friday, 12/10/2018

Our ref: C122141:J154876 - 1540

Site Location:	Padstow TAFE (1540), 8 Raine Road, Padstow NSW 2211		
	Sample ID	Sample Location/Description/Weight or Size	Analysis Result
11	J154876 - 1540 - 011	Building K - Exterior - Ground Level - K.G.6 - Throughout - Awning - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 25 x 10 x 2 mm	No Asbestos Detected Organic Fibres
12	J154876 - 1540 - 012	Building H - Interior - Ground Level - H.G.6 - Throughout - Floor Covering - Vinyl Tiles - Blue Blue brittle vinyl material and associated amber adhesive material ~ 65 x 65 x 3 mm	No Asbestos Detected Organic Fibres
13	J154876 - 1540 - 013	Building H - Exterior - Level One - H.1.19 - Throughout - Awning - Fibre Cement Sheeting White-painted brown-grey layered fibre-cement sheet material ~ 15 x 15 x 3 mm	No Asbestos Detected Organic Fibres
14	J154876 - 1540 - 014	Building C - Exterior - Ground Level - C.G.31 - Throughout - Awning - Fibre Cement Sheeting White-painted white-grey layered fibre-cement sheet material ~ 15 x 10 x 3 mm	Chrysotile (white asbestos) Organic Fibres
15	J154876 - 1540 - 015	Building C - Interior - Level One - C.1.28 - Throughout - Floor Covering - Hessian Backed Sheet Vinyl - Blue Blue brittle vinyl material and attached brown woven organic fibrous hessian-type matting material only (no distinct adhesive layer present) ~ 55 x 30 x 3 mm	No Asbestos Detected Organic Fibres
16	J154876 - 1540 - 016	Building C - Interior - Level One - C.1.4 - Throughout - Floor Covering - Vinyl Tiles - Brown Brown brittle vinyl material and associated amber adhesive material ~ 55 x 40 x 4 mm	No Asbestos Detected
17	J154876 - 1540 - 017	Building A - Exterior - Ground Level - A.G.39 - Throughout - Awning - Fibre Cement Sheeting White-painted white-grey compressed/formed cementitious sheet material ~ 25 x 20 x 5 mm	No Asbestos Detected
18	J154876 - 1540 - 018	Building A - Interior - Ground Level - A.G.23 - Throughout - Floor Covering - Vinyl Tiles - Khaki Khaki brittle vinyl material and associated amber adhesive material ~ 45 x 30 x 3 mm	No Asbestos Detected
19	J154876 - 1540 - 019	Building B - Exterior - Ground Level - B.G.3 - Throughout - Awning - Fibre Cement Sheeting Cream-painted white-grey compressed/formed cementitious sheet material ~ 50 x 25 x 5 mm	No Asbestos Detected
20	J154876 - 1540 - 020	Building B - Interior - Ground Level - B.G.24 - Throughout - Floor Covering - Vinyl Tiles - Brown Brown brittle vinyl material and associated clear adhesive material ~ 45 x 35 x 3 mm	No Asbestos Detected

PADSTOW TAFE 02-10-2018

Sydney Laboratory
Sample Analysis Results

Report Date: Friday, 12/10/2018

Our ref: C122141:J154876 - 1540

Site Location:	Padstow TAFE (1540), 8 Raine Road, Padstow NSW 2211		
	Sample ID	Sample Location/Description/Weight or Size	Analysis Result
21	J154876 - 1540 - 021	Building M - Exterior - Ground Level - Surrounding - Eaves - Fibre Cement Sheeting White-painted white-grey fibre-cement sheet material ~ 20 x 10 x 2 mm	Chrysotile (white asbestos) Organic Fibres
22	J154876 - 1540 - 022	Building D - Exterior - Ground Level - Surrounding - Eaves - Fibre Cement Sheeting White-painted gold-grey layered fibre-cement sheet material ~ 15 x 10 x 3 mm	Chrysotile (white asbestos) Organic Fibres
23	J154876 - 1540 - 023	Grounds - Exterior - Ground Level - Covered Walkways - Awning - Fibre Cement Sheeting White-painted gold-grey layered fibre-cement sheet material ~ 20 x 8 x 2 mm	No Asbestos Detected Organic Fibres
24	J154876 - 1540 - 024	Building D - Interior - Ground Level - D.G.25 - North - Floor Covering - Vinyl Tiles - Khaki Khaki brittle vinyl material and associated amber adhesive material ~ 40 x 20 x 3 mm	No Asbestos Detected
25	J154876 - 1540 - 025	Building D - Interior - Ground Level - D.G.8 - Throughout - Floor Covering - Vinyl Tiles - Green Spearmint brittle vinyl material and associated amber adhesive material ~ 50 x 35 x 3 mm	No Asbestos Detected Organic Fibres

* Shaded row with bolded text indicates sample contains a positive result for asbestos.
If Synthetic Mineral Fibre and Organic Fibre are not stated in Analysis Results, it implies not detected.

APPENDIX E

HAZARDOUS BUILDING MATERIAL BACKGROUND

E1 BACKGROUND

Asbestos is the generic term for a group of naturally occurring mineral fibres with high tensile strength, flexibility, and resistance to thermal, chemical and electrical conditions. On account of these properties, asbestos has been used in many products for strength, heat, friction resistance and as insulation.

There are six types of the fibrous asbestos minerals, in two groups as described below:

- The serpentine asbestos is chrysotile (or white) asbestos. Chrysotile has been the most commonly used form of asbestos.
- Amphibole asbestiforms of which amosite (brown asbestos) and crocidolite (blue asbestos), were the most common types of amphibole asbestos used in building products.

Asbestos fibres enter the body by the inhalation and/or ingestion of airborne particles that can become embedded in tissues of the respiratory or digestive systems. International agencies and national authorities now recognise asbestos to be a human carcinogen. This designation was based on an observation of an increased incidence of lung cancer, mesotheliomas and gastrointestinal cancer in occupationally exposed workers, being consistent across investigators and study populations. Information from animal studies on the inhalation of fibres support these findings, although evidence for carcinogenicity via ingestion is limited.

In recognition of the above-mentioned issues, every effort should be made to eliminate the use of asbestos materials in buildings.

E2 USE OF ASBESTOS PRODUCTS

Asbestos was used extensively in structures such as buildings, processing plants, ships, trains and motor vehicles in the 1950s, 1960s and 1970s. Asbestos cement products are commonplace in building materials and buildings constructed prior to 1990.

Asbestos has been used in hundreds of different building materials. Some of the common building materials include:

- Adhesive sealants and paints.
- Electrical backing boards and internal linings.
- Vinyl floor tiles and vinyl sheets.
- Fibro-cement sheets in wall, ceiling and eave linings (internal & external).
- Fibro-cement internal flues and downpipes
- Bitumen-based water proofing such as malthoid (typically on roofs).

Whilst these materials are known to commonly contain asbestos, not all will. Confirmation must be made by detailed visual inspections coupled with laboratory analysis.

Generally, ACM consists of asbestos fibres bound in a cement matrix. The degree of fibre release and the risk posed by the asbestos will depend on the type of material (e.g. friable or non-friable), its condition and the potential for disturbance. As a result, it is necessary to have in place safe systems of work when working with or near asbestos.

E3 LEGISLATIVE REQUIREMENTS

State and Territory governments around Australia have generally adopted a consistent approach to asbestos management within workplaces. Whilst some minor differences are present from state to state, the following general requirements apply within workplaces:

- The owner of a workplace must determine if ACM are present in the workplace. This is usually undertaken through a visual inspection of the property.
- Upon identifying ACM, a risk assessment must be undertaken and must consider the following:
  - Friability
  - Condition
  - Location
  - Surrounding activities that could disturb the asbestos
- Where ACM is identified, it should be removed if removal is reasonably practicable. Where it is not reasonably practicable to remove, it must, depending on the level of risk, be either repaired, maintained and/or protected from future damage.
- ACM that is to remain in use (i.e. *in-situ*) must, when reasonably practicable, be labelled. An example of a warning label is shown below:

Figure E.1 Example asbestos warning label

- If ACM is found to be damaged, or is in a position where it is likely to be damaged, steps must be taken to prevent it being or becoming an unacceptable risk.
- If the risk of the ACM is found to be elevated, then steps must be taken to minimise the risk to employees / workers and other personnel who attend the workplace.

E4 HEALTH IMPACTS

As ACM is no longer used in Australia, most worker exposures now occur during the removal of asbestos and the renovation and maintenance of buildings and structures containing asbestos; particularly when asbestos is disturbed during activities such as handling, sawing, sanding, grinding, drilling, turning or similar.

The presence of asbestos may constitute a potential hazard; however, risk to health is based on the likelihood that respirable asbestos fibres are inhaled in significant quantities.

The level of risk posed by asbestos is linked to the size and shape of the fibres and the ability of it to penetrate deep into the lungs and become lodged. Fibres that measure less than three (3) microns wide and greater than five (5) microns long are referred to as respirable fibres and may enter the deepest part of the lungs. Larger fibres are deposited in the nose and major airways and can generally be cleared by normal physiological processes.

Once asbestos fibres have been inhaled (particularly respirable fibres) they can become lodged and are harder for our bodies to destroy, breakdown or remove. This is when they pose the greatest potential to cause disease and the likelihood of disease increases as the number of asbestos fibres inhaled increases.

Significant health risks may arise from the inhalation of airborne asbestos fibres, and their passage into the lungs. The risk of cancer increases as fibres diameter decreases and with increased exposure. Cigarette smoking greatly increases the risk of lung cancer in people heavily exposed to asbestos, but has no known association with mesothelioma.

Crocidolite and amosite have the most potent documented effects in producing the highly malignant mesothelioma tumour.

Asbestos fibres reaching the alveoli are handled in different ways. Some are carried out of the lung through the lymphatic system (part of the immune system). Of those fibres that remain some do not cause health effects whilst some may lead to lung changes such those outlined below:

Asbestosis	A form of fibrosis (scarring) of the lungs, which results in breathlessness. Asbestosis is a serious, chronic, non-cancerous respiratory disease. Asbestosis can take between 20 to 40 or longer years to develop.
Lung Cancer	Lung cancer is a disease which consists of uncontrolled cell growth in tissues of the lung. The incidence of lung cancer in people who are directly involved in the mining, milling, manufacturing and use of asbestos and its products is much higher than those who weren't involved in those industries.
Mesothelioma	Mesothelioma is a cancer of the outer covering of the lung (the pleura) or the abdominal cavity (the peritoneum). It is usually fatal. Mesothelioma is caused by the inhalation of needle-like asbestos fibres deep into the lungs where they can damage mesothelial cells, potentially resulting in cancer. The latency period is generally between 35 and 40 years, but it may be longer, and the disease is very difficult to detect prior to the onset of illness. Mesothelioma was once rare, but its incidence is increasing throughout the industrial world because of past exposures to asbestos. Australia has the highest incidence rate in the world.

The primary objective in any asbestos management plan is to eliminate, where possible, exposure to airborne asbestos fibres, or as a minimum, ensure workers are not exposed to fibre concentrations greater than the National Occupational Health and Safety Commission's occupational exposure standards for asbestos. It should be noted, that in situations where asbestos has been incorporated into a stable matrix and airborne dust is not generated, the asbestos-related health risk is negligible.

E5 SYNTHETIC MINERAL FIBRES

Synthetic Mineral Fibres (SMF) are a group of amorphous substances, including Glasswool, Rockwool and Ceramic fibre that have been fiberised by mechanical means, such as spinning or blowing during manufacturing. SMF are commonly found in false ceiling panels and insulation and are typically identified by visual observation or by Optical Microscope techniques.

In the late 1980s the International Agency for Research on Cancer (IARC) evaluated certain SMF materials as being possibly carcinogenic to humans. The similarity in application and appearance to asbestos has resulted in some community concern regarding the health effects associated with exposure to SMF.

Reference information on SMF and their management is provided in the rescinded National Code of Practice for the Safe Use of Synthetic Mineral Fibres [NOHSC:2006(1990)].

E6 LEAD BASED PAINTS

In the past lead was added to paint as a pigment and to assist with drying, improve durability, resist moisture and retain a fresh appearance. Lead carbonate (white lead) was once the principal white pigment in paints for houses and public buildings. Paint with lead pigment was manufactured up until the late 1960s, and in 1969 the National Health and Medical Research Council's Uniform Paint Standard was amended to restrict the lead content in domestic paint. The use of lead in paint as a significant component was phased out in Australia by the early 1980s.

Many older Australian buildings still contain lead-based paint, even though it may be covered with layers of more recent paint. Lead-based paint was used mainly on exterior surfaces, and to a lesser degree on interior doors and door and window architraves, especially in undercoats and primers, where concentrations of up to 20 percent lead content were used. Interior walls were not commonly painted with paint containing white lead pigment, although some colours did contain red, orange and yellow lead pigments.

Other areas that may contain lead include lead flashing and lead backing in electrical components. Lead in any form is toxic to humans when ingested or inhaled, with repeated transmission of particles cumulating in lead poisoning. Lead paint removal poses two potential avenues of transmission. Firstly, by inhalation or ingestion by workers and public near the works, and secondly by the deposition of particles on nearby footpaths, streets or soil where they may be re-suspended, tracked into houses or buildings where it can be inhaled or ingested.

Lead based paints are to be managed in accordance with the Australian Standard *Guide to hazardous paint management Part 2: Lead paint in residential, public and commercial buildings* (AS4361.2:2017)

E7 POLYCHLORINATED BIPHENYLS

Polychlorinated biphenyl (PCB) compounds are synthetic organic compounds that were used in transformer oils, capacitor oils, hydraulic and heat-exchange fluids, lubricating oils, cutting oils, fluorescent light fittings, ceiling fans, dishwashers, clothes dryers, vacuum pumps, electric motors and washing machines. PCB are highly stable chemicals with good insulating properties; they do not degrade appreciably over time or with exposure to high temperatures, acids or alkalis. It is these properties that made PCB attractive for use in electrical devices. They were first used in about 1929 and were commonly used from the 1950s to the 1970s.

Fluorescent light-fittings containing capacitors can be compared with details contained in the ANZECC Identification of PCB Containing Capacitors database (1997).

It is considered that Australian electrical equipment manufactured since 1970 is unlikely to contain PCB. Imports of PCB to Australia were banned since 1986 once it became known that PCB could harm human health and contaminate the environment.

E8 OZONE DEPLETING SUBSTANCES

Australia is a signatory of the Montreal Protocol which details banned ozone depleting substances. This is legislated through the Commonwealth's Ozone Protection Act, 1989.

Ozone depleting substances (ODSs) are those substances which deplete the ozone layer and are widely used in refrigerators, air conditioners, fire extinguishers, in dry cleaning, as solvents for cleaning, electronic equipment and as agricultural fumigants.

Ozone depleting substances controlled by Montreal Protocol include:

- Chlorofluorocarbons (CFCs)
- Halon
- Carbon tetrachloride (CCl_4), Methyl chloroform (CH_3CCl_3)
- Hydrobromofluorocarbons (HBFCs)
- Hydrochlorofluorocarbons (HCFCs)
- Methyl bromide (CH_3Br)
- Bromochloromethane (CH_2BrCl)