

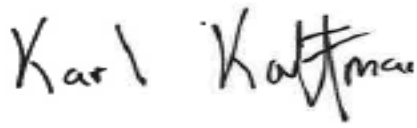

DEMOLITION SURVEY
DENTON SWIMMING POOL
VICTORIA STREET
DENTON
MANCHESTER

M34 3GU

MARCH 2020



AEC are UKAS accredited for surveying and hold the Type C UKAS inspection no. - 0232

Report prepared for:	AA Woods Holding Ltd Alma Street St Helens WA9 3AR
Report reference:	J180264
Issue date:	March 2020
Survey completed by: Karl Koffman Senior Surveyor	
Approved by: Robert Lynch Senior Surveyor	

CONTENTS

1.0	EXECUTIVE SUMMARY	3
2.0	INTRODUCTION AND AEC's BRIEF	4
3.0	DESK STUDY AND GENERAL BUILDING INFORMATION	6
4.0	INACCESSIBLE AREAS AND PROJECT SPECIFIC RESTRICTIONS	8
5.0	RECOMMENDATIONS	9
6.0	MANAGEMENT OF ASBESTOS	15

APPENDICES

1	ITEM NUMBER LOCATION PLAN(S)	16 - 20
2	BUILDING REGISTER AND RESULTS	21 - 105
3	CERTIFICATE OF BULK FIBRE ANALYSIS	106 - 11
4	SURVEY METHODOLOGIES	12 - 16
5	GENERAL RESTRICTIONS	17 - 18

1.0 EXECUTIVE SUMMARY

A Demolition Survey of Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU, has been undertaken by AEC.

This section should be read in conjunction with Section 4.0 (Inaccessible Areas) and Section 5.0 (Recommendations) as well as Appendix 1 (Item Number Location Plans) and Appendix 2 (Building Register and Results). The building register includes a material risk assessment.

During the survey the following asbestos containing materials have been identified:

- Sprayed coating
- Boarding
- Gasket(s)
- Rope
- Textile
- Bitumen
- Cement
- Felt
- Mastic
- Presumed asbestos items have been recorded

N.B. The recommendations section of this report details any remedial action that will be required to manage or make safe asbestos installations, should any have been identified within this report.

N.B. For further sample details, please refer to Appendix 2 Building Register and Results and Appendix 3 Certificate of Bulk Fibre Analysis.

It should be presumed that the inaccessible areas detailed in Section 4.0 will contain asbestos and be managed accordingly until such time that the areas can be inspected and proven to be asbestos-free.

2.0 INTRODUCTION AND AEC'S BRIEF

At the request of Colin Latimer, acting on behalf of AA Woods Holding Ltd, Airborne Environmental Consultants Ltd (AEC) have carried out a Demolition Survey of Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU.

AEC have been requested to provide the following services:

- To provide an experienced asbestos survey team to site to carry out a Demolition Survey, as outlined in HSG 264 Asbestos: The Survey Guide, and our quotation ref: Q187589.
- To take representative samples of any materials suspected of containing asbestos and to analyse these in general accordance with HSE document HSG 248 - 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures'.
- To prepare a detailed written report showing the location, extent and condition of all identified asbestos installations along with any remedial recommendations necessary.

The survey was carried out by Karl Koffman, Jason Woodward, Rob Albers and site works were completed on the 16 March 2020.

This survey report MUST be read in conjunction with any other asbestos documentation available for the site. This may include (but is not exclusive to) other AEC management and/or refurbishment and demolition asbestos survey reports, 3rd party asbestos survey reports, asbestos registers and CDM health and safety file content.

SURVEY PLAN

The exact areas to be surveyed and the survey types requested by the customer to be carried out in these areas are as follows:

Survey Type	Demolition Survey
Area/building to be surveyed	Demolition survey to all accessible internal and external areas of Denton Pool Victoria Street (As per plan ref:200001504929)
Areas/installations excluded by customer	Anything out of scope
Details of scope changed on site by client / tenant	

In addition, several localised areas were identified where the survey team could not obtain full access at the time of survey. These are detailed in Section 4.0.

It should be noted that AEC have NOT surveyed beyond any sampled or presumed installations during this survey. This is regardless of any laboratory confirmation of asbestos content being present. In addition, the areas indicated in Section 4.0 of this report have had either limited access only or no access gained. It should therefore be presumed that these areas may contain asbestos. AEC strongly recommend, in section 5.0 of this report, that AEC be employed to return to site to survey beyond the confirmed non-asbestos materials (after sample analysis) and any ACMs (if present) once they have been appropriately removed, as well as to investigate any caveats on security or weather proofing e.g. layers of roofs, and inaccessible structural areas e.g. beneath concrete slabs.

The methodology associated with this survey is given in Appendix 5 of this report.

A GUIDE TO THE SURVEY RESULTS

An item number is used throughout this report to relate a sampled, strongly presumed, or presumed asbestos installation to its location on site. When an asbestos installation is sampled it is given a unique laboratory sample number so that the bulk sample can be traceable within AEC's UKAS accredited laboratory. In addition to the laboratory sample number the bulk sample is given an item number, which relates the identified asbestos installation to its location on site. Where a material has not been sampled, but is strongly presumed (typically to be the same as a sampled installation) or presumed (typically if not accessible) to contain asbestos, the material is also given an item number, again relating the installation to its location on site. The item number is used on the item number location plans in Appendix 1 and in the building register and results in Appendix 2 to help identify where the asbestos installations are located on site.

Appendix 1 and Appendix 2 must be read in conjunction with the rest of this survey report, especially Section 4.0 Inaccessible areas and project specific restrictions and Section 5.0 Recommendations.

The certificate of bulk fibre analysis in Appendix 3 uses a laboratory sample number to show the result of the analysis carried out on a bulk sample taken on site during the asbestos survey. To relate a laboratory sample number on the certificate of bulk fibre analysis to the building register and results in Appendix 2, and thus find the location of the asbestos installation on site, simply look up the laboratory sample number in the building register to obtain its item number or vice versa, if you are reading the building register and results in Appendix 2 and wish to obtain further details on the analysis carried out on a bulk sample. If you have any concerns about the accuracy of the data, contact AEC in the first instance, as queries may be answered and additional costs prevented.

For a full explanation of the various headings used in the building register and results table see Appendix 2.



AEC are UKAS accredited for surveying and hold the Type C UKAS inspection no. - 0232.

3.0 DESK STUDY AND GENERAL BUILDING INFORMATION

HSG 264 recommends that, whenever possible, a preliminary desk study be carried out in order to gather information pertinent to the building(s) under investigation. AEC have requested this information at the contract renewal stage, all relevant information has been recorded and given to the surveying team.

The general NON-ASBESTOS materials used in the structure are described below. Where sampled these will be referred to in the building register and results (see Appendix 2).

General building information - Demolition Survey - 10.03.20. to 16.03.20

Location	Description
Floor – ground	Concrete floors with ceramic tiles, quarry tiles and carpet
Floor – first	Concrete floors to first floor plant room
Floor – other (please state)	Concrete basement plant room floor with quarry tiles and concrete within undercroft beneath pools
Stairs	Concrete and metal stairs
Sub floors / ducts / voids	Limited access within sumps to basement areas (flooded) and within foul drains throughout
Boxwork (name location)	Timber boxwork throughout
Electric and/or Gas cupboard	Electrics in office off reception
Risers / service ducts / lift shafts	Riser in changing area with sampled boarding ceiling
Walls external (incl vents)	Brick to low level walls and timber cladding to upper walls of the pools (timber with polystyrene and sampled boarding beneath), walls were inspected around the perimeter of the building at roof level and no cavity closing panels were observed
Walls internal	Brick with plaster skim and paint finish
Ceilings solid – ground	Concrete and corrugated metal ceilings to reception areas, concrete ceiling with paint and sampled textured coating, sampled spray coating, sampled boarding to remaining areas
Ceilings solid – first	Concrete ceiling to first floor plant room
Ceilings solid – other (please state)	N/A
Ceilings suspended – ground	Modern fibreboard suspended ceilings and sampled fragments of older suspended ceilings in reception area
Ceilings suspended – first	None
Ceilings suspended – other (please state)	N/A

Roof type	Flat
Roof materials (incl area)	Roofing felt throughout laid over foam blocks, cork, fibreboard and on to concrete and steel sheeting, felt, fibreglass, pressed metal and timber to skylights, pressed metal livers observed with timber packing pieces
Rainwater goods	Plastic and cast internal waste water pipes
Wastewater goods - internal	Plastic and cast iron
Wastewater goods - external	Plastic and cast iron
Insulation - pipes	Foam, man made mineral fibre, polystyrene insulation to pipes, sampled lagging to the pipes in the basement, ground and first floor plant rooms
Insulation - boilers/calorifiers	None visible
Loft materials inc insulation / tanks	Roof void over pool with sampled boarding to the perimeter wall, sampled boarding packers, timber walkways, plaster coating to the rear of the pool ceiling, corrugated metal ceiling
Plant equipment	Floor standing boilers
Heating systems - make and model - domestic, commercial, industrial	Ideal floor standing boiler in plant room with sampled boarding, sampled rope, sampled mastics
Doors and header panels	Timber door headers and timber doors
Window frames and infill panels	Timber and PVC-u
Out - buildings	None visible
Other materials	Metal vents, metal flues on roof and concrete canopy with render to front
Usage of site	Redundant swimming pool

4.0 INACCESSIBLE AREAS AND PROJECT SPECIFIC RESTRICTIONS

During the survey, the following areas were agreed with Colin Latimer of AA Woods Holding Ltd to be inaccessible for the following reasons:

N.B. Any/all inaccessible rooms within the scope of this survey are identified, with item numbers, on the item location plans (if relevant) and listed individually within the building register.

4.1 Agreed inaccessible areas whilst on site
None
4.2 Access limitations
Limited access to the roof void above the pools as they could only be surveyed from the walkways. Limited access behind strip lights built into ceiling of pool (a representative number only were accessed as they sealed and only accessible from the walkway). Limited access within the boilers as potentially live. Limited access to high level areas of the basement plant room due to installed plant e.g water treatment cylinders and boilers. Limited access within the sumps of A-025 Plant Room due to them being flooded.
4.3 Unsafe conditions
All services were live throughout the duration of the survey. Limited access to skylights throughout the building as removing them or damaging their integrity could potentially leave the building unsecured.
4.4 Client restrictions
Anything out of scope

4.5 General restrictions

See Appendix 5 for general restrictions and exclusions.

AEC have not inspected areas of the property/structure, which are covered, unexposed or inaccessible this includes structural concrete and floor slabs, and we are, therefore, unable to report that any such part of the property/structure is free from asbestos.

Although the presence of asbestos in these area(s) is not confirmed, it should be presumed that asbestos could be present and caution should be exercised if any works are carried out there in the future.

If any suspect materials are encountered in these areas it is recommended that works cease immediately until such time that the material can be sampled, analysed and confirmed to be asbestos-free.

5.0 RECOMMENDATIONS

Recommendations are based upon the product type for removal on a refurbishment & demolition survey, as the HSG 264 material assessment, and a subjective priority risk assessment are not normally required for this type of survey. However, these assessments are considered, as demolition or refurbishment work is not always carried out immediately following the survey, and the CAR 2012 introduced a new tier of work, notifiable non-licensed work (NNLW). Work involving either the deterioration of non-licensed products, or work on degraded (i.e. those in a poor condition) non-licensed products are classed as NNLW and the work notified to HSE, hence the condition of the material is considered during this survey. Therefore, recommendations are made based upon the surveyors knowledge of the occupation of the property during the survey, and any known future usage or planned works. Priority risk assessments are not UKAS-accredited, and the algorithm in HSE document HSG 227, A comprehensive guide to managing asbestos in premises, is not included in this report.

Please note that the implementation of appropriate remedial measures is a requirement under the Control of Asbestos Regulations 2012 where there is a risk of exposure to asbestos. This will also apply to a refurbishment & demolition surveyed property where the asbestos is not due for immediate removal.

In view of the findings of the survey, and it is known that refurbishment of the building is planned, the following recommendations are made:

- 5.1 It is recommended that if this report is to be used for demolition purposes AEC be employed to revisit the site and investigate behind any previously sampled/presumed installations to ensure no asbestos is present in areas not included within this inspection.
- 5.2 It is recommended that AEC be employed to attend site to access any noted inaccessible areas prior to commencement of refurbishment / demolition, particularly where customer restrictions were placed on the survey such as security, 'sympathetic sampling', live services or weather protection.

5.3	Items requiring immediate remedial action (as soon as possible and ideally within 3 months).
	Item Number: 000001 – Boarding – Ground Floor
	Item Number: 000002 – Boarding – Ground Floor
	Item Number: 000004 – Boarding – Ground Floor
	Item Number: 000005 – Boarding – Ground Floor
	Item Number: 000007 – Boarding – Ground Floor
	Item Number: 000011 – Boarding – Ground Floor
	Item Number: 000013 – Bitumen felt damp proof membrane – Ground Floor
	Item Number: 000024 – Boarding – Ground Floor
	Item Number: 000028 – Boarding – Ground Floor
	Item Number: 000034 – Spray coating – Ground Floor
	Item Number: 000035 – Spray coating – Ground Floor
	Item Number: 000036 – Spray coating – Ground Floor
	Item Number: 000037 – Spray coating – Ground Floor
	Item Number: 000038 – Spray coating – Ground Floor

Item Number: 000039 – Spray coating – Ground Floor
Item Number: 000040 – Spray coating – Ground Floor
Item Number: 000041 – Spray coating – Ground Floor
Item Number: 000042 – Boarding – Roof Void
Item Number: 000043 – Boarding – Roof Void
Item Number: 000044 – Boarding – Roof Void
Item Number: 000045 – Boarding – Roof Void
Item Number: 000046 – Boarding – Roof Void
Item Number: 000047 – Boarding – Roof Void
Item Number: 000048 – Boarding – Roof Void
Item Number: 000049 – Boarding – Roof Void
Item Number: 000053 – Rope – Roof Void
Item Number: 000057 – Boarding packers – Roof Void
Item Number: 000104 – Grey cement flue – Ground Floor
Item Number: 000105 – Boarding – Ground Floor
Item Number: 000109 – Gaskets – Ground Floor
Item Number: 000110 – Gasket – Ground Floor
Item Number: 000111 – White mastic – Ground Floor
Item Number: 000113 – Rope – Ground Floor
Item Number: 000116 – Presumed asbestos bitumen textile wrap – Ground Floor
Item Number: 000122 – Gaskets – Basement 1
Item Number: 000123 – Gaskets – Basement 1
Item Number: 000125 – Discarded large gaskets – 1st Floor
Item Number: 000126 – Discarded small gaskets – 1st Floor
Item Number: 000129 – Rope – 1st Floor
Item Number: 000130 – Boarding fragment – 1st Floor
Item Number: 000145 – Bitumen damp proof course – External
Item Number: 000147 – Felt packers to – External
Item Number: 000148 – Felt packers to – External
Item Number: 000153 – Boarding – External

5.4

Items requiring remedial action in due course (within 6 months).

None

5.5

Management actions to be implemented as soon as possible but have no immediate risk of exposure.

None

5.6

It is recommended that an independent, UKAS accredited asbestos laboratory be employed to manage the asbestos removal, and where appropriate carry out all visual inspections and air monitoring as outlined in HSG 248 Asbestos: The analysts guide for sampling, analysis and clearance procedures.

5.7

If any areas detailed in Section 4.0 Inaccessible Areas are to be accessed or worked upon it is recommended that the areas be subjected to an appropriate survey prior to works commencing. Until that time asbestos should be presumed to be present in these areas.

5.8

It is recommended that, if this report is being relied upon for tendering purposes for refurbishment or demolition works, a suitable contingency sum be included in any such tender to cater for the unlikely event of further asbestos-containing materials being identified within the fabric of the building, or behind identified asbestos installations.

5.9

It is recommended that, if this report is being relied upon for tendering purposes, the amounts of asbestos materials in the building register are approximate estimates only, from the rooms and locations visited. Sites should be visited to confirm exact amounts. HSG 264 states this type of survey is used to help in the tendering for asbestos removal. This report is not a specification.

5.10

Where asbestos has been identified, or installations sampled as suspected asbestos materials, AEC have not been able to investigate further behind these installations for safety and legal (potential licensing) reasons, and there is, therefore, a possibility of further ACMs being present behind this material. Should additional ACMs be identified during any subsequent removal of asbestos, the HSE is unlikely to grant a waiver from the required 14-day notification period. Therefore, where programme is critical it is recommended that either a contingency period/sum be allowed in the programme of works or AEC carry out further investigation behind identified ACMs. This may involve working with a licensed asbestos removal contractor, who will construct an enclosure(s) to allow safe access behind identified ACMs. However, this will involve additional time and cost which has not been allowed for in this survey. It should also be noted that localised access enclosures may also not reveal the full extent of sporadic asbestos installations such as packing boards etc.

N.B.

1.

It is a requirement of the Control of Asbestos Regulations 2012 to use licensed asbestos removal contractors for all significant work with asbestos sprayed coatings, asbestos insulation/lagging, and asbestos insulating board (AIB) and where the Control Limit may be exceeded. This work requires a 14-notification period to HSE or Local Authority (depending on type of premises) prior to commencement of works. Further to this, it is a requirement of the Control of Asbestos Regulations 2012 that work involving either the deterioration of non-licensed products, or work on degraded (i.e. those in a poor condition) non-licensed products be classed as notifiable non-licensed work (NNLW) and the work be notified to HSE. Licensed asbestos removal contractors are not legally required for work with lower risk asbestos products such as asbestos cement, bitumen products, vinyl flooring products, textured coatings etc, or for NNLW work. However, in ALL instances of work with asbestos the requirements of the Control of Asbestos Regulations 2012 will apply and appropriate assessments, plans of work, controls, PPE/RPE and training will be required.

2.

It is a requirement of Regulation 4 of the Control of Asbestos Regulations 2012 that all remedial actions be carried out. Following this, the implementation of an asbestos management plan should be carried out, which should be subject to annual review and include periodic condition inspections of all identified ACMs.

3.

In cases of emergency where the uncontrolled release of asbestos is suspected, AEC can offer

an independent analytical consultancy service for items such as initial advice, sampling, air monitoring and subsequent management of licensed contractors for any make-safe/removal work that may be found to be necessary, by employing licensed contractors for any advice regarding the report or for any technical assistance relating to any other issues then do not hesitate to contact one of the following.

Jim McKeon – Major projects Manager
jim.mckeon@aec.uk.net

James Arkwright – Project team Manager
james.arkwright@aec.uk.net

Darren Evans – Technical Director
darren.evans@aec.uk.net

Barry Oldfield – Operations and Quality Manager
barry.oldfield@aec.uk.net

Daniel Shuttleworth – Quality Manager
daniel.shuttleworth@aec.uk.net

AEC contact details are as follows:

Airborne Environmental Consultants Ltd (AEC)
23 Wheel Forge Way
Ashburton Point
Trafford Park
Manchester
M17 1EH

Telephone: 0161 872 7111
Fax: 0161 872 7112

6.0 MANAGEMENT OF ASBESTOS

Regulation 4 of The Control of Asbestos Regulations 2012 places an explicit duty on persons responsible for buildings (dutyholders) to assess whether asbestos is present and, if so, implement a management plan to safely manage the material. Regulation 4 applies to all nondomestic premises, but includes 'common areas' of domestic buildings, such as stairwells, walkways, risers, lift shafts and machinery, tank rooms etc.

The asbestos survey of the premises and implementation of the asbestos register goes a long way to compliance with the regulations, including risk assessment of existing asbestos materials, which is covered in the recommendations section (Section 5.0) of this report. However, the management plan shall require a priority risk assessment of asbestos materials to be carried out by the duty holder, and while recommendations in this report are based on the survey team's subjective priority assessment, using the material assessment, and the location of the materials, the surveyor is not necessarily aware of the future use, occupation, and / or maintenance of each installation.

There is, however, a duty under the regulations to carry out ongoing asbestos management works in the future, and the management plan should ensure that the identified asbestos installations remain safe. Airborne Environmental Consultants Ltd can provide the following further services to ensure compliance with both the recommendations made in this report, and any future duties to be imposed by the Control of Asbestos Regulations 2012:

- Regular inspections on the condition of asbestos materials in the premises. This is to ensure that the material remains in a safe condition and is labelled. Also assists in the review of the management plan.
- Future management of asbestos. This can include the preparation of priority risk assessments for the management plan, risk assessments for works within the premises, to the preparation of specifications for their removal as required.
- Project management of all asbestos removal / treatment works, including competitive tendering of removal works.
- Independent analytical services such as air sampling following the removal of asbestos, ensuring compliance with existing legislation.
- Liaison with enforcing authorities, such as the Health and Safety Executive or local authority.

AEC have the capability to maintain and to update your asbestos register. This would firstly ensure that asbestos records and procedures are being managed and updated by competent and experienced persons, and also minimise pressure on your management personnel, who would be able to overview the asbestos issue, rather than become involved in the extensive risk assessment and record keeping exercise.






AEC can also host and update your asbestos information on our secure web based asbestos management service called 'the web portal'.

APPENDIX 1

ITEM NUMBER LOCATION PLANS

Item locations can be determined by cross-referencing the drawings in this appendix with appendix 2 - building register

KEY

-  : Item Number (WHITE)
-  : Denotes locations where asbestos may be present. Refer to building register for details (YELLOW)
-  : No access (BLACK - DIAGONAL)
-  : Limitations of survey (PINK OUTLINE)
-  : Removed Item(s) (GOLD CIRCLE)

Please ensure that you view this plan in conjunction with the building register and relevant sections within the report, for full details of asbestos containing materials.

Figure 1 - Demolition Survey - 10.03.20. to 16.03.20 - Basement

Item number locations and extent of identified asbestos products NOT TO SCALE.

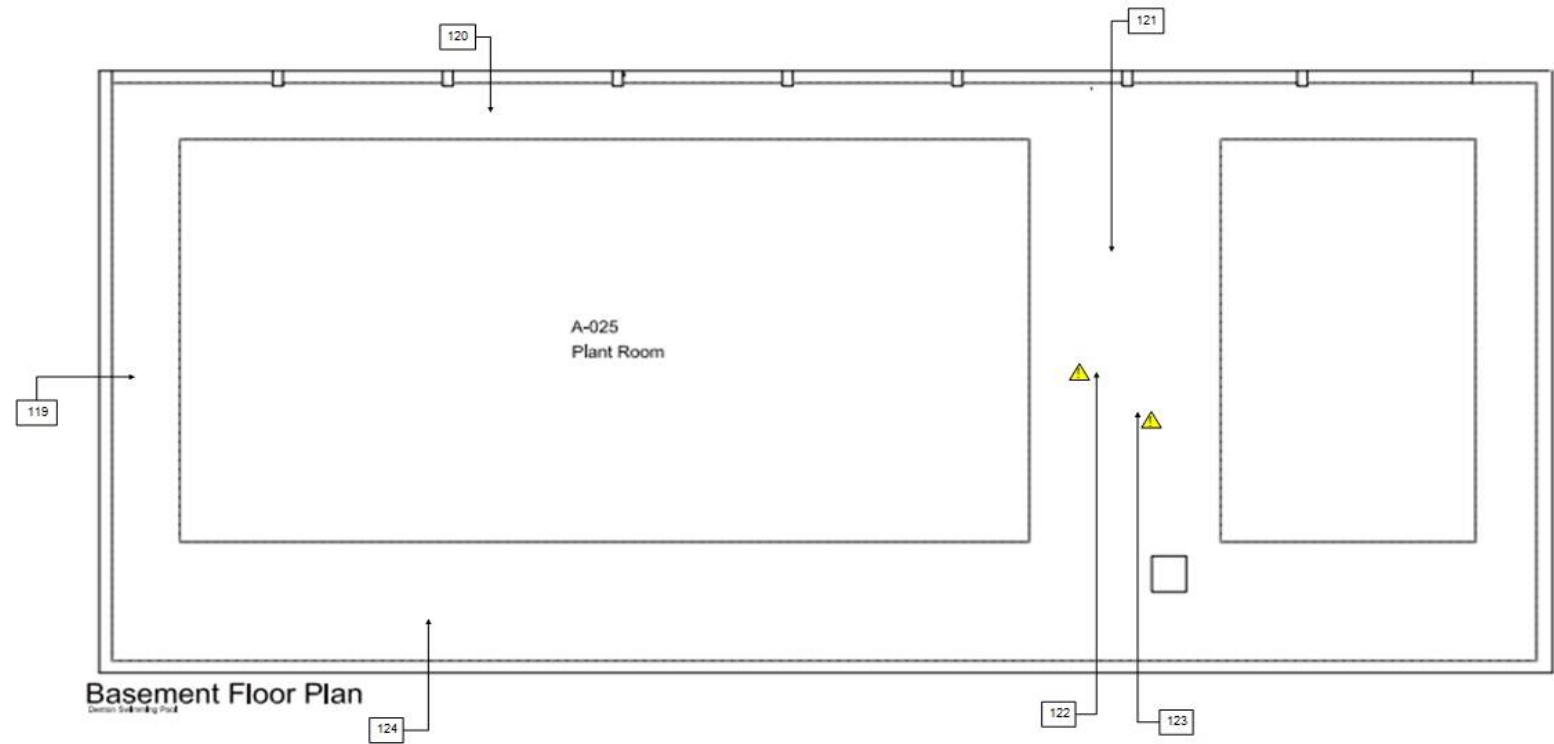
AA Woods Holding Ltd

PROJECT REF: J180264

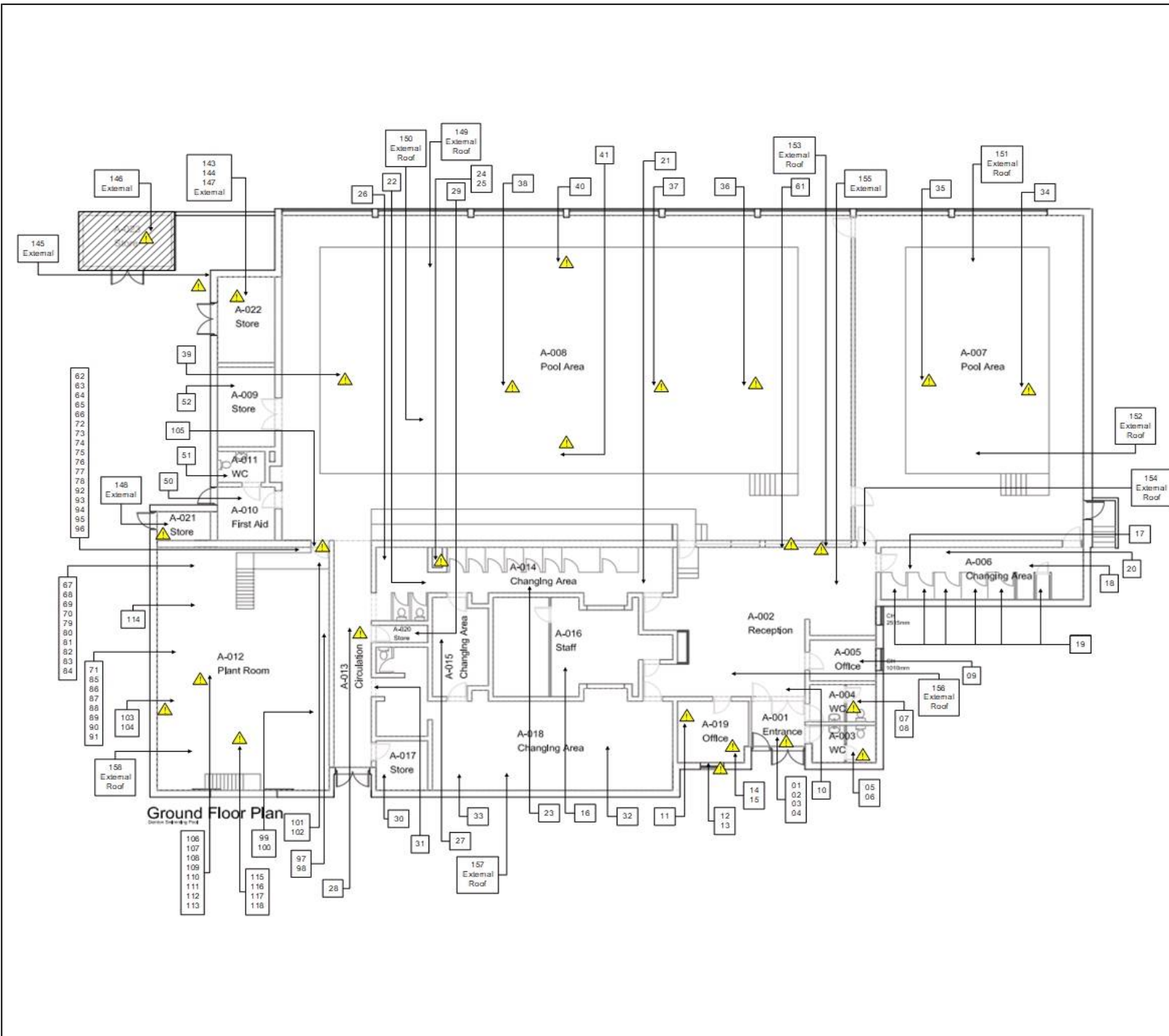


AIRBORNE ENVIRONMENTAL CONSULTANTS LTD.
 23 Wheelforge Way
 Ashburton Point, Trafford Park
 Manchester
 M17 1EH

Tel: 0161 872 7111
 Fax: 0161 872 7112



Date: 23.03.20	Version: 1	Surveyor approval: Karl Koffman	Technical review approval: Robert Lynch
-------------------	---------------	------------------------------------	--



KEY

- : Item Number (WHITE)
- ! : Denotes locations where asbestos may be present. Refer to building register for details (YELLOW)
- : No access (BLACK - DIAGONAL)
- : Limitations of survey (PINK OUTLINE)
- : Removed Item(s) (GOLD CIRCLE)

Please ensure that you view this plan in conjunction with the building register and relevant sections within the report, for full details of asbestos containing materials.

Figure 2 - Demolition Survey - 10.03.20. to 16.03.20 - Ground floor

Item number locations and extent of identified asbestos products NOT TO SCALE.

AA Woods Holding Ltd

PROJECT REF: J180264

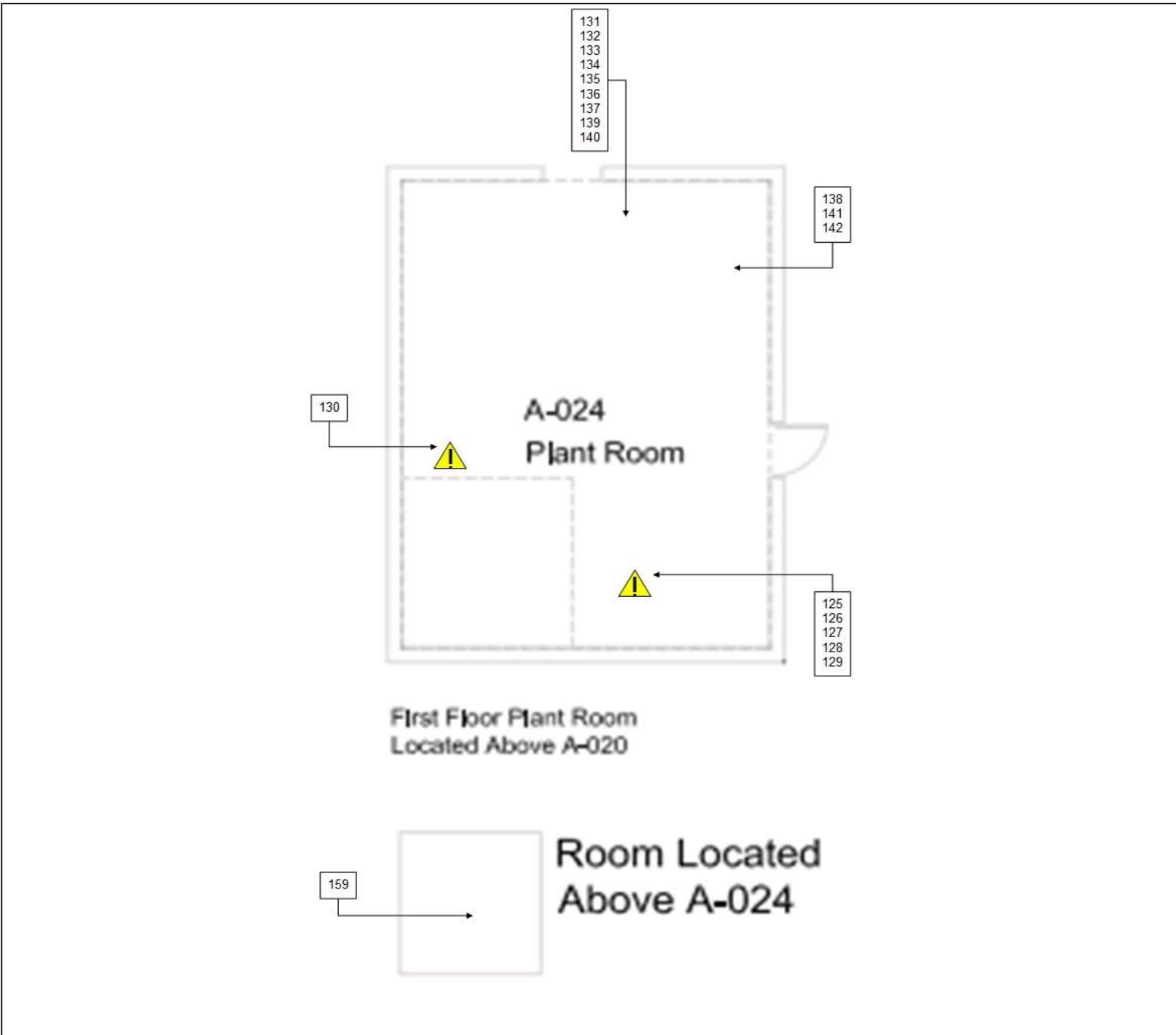


Airborne Environmental Consultants Ltd






AIRBORNE ENVIRONMENTAL CONSULTANTS LTD.
 23 Wheelforge Way
 Ashburton Point, Trafford Park
 Manchester
 M17 1EH

Tel: 0161 872 7111
 Fax: 0161 872 7112

Date: 23.03.20	Version: 1	Surveyor approval: Karl Koffman	Technical review approval: Robert Lynch
-------------------	---------------	------------------------------------	--



KEY

-  : Item Number (WHITE)
-  : Denotes locations where asbestos may be present. Refer to building register for details (YELLOW)
-  : No access (BLACK – DIAGONAL)
-  : Limitations of survey (PINK OUTLINE)
-  : Removed Item(s) (GOLD CIRCLE)

Please ensure that you view this plan in conjunction with the building register and relevant sections within the report, for full details of asbestos containing materials.

Figure 3 - Demolition Survey - 10.03.20. to 16.03.20 - First floor

Item number locations and extent of identified asbestos products NOT TO SCALE.

AA Woods Holding Ltd
PROJECT REF: J180264



AIRBORNE ENVIRONMENTAL CONSULTANTS LTD.
23 Wheelforge Way
Ashburton Point, Trafford Park
Manchester
M17 1EH

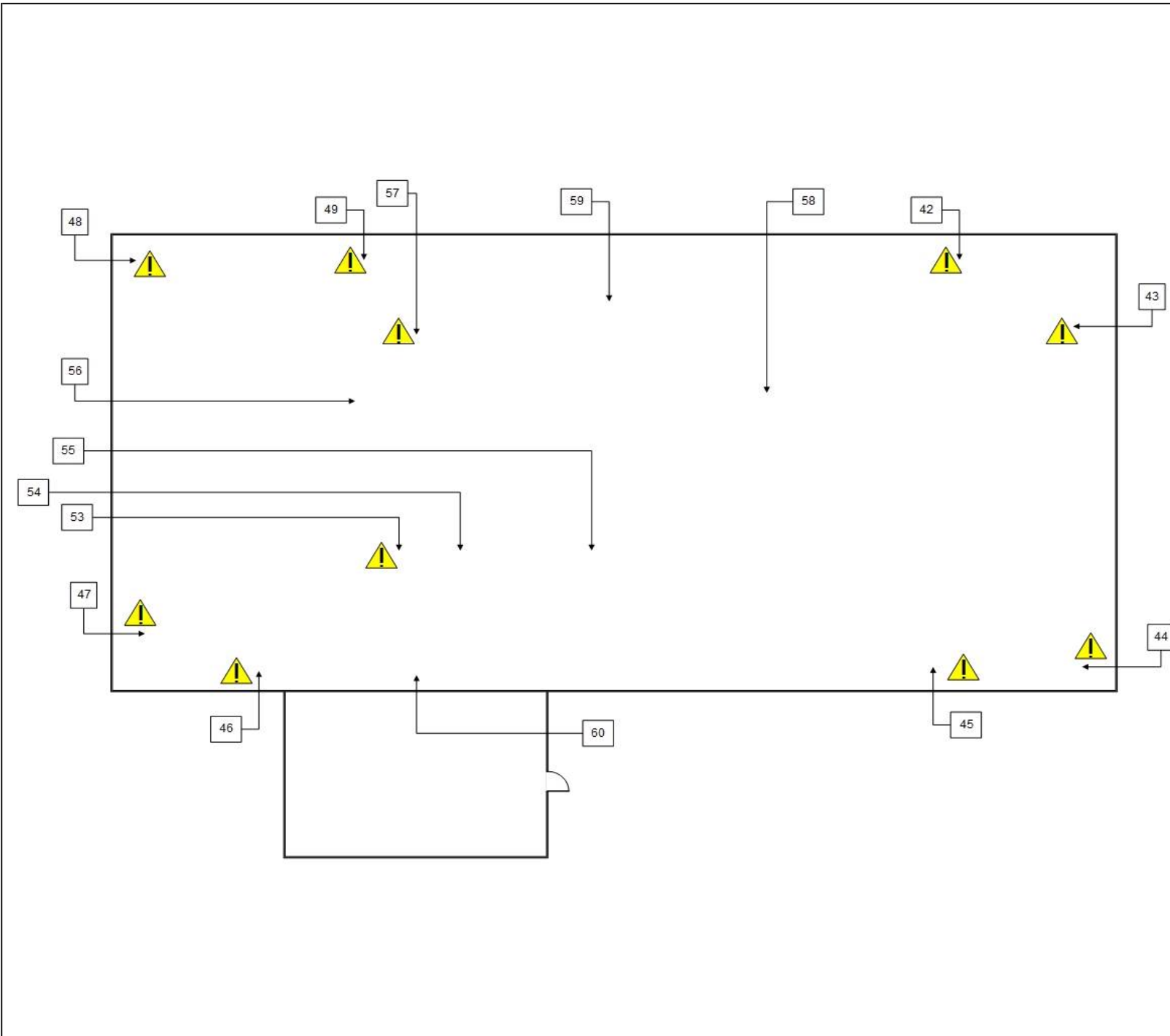
Tel: 0161 872 7111
Fax: 0161 872 7112

Date:
23.03.20

Version:
1

Surveyor approval:
Karl Koffman

Technical review approval:
Robert Lynch



KEY

- : Item Number (WHITE)
- ! : Denotes locations where asbestos may be present. Refer to building register for details (YELLOW)
- / : No access (BLACK - DIAGONAL)
- : Limitations of survey (PINK OUTLINE)
- : Removed Item(s) (GOLD CIRCLE)

Please ensure that you view this plan in conjunction with the building register and relevant sections within the report, for full details of asbestos containing materials.

Figure 4 - Demolition Survey - 10.03.20. to 16.03.20 - Roof Void

Item number locations and extent of identified asbestos products NOT TO SCALE.

AA Woods Holding Ltd

PROJECT REF: J180264



Airborne Environmental Consultants Ltd

AIRBORNE ENVIRONMENTAL CONSULTANTS LTD.
 23 Wheelforge Way
 Ashburton Point, Trafford Park
 Manchester
 M17 1EH

Tel: 0161 872 7111
 Fax: 0161 872 7112


Date:
23.03.20

Version:
1


Surveyor approval:
Karl Koffman

Technical review approval:
Robert Lynch


APPENDIX 2
BUILDING REGISTER AND RESULTS

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A-001 - Entrance - Boarding to the ceiling		
Item No:	000001	Laboratory sample no:	FB004012	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		6		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	

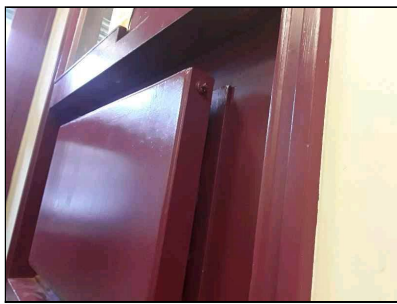
Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments: NOTE - not all architrave prised back as some runs behind the sampled ceiling and it would not be safe to do so. Timber beading around window to office only accessed behind via existing holes so as not to smash the glass.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A-001 - Entrance - Boarding behind the radiator		
Item No:	000002	Laboratory sample no:	FB004013	
Accessibility:		Easy		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		1		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A-001 - Entrance - Felt damp proof course visible below timber skirting		
Item No:	000003	Laboratory sample no:	FB004014	
Accessibility:		N/A		
Installation:		Felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	N/A


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A-001 - Entrance - Boarding to the panel above the radiator		
Item No:	000004	Laboratory sample no:	SP FB004013	
Accessibility:		Easy		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		1		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Surface sealed (1)


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 003 - W.C. - Boarding to the toilet lobby and toilet ceiling		
Item No:	000005	Laboratory sample no:	SP FB004012	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		8		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	

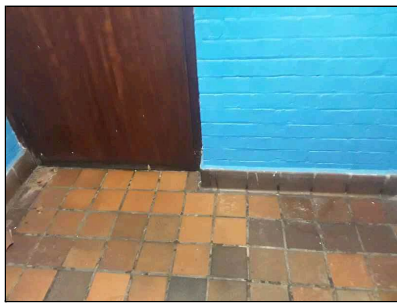
Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments: NOTE - no access behind timber panels of skylight as it is partially attached to the sampled ceiling. NOTE - not all architrave prised back as some runs behind the sampled ceiling and it would be not safe to do so.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 003 - W.C. - Felt damp proof course visible below door frames		
Item No:	000006	Laboratory sample no:	SP FB004014	
Accessibility:		N/A		
Installation:		Felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	

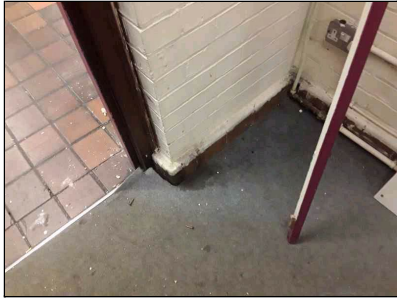
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 004 - W.C. - Boarding to the toilet lobby and toilet ceiling		
Item No:	000007	Laboratory sample no:	SP FB004012	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		8		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments: NOTE - no access behind timber panels of skylight as it is partially attached to the sampled ceiling. NOTE - not all architrave prised back as some runs behind the sampled ceiling and it would be not safe to do so.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 004 - W.C. - Felt damp proof course visible below door frames		
Item No:	000008	Laboratory sample no:	SP FB004014	
Accessibility:		N/A		
Installation:		Felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 005 - Office - Felt damp proof course visible below door frames		
Item No:	000009	Laboratory sample no:	SP FB004014	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 002 - Reception - Boarding tile fragments in metal grid above to secondary suspended ceiling		
Item No:	000010	Laboratory sample no:	FB004015	
Accessibility:	N/A			
Installation:	Boarding			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Negative sampling - polystyrene				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 019 - Office - Boarding to the ceiling		
Item No:	000011	Laboratory sample no:	FB004016	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		15		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Surface sealed (1)


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments: No access behind adjoining skylight					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 019 - Office - Felt packers below the timber window sill		
Item No:	000012	Laboratory sample no:	FB004017	
Accessibility:		N/A		
Installation:		Felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	N/A


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 019 - Office - Bitumen felt damp proof membrane sandwiched within the cavity of the brick wall		
Item No:	000013	Laboratory sample no:	FB004018	
Accessibility:		Moderate		
Installation:		Felt (1)		
Approx extent (m ² unless stated)		Throughout		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment: Completely sealed (0)	


Material Risk Assessment	3	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments: This is likely to be throughout the building					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 019 - Office - No access within the locked safe		
Item No:	000014	Laboratory sample no:	Not sampled	
Accessibility:		No access gained		
Installation:		Unknown (3)		
Approx extent (m ² unless stated)		Unknown		
Asbestos Type:		Presumed asbestos (3)		
Condition:		High damage (3)	Surface Treatment: Unsealed (3)	


Material Risk Assessment	12	Priority Risk Assessment (PA)	N/A	Total Risk	12
Recommendation:	Presume ACMs are present until area has been surveyed				
Comments: No keys made available, sometimes safes contain asbestos textiles around the edge of the door.					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 019 - Office - No access within electric box/fuses			
Item No:	000015	Laboratory sample no:	Not sampled	
Accessibility:	No access gained			
Installation:	Unknown (3)			
Approx extent (m ² unless stated)	Unknown			
Asbestos Type:	Presumed asbestos (3)			
Condition:	High damage (3)	Surface Treatment:	Unsealed (3)	


Material Risk Assessment	12	Priority Risk Assessment (PA)	N/A	Total Risk	12
Recommendation:	Presume ACMs are present until area has been surveyed				
Comments: Fuses can contain asbestos textiles. Fuse box live and we were unsure if an alarm would be activated if we isolated it. (This applies to electricians throughout the building)					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 016 - Staff room - No suspect materials			
Item No:	000016	Laboratory sample no:	Not sampled	
Accessibility:	N/A			
Installation:	Unknown			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Modern distribution board					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 006 - Changing Area - Spray coating to the front half of the ceiling		
Item No:	000017	Laboratory sample no:	FB004019	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	N/A


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 006 - Changing Area - Spray coating to the rear section of the ceiling		
Item No:	000018	Laboratory sample no:	FB004020	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	N/A


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 006 - Changing Area - Lagging to the pipe that runs at low level below bench in cubicles		
Item No:	000019	Laboratory sample no:	FB004021	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Where it runs through the wall it was sampled					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 006 - Changing Area - Felt packers to sandwiched between wall and the timbers behind ventilation grilles		
Item No:	000020	Laboratory sample no:	SP FB004017	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Spray coating to the front section of ceiling		
Item No:	000021	Laboratory sample no:	FB004022	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Spray coating to the rear section of the ceiling		
Item No:	000022	Laboratory sample no:	FB004023	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Felt packers sandwiched between the timber frame and the brickwork of the large vent to the left wall			
Item No:	000023	Laboratory sample no:	SP FB004017	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: No access to the top section of the ventilation shaft as it is too confined a space to access					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Boarding sealing off the top of the riser (accessed from end changing cubicle)			
Item No:	000024	Laboratory sample no:	FB004024	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	1			
Asbestos Type:	Amosite (2)			
Condition:	Medium damage (2)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Felt packers behind the timber frame of the riser		
Item No:	000025	Laboratory sample no:	SP FB004017	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

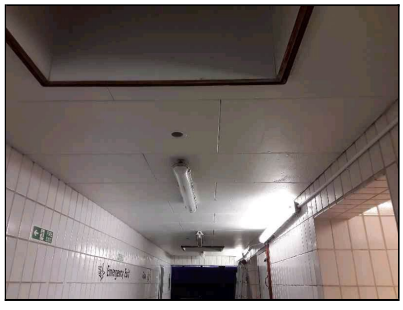
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 014 - Changing Area - Felt packers around the timber frame of the ceiling level boxwork in shower area		
Item No:	000026	Laboratory sample no:	SP FB004017	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 015 - Changing Area - Spray coating to the ceiling			
Item No:	000027	Laboratory sample no:	FB004025	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 013 - Circulation - Boarding to the ceiling			
Item No:	000028	Laboratory sample no:	FB004026	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	30			
Asbestos Type:	Chrysotile + Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:	No access behind skylights as the sampled boarding adjoins it. Limited access within foul drains below this area - plastic packers below timber hatch to the drains.				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 020 - Store - No suspect materials		
Item No:	000029	Laboratory sample no:	Not sampled	
Accessibility:		N/A		
Installation:		Unknown		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: Plastic toilet cisterns, limited access in foul drains					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 017 - Store - Textured coating to the ceiling		
Item No:	000030	Laboratory sample no:	FB004027	
Accessibility:		N/A		
Installation:		Textured coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 018 - Changing Area - Spray coating to the rear section of ceiling (near showers)		
Item No:	000031	Laboratory sample no:	FB004028	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 018 - Changing Area - Spray coating to the front section of the ceiling		
Item No:	000032	Laboratory sample no:	FB004029	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 018 - Changing Area - Felt packers behind the timber frame			
Item No:	000033	Laboratory sample no:	FB004030	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Ceramic tile packers below ducting. Access slightly limited behind ducting to rear right side of boxwork					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 007 - Pool Area - Spray coating to the ceiling (right side)			
Item No:	000034	Laboratory sample no:	FB004031	
Accessibility:	Moderate			
Installation:	Sprayed coating (3)			
Approx extent (m ² unless stated)	>100			
Asbestos Type:	Chrysotile + Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments: NOTE - AS THE POOL HAS BEEN VACANT FOR SOME TIME, THE ENCAPSULATION PAINT TO THE SPRAY COATING HAS BEGAN TO PEEL IN PLACES THROUGHOUT THE POOL AREA BUT THE ITEM IS CURRENTLY STILL FIRMLY IN PLACE.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 007 - Pool Area - Spray coating to the ceiling (left side)		
Item No:	000035	Laboratory sample no:	FB004032	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>100		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling right side		
Item No:	000036	Laboratory sample no:	FB004033	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>200		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling (central right)		
Item No:	000037	Laboratory sample no:	FB004034	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>200		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling (central left)		
Item No:	000038	Laboratory sample no:	FB004035	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>200		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling (left side)		
Item No:	000039	Laboratory sample no:	FB004036	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>200		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling (far side)		
Item No:	000040	Laboratory sample no:	FB004037	
Accessibility:		Moderate		
Installation:		Sprayed coating (3)		
Approx extent (m ² unless stated)		>200		
Asbestos Type:		Chrysotile + Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 008 - Pool Area - Spray coating to the ceiling (near side)			
Item No:	000041	Laboratory sample no:	FB004038	
Accessibility:	Moderate			
Installation:	Sprayed coating (3)			
Approx extent (m ² unless stated)	>200			
Asbestos Type:	Chrysotile + Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to rear wall (above small pool)			
Item No:	000042	Laboratory sample no:	FB004039	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	>300			
Asbestos Type:	Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to right wall (above small pool)		
Item No:	000043	Laboratory sample no:	FB004040	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		>300		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to rear wall (above small pool)		
Item No:	000044	Laboratory sample no:	FB004041	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		>300		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to near wall (above small pool)		
Item No:	000045	Laboratory sample no:	FB004042	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		>300		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to near wall (above large pool)		
Item No:	000046	Laboratory sample no:	FB004043	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		>300		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to left wall (above large pool)		
Item No:	000047	Laboratory sample no:	FB004044	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	>300			
Asbestos Type:	Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to left wall (above large pool)		
Item No:	000048	Laboratory sample no:	FB004045	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	>300			
Asbestos Type:	Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:	Far end near external wall				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding to far wall (above large pool)		
Item No:	000049	Laboratory sample no:	FB004046	
Accessibility:		Moderate		
Installation:		Boarding (2)		
Approx extent (m ² unless stated)		>300		
Asbestos Type:		Amosite (2)		
Condition:		Low damage (1)	Surface Treatment: Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 010 - First Aid - Spray coating to the ceiling		
Item No:	000050	Laboratory sample no:	FB004047	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: No access behind timber skylight panels as the sampled spray is adjoining them					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 011 - W.C. - Spray coating to the ceiling		
Item No:	000051	Laboratory sample no:	SP FB004047	
Accessibility:		N/A		
Installation:		Sprayed coating		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: No access behind ceiling vent as the sampled spray is adjoining them					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 009 - Store - No suspect materials		
Item No:	000052	Laboratory sample no:	Not sampled	
Accessibility:		N/A		
Installation:		Unknown		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Rope to red brackets to ductwork		
Item No:	000053	Laboratory sample no:	FB004048	
Accessibility:		Easy		
Installation:		Rope (2)		
Approx extent (m ² unless stated)		Throughout		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Mastic (orange) to joints in duct work		
Item No:	000054	Laboratory sample no:	FB004049	
Accessibility:		N/A		
Installation:		Mastic		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Mastic (white) around exterior of red brackets of ductwork		
Item No:	000055	Laboratory sample no:	FB004050	
Accessibility:	N/A			
Installation:	Mastic			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Felt underscore fragments to the rear of pool ceiling		
Item No:	000056	Laboratory sample no:	FB004051	
Accessibility:	N/A			
Installation:	Felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Boarding packers to timber frame of light built into pool ceiling		
Item No:	000057	Laboratory sample no:	FB004052	
Accessibility:	Easy			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	2no.			
Asbestos Type:	Amosite (2)			
Condition:	Medium damage (2)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	8	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Bitumen residues to ductwork		
Item No:	000058	Laboratory sample no:	FB004053	
Accessibility:	N/A			
Installation:	Bitumen			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Negative sampling (probably tar that has leaked through from external flat roof)				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Spray coating debris to top of the insulation (throughout - small amounts)		
Item No:	000059	Laboratory sample no:	FB004054	
Accessibility:		N/A		
Installation:		Debris		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Roof Void - Roof void above pools - Felt packers around the timber frame of the door to roof void		
Item No:	000060	Laboratory sample no:	SP FB004017	
Accessibility:		N/A		
Installation:		Felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 002 - Reception - No access below timber frames between small pool and reception area due to it not being possible to inspect beneath without breaking large amounts of glass panelling.			
Item No:	000061	Laboratory sample no:	Not sampled	
Accessibility:	No access gained			
Installation:	Unknown (3)			
Approx extent (m ² unless stated)	Unknown			
Asbestos Type:	Presumed asbestos (3)			
Condition:	High damage (3)	Surface Treatment:	Unsealed (3)	


Material Risk Assessment	12	Priority Risk Assessment (PA)	N/A	Total Risk	12
Recommendation:	Presume ACMs are present until area has been surveyed				
Comments: No safe way of accessing any cavities below windows.					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to elbow of upper large bore green pipe			
Item No:	000062	Laboratory sample no:	FB004055	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Near entrance door /gantry					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe run where it runs level with gantry			
Item No:	000063	Laboratory sample no:	FB004056	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe run where it continues along wall			
Item No:	000064	Laboratory sample no:	FB004057	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

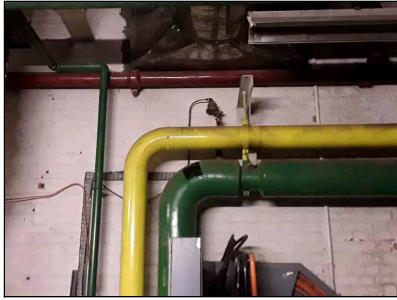
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe (at elbow)			
Item No:	000065	Laboratory sample no:	FB004058	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

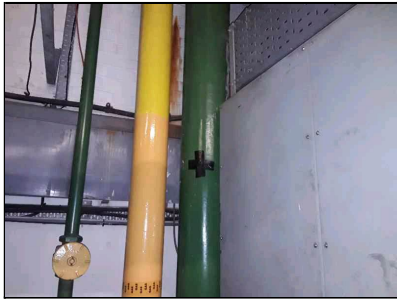
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Where the pipe turn at right angle to far wall					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe run			
Item No:	000066	Laboratory sample no:	FB004059	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Where it runs to back wall					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to elbow of upper green pipe		
Item No:	000067	Laboratory sample no:	FB004060	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Where it turns and runs do the far wall					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe run where it runs down the wall		
Item No:	000068	Laboratory sample no:	FB004061	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to elbow of upper green pipe		
Item No:	000069	Laboratory sample no:	FB004062	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: Where it runs level with the floor					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe where it runs at floor level (at back of boilers)		
Item No:	000070	Laboratory sample no:	FB004063	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe where it runs at floor level (to back of boilers)		
Item No:	000071	Laboratory sample no:	FB004064	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe where it runs down wall (before leaving plant room entering pool area)		
Item No:	000072	Laboratory sample no:	FB004065	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment: N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe elbow where it runs to enter pool area		
Item No:	000073	Laboratory sample no:	FB004066	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to upper green pipe where it begins it's run below pool		
Item No:	000074	Laboratory sample no:	FB004067	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe (large bore) at elbow with gantry		
Item No:	000075	Laboratory sample no:	FB004068	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe run level with gantry		
Item No:	000076	Laboratory sample no:	FB004069	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe run at end of gantry		
Item No:	000077	Laboratory sample no:	FB004070	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe at elbow (above distribution box)		
Item No:	000078	Laboratory sample no:	FB004071	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to run of lower green pipe (section adjacent stairs)		
Item No:	000079	Laboratory sample no:	FB004072	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging where lower green pipe runs/branches off towards the floor		
Item No:	000080	Laboratory sample no:	FB004073	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe elbow at floor level			
Item No:	000081	Laboratory sample no:	FB004074	
Accessibility:	N/A			
Installation:	Sprayed coating			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

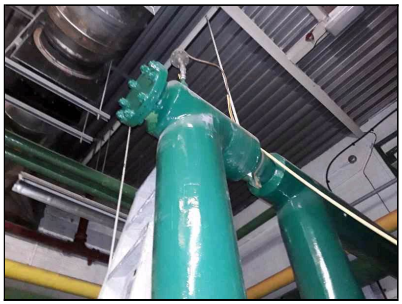
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Right elbow near stairs				

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe elbow at floor level			
Item No:	000082	Laboratory sample no:	FB004075	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Near stairs.				

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe run			
Item No:	000083	Laboratory sample no:	FB004076	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Near stairs				

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower green pipe run where it meet valve			
Item No:	000084	Laboratory sample no:	FB004077	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

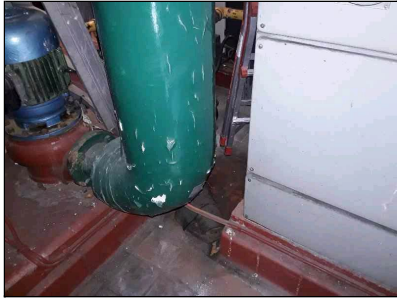
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe (the branch that runs to rear of boilers)low level elbow		
Item No:	000085	Laboratory sample no:	FB004078	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe		
Item No:	000086	Laboratory sample no:	FB004079	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Same branch that runs to back of boilers. Near distribution box					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe at elbow			
Item No:	000087	Laboratory sample no:	FB004080	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Near distribution box					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe			
Item No:	000088	Laboratory sample no:	FB004081	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Level with top of distribution box					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe run as it travels across the top of the boilers			
Item No:	000089	Laboratory sample no:	FB004082	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

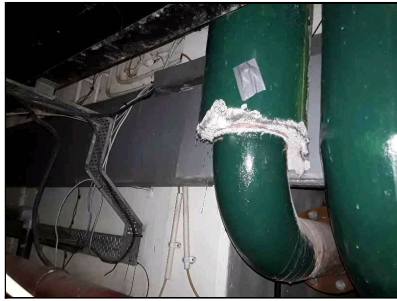
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green pipe elbow (at rear of boilers)			
Item No:	000090	Laboratory sample no:	FB004083	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Damage and debris in this area				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to lower elbow at rear of boiler		
Item No:	000091	Laboratory sample no:	FB004084	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to green section of pipe (where it borders the pool)		
Item No:	000092	Laboratory sample no:	FB004085	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	This is a section of the lower green pipe where it borders the pool area This section is damaged				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to rear small bore green pipe at high level above gantry		
Item No:	000093	Laboratory sample no:	FB004086	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Negative sampling - appeared to be more like calcium insulation and was sampled where accessible. However sampled in several places .					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to front small bore green pipe at high level above gantry		
Item No:	000094	Laboratory sample no:	FB004087	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to rear small bore green pipe running vertically down wall near gantry			
Item No:	000095	Laboratory sample no:	FB004088	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to front small bore green pipe that runs vertically down wall near gantry			
Item No:	000096	Laboratory sample no:	FB004089	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to rear small bore green pipe running at high level above blue water tanks			
Item No:	000097	Laboratory sample no:	FB004090	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: NOTE - This was only accessible from the gantry . It continues its run but above the tanks but unable to access or sample further.					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to front small bore green pipe that runs along wall at high level above blue cylinders			
Item No:	000098	Laboratory sample no:	FB004091	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to front small bore green pipe where it continues its run vertically down the wall to the far side of the blue water tanks			
Item No:	000099	Laboratory sample no:	FB004092	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to rear small bore green pipe as it continues its run down vertically down the wall to the far side of the blue water tanks			
Item No:	000100	Laboratory sample no:	FB004093	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to elbow of front small bore green pipe where it runs above gantry door		
Item No:	000101	Laboratory sample no:	FB004094	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging to elbow of rear small bore green pipe where it runs above gantry door		
Item No:	000102	Laboratory sample no:	FB004095	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Lagging debris to the top of and to floor near central boiler		
Item No:	000103	Laboratory sample no:	FB004096	
Accessibility:	N/A			
Installation:	Debris			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Probably from damaged pipe above boiler					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Grey cement flue running off the central orange discount boiler		
Item No:	000104	Laboratory sample no:	FB004097	
Accessibility:	Moderate			
Installation:	Cement (1)			
Approx extent (m ² unless stated)	51m			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	4	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Boarