



CLEARANCE CERTIFICATE – ASBESTOS REMOVAL

Compliant with Part 3.10 of Safe Work Australia Document: How to Safely Remove Asbestos, Code of Practice 2019 as enforced by SafeWork NSW

GENERAL DETAILS

CLIENT DETAILS	
Name of client:	School Infrastructure NSW
Project number:	PS118293
Client contact details	Warren Ellery
ASBESTOS REMOVAL WORK DETAILS	
Site address where asbestos removal work is being carried out:	Newcastle East Public School (School #2736) 48 Brown Street, The Hill NSW 2300
Date(s) asbestos removal work carried out:	02/02/20
Scope of work (as advised by client/contractor):	Remediation of asbestos containing dust (ACD) identified to contents stored within the Sports Shed.
Details of the specific asbestos removal work area(s):	Comprehensive sampling throughout the school indicated the presence of asbestos on contents stored within the Sports Shed. Remediation of the identified asbestos included disposal of all stored contents, followed by precautionary decontamination of the shed. Decontamination was achieved through HEPA vacuuming and wet-wiping of all accessible surfaces. Refer to Appendix A Site Photographs, Appendix B Certificates of Analysis and Appendix C Site Plan.
Type of asbestos containing material removed:	<input checked="" type="checkbox"/> Friable <input type="checkbox"/> Non-Friable <input checked="" type="checkbox"/> Asbestos containing dust/debris
Name of licensed removalist:	PM Ferry Builders (HTS Group Pty Ltd)
License details:	AD210982
Contact details of the licensed asbestos removalist's supervisor:	Craig Oldfield

CLEARANCE INSPECTION FOLLOWING ASBESTOS REMOVAL

Date of clearance inspection:	02/02/20
Evidence of PVA/sealant application:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
The transit route and waste routes are free from any visible asbestos:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Limitations of clearance:	Inspections were carried out within the immediate vicinity of the removal areas. No inspection was carried out to areas not included in the scope of works. This clearance includes decontamination of the Sports Shed only. Inspection was limited to internal areas only.
Visual inspection satisfactory:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Clearance and/or Control air monitoring conducted:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Results of air monitoring satisfactory:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

Comments:

Control monitoring was performed around the perimeter of the work area and clearance monitoring was performed in the Sports Shed following decontamination.

Levels of respirable airborne fibres were found to be below the detection limit of <0.01 fibres/ml in all control and clearance monitoring locations.

Refer to Appendix B Certificates of Analysis.



INSPECTIONS AND AIR MONITORING (FRIABLE REMOVALS ONLY)

VISUAL INSPECTION OF ASBESTOS REMOVAL WORK AREA	
Smoke test conducted and passed:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Work areas (e.g. enclosure, drop sheets, etc.) appropriate and functional:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Negative air unit(s) appropriate and functional:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Decontamination unit(s) appropriate and functional:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Work area / enclosure / airlocks/ baglocks are free of all waste bags and unnecessary equipment:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
All ACM's have been removed as per the scope of work (record residual in situ ACM here):	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Interior surfaces inside the work area/ enclosure are dry and free from all dust and debris:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Interior surfaces inside the decontamination unit are free from all dust and debris:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Evidence of PVA / sealant application:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CLEARANCE AIR MONITORING	
Control (WIP) monitoring was conducted outside asbestos work areas and was satisfactory:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Clearance air monitoring was carried out inside the work area at the completion of a satisfactory clearance inspection:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
The results of clearance air monitoring are below 0.01 fibers/ml:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Has the air monitoring sample(s) been analysed by a NATA-accredited laboratory:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Can the work areas be safely reoccupied:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Can the enclosure be dismantled:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Former enclosure/work area has been dismantled and there is no evidence of dust or debris in the immediate surrounding area:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Negative air units have been sealed and removed from the enclosure:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
Decontamination units have been dismantled and removed from the enclosure:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
All ACM's have been removed as per the scope of work and all remaining in- situ ACM's are intact and sealed:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>



ASBESTOS REMOVAL DOCUMENTS

Did you receive a copy of the asbestos removal control plan (ARCP)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Did you receive a copy of the regulatory notification form? (SafeWork NSW)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is the asbestos removal work consistent with the ARCP and the notification form?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

CLEARANCE DECLARATION

I declare that:

On the basis of the verification methods required under the NSW Work Health and Safety Regulation 2017, Clause 473, the remediated area under current condition and use does not pose a risk to the health and safety of users from exposure to asbestos. The area can be returned to normal occupancy and use.

ASSESSORS SIGNATURE

Prepared by:	Joshua Trahair	Date: 02/02/20	Signature: 
Assessor Number:	LAA001230		

ATTACHMENT CHECKLIST

Photographs	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Certificate of Analysis	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
Floor Plan	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>



STANDARD LIMITATIONS OF CLEARANCE INSPECTION (NSW)

In accordance with WHS regulation 2017, Chapter 8, Part 8.7, Clause 473: "A clearance inspection is an inspection of an asbestos removal area after asbestos removal work has been completed to verify that the area is safe for normal use, that: (a) includes a visual inspection, and (b) may include air monitoring".

The surface area and immediate vicinity has been visually determined to be clear of visible asbestos residue as specified for remediation. This clearance certificate is valid for areas which were visually accessible at the time of inspection as detailed in the scope of works.

Inspections are only carried out to the areas detailed to be removed and are conducted where access is available. Specifically, no inspection has been carried out to areas that may require further remediation to verify the presence of asbestos. Please note that the visual clearance is limited to the surface of material(s) and/or soil(s) which were safely accessible at the time of inspection.

It should be noted that no inspection can be regarded as absolute and that additional asbestos may be encountered or uncovered upon further inspection, building works, or excavations. The inspection was carried out at the time of the completion of the remediation works and was dependent upon site conditions at that time. WSP Australia accepts no responsibility or liability for the completeness of the removal. Comments above regarding the aspects of the inspection also form limitations. The contractor's responsibilities included:

- ⊗ Ensuring that work methods and procedures comply with the relevant legislation, codes of practice and industry standards, and undertake work in accordance with technical specifications.
- ⊗ Employing suitably trained, skilled and competent staff.
- ⊗ Ensuring that contractors are inducted in safe work procedures for asbestos materials/products.
- ⊗ Obtaining the necessary approvals from regulatory authorities prior to starting any asbestos removal or maintenance activities.
- ⊗ Ensuring that all work is conducted in a safe and competent manner.

STANDARD LIMITATIONS

This report has been prepared for the benefit of the client and no other party. WSP assumes no responsibility and will not be liable to any other person or organisation for or in relation to any matter dealt with or conclusions expressed in the report, or for any loss or damage suffered by any other person or organisation arising from matters dealt with or conclusions expressed in the report (including without limitation matters arising from any negligent act or omission of WSP or for any loss or damage suffered by any other party relying upon the matters dealt with or conclusions expressed in the report). Other parties should not rely upon the report or the accuracy or completeness of any conclusions and should make their own enquiries and obtain independent advice in relation to such matters.

In accordance with the scope of services, WSP has relied upon the data and has conducted field monitoring and/or testing in the preparation of the report. The nature and extent of monitoring and/or testing conducted is described in the report. On all sites, varying degrees of non-uniformity of conditions are encountered. Hence no monitoring, common testing or sampling technique can eliminate the possibility that monitoring or testing results/samples are not totally representative of actual situations. The conclusions are based upon the data and the field monitoring and/or testing and are therefore merely indicative of the conditions of the site at the time of preparing the report.

It should also be recognised that site conditions, including the extent and concentration of contaminants, can change with time.

Within the limitations imposed by the scope of services, the monitoring, testing, sampling and preparation of this report have been undertaken and performed in a professional manner, in accordance with generally accepted practices and using a degree of skill and care ordinarily exercised by reputable Occupational Hygiene consultants under similar circumstances. No other warranty, expressed or implied, is made.



APPENDIX A PHOTOGRAPHS



Photo 1: View of positive asbestos sample locations (WSP-57160, 57163)



Photo 2: View of the Sports Shed following removal of contents and decontamination



Photo 3: View of the Sports Shed following removal of contents and decontamination



Photo 4: View of the Sports Shed following removal of contents and decontamination



APPENDIX B CERTIFICATES OF ANALYSIS



WSP Australia Pty Limited

Level 3, 51-55 Bolton Street Newcastle NSW 2300

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Email ANZLab@wsp.com

Certificate of Analysis

ABN 80 078 004 798

NCSI Certified Quality System ISO 9001

LOCATION: Newcastle East Public School (2736)

CERTIFICATE NO: NEW-PS118293-124523

CLIENT: Department of Education - Hunter

DATE(S) SAMPLED: 1/02/2020 to 2/02/2020

CLIENT ADDRESS: PO BOX 5658, Gateshead West NSW 2290

DATE RECEIVED: 2/02/2020

TELEPHONE: 0428 104 511

DATE ANALYSED: 2/02/2020

EMAIL: warren.ellery1@det.nsw.edu.au

ORDER NUMBER: N/A

CONTACT: Warren Ellery

SAMPLED BY: Christian Bondini

TEST METHOD: Filters examined at WSP Corporate Laboratories in accordance with N.O.H.S.C (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres and WSP's Laboratory Procedure (LP4 - Counting of Asbestos and Synthetic Mineral Fibres). Accredited for compliance with ISO/IEC: 17025 – Testing (No. 17199).

Lab No	Sample ID	Location	Results (Fibres/Field)	Concentration (Fibres/mL)
WIP:				
001	4650	External, East of D Block on seating	3.0 / 100	<0.01
002	4623	External, East of D13889, on pole	0.0 / 100	<0.01
003	4551	External, North side of D17664 on bag rack	1.5 / 100	<0.01
004	2792	External, West of C Block on cricket pitch fence	1.0 / 100	<0.01
005	4524	External, South side of E Block on step adjacent Electrical cupboard	1.0 / 100	<0.01

Approved Counter

Name: Clare Brockbank

Approved Signatory

Name: Clare Brockbank

AUTHORISATION DATE

Sunday, 2 February 2020

NB: If the fibre count is less than 10 fibres per 100 fields then the count is not significantly above that of background. Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust. [N.O.H.S.C.:3003 (2005)]



ACCREDITED FOR TECHNICAL COMPETENCE

The results contained within this report relate only to the sample(s) submitted for testing. The laboratory accepts no responsibility for location, sampling date, sample ID, sampler, and client details provided by the sampler. WSP accepts no responsibility for the initial collection, packaging or transportation of samples submitted by external persons. This document may not be reproduced except in full.



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Certificate of Analysis

ABN 80 078 004 798

NCSI Certified Quality System ISO 9001

LOCATION: Newcastle East Public School (2736)

CERTIFICATE NO: NEW-PS118293-124526

CLIENT: Department of Education - Hunter

DATE(S) SAMPLED: 1/02/2020 to 2/02/2020

CLIENT ADDRESS: PO BOX 5658, Gateshead West NSW 2290

DATE RECEIVED: 2/02/2020

TELEPHONE: 0428 104 511

DATE ANALYSED: 2/02/2020

EMAIL: warren.ellery1@det.nsw.edu.au

ORDER NUMBER: N/A

CONTACT: Warren Ellery

SAMPLED BY: Christian Bondini

TEST METHOD: Filters examined at WSP Corporate Laboratories in accordance with N.O.H.S.C (2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres and WSP's Laboratory Procedure (LP4 - Counting of Asbestos and Synthetic Mineral Fibres). Accredited for compliance with ISO/IEC: 17025 – Testing (No. 17199).

<u>Lab No</u>	<u>Sample ID</u>	<u>Location</u>	<u>Results (Fibres/Field)</u>	<u>Concentration (Fibres/mL)</u>
Clearance:				
001	4711	Internal, CR0008 on storeroom shelf	0.0 / 100	<0.01
002	4705	Internal, CR0007, on shelf South West side	0.0 / 100	<0.01
003	8459	Internal, CR0005, on East shelf	1.0 / 100	<0.01
004	4499	Internal, CR0004, on shelving unit to center of room	3.0 / 100	<0.01
005	4331	Internal, CR0003 on storeroom shelf	2.0 / 100	<0.01
006	5690	Internal, AR0002 on teaching lectern	0.0 / 100	<0.01
007	4530	Internal, AR0006 on teaching lectern	1.0 / 100	<0.01
008	5699	Internal, D17664 (VP09) South East side on shelf	0.0 / 100	<0.01
009	5708	Internal, D17664 (VP09) on storeroom shelf	1.0 / 100	<0.01
010	5692	Internal, ER1012 on table to center of room	0.0 / 100	<0.01
011	5701	Internal, ER1014 on teaching lectern	0.5 / 100	<0.01
012	5728	Internal, ER1002 on table center of room	0.0 / 100	<0.01
013	5710	Internal, ER1006 on teaching table	0.0 / 100	<0.01
014	5719	Internal, ER1004, on storeroom shelf	0.0 / 100	<0.01
015	5694	Internal, ER0006 on bench	1.0 / 100	<0.01
016	5698	Internal, in container adjacent D13889	0.0 / 100	<0.01
017	5688	Internal, in D13889 storeroom, on shelf	1.0 / 100	<0.01
018	5706	Internal, in D13889 classroom, on shelf	0.0 / 100	<0.01
019	5730	Internal, DR0002, on top of fridge	1.0 / 100	<0.01
020	5715	Internal DR1002, on table	3.0 / 100	<0.01
021	5724	Internal, BR0002 GA shed, on shelf	2.0 / 100	<0.01
022	5732	Internal, BR0001 Cleaner store, on shelf	1.0 / 100	<0.01
023	5712	Internal, ER1007 on table	1.5 / 100	<0.01
024	5721	Internal, ER1009 store room, on shelf	0.0 / 100	<0.01
025	5703	Internal, ER1011 on desk	0.0 / 100	<0.01



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LOCATION: Newcastle East Public School (2736)

CERTIFICATE NO: NEW-PS118293-124526

<u>Lab No</u>	<u>Sample ID</u>	<u>Location</u>	<u>Results (Fibres/Field)</u>	<u>Concentration (Fibres/mL)</u>
Clearance:				
026	5731	Internal, in temporary admin demountable, on shelf	1.0 / 100	<0.01
027	5733	Internal, CR1003 on desk	4.0 / 100	<0.01
028	5714	Internal CR1002, on book rack	6.0 / 100	<0.01
029	5723	Internal, CR1005 on desk	5.0 / 100	<0.01
030	5734	Internal , AR9001 on table	0.0 / 100	<0.01
031	5735	Internal, in sport shed adjacent C Block	2.0 / 100	<0.01

Approved Counter

Name: Clare Brockbank

Approved Signatory

Name: Clare Brockbank

AUTHORISATION DATE

Sunday, 2 February 2020

NB: If the fibre count is less than 10 fibres per 100 fields then the count is not significantly above that of background. Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust. [N.O.H.S.C.:3003 (2005)]



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APPENDIX C SITE PLAN



Legend

 Remediated areas (cleared by WSP 02/02/20)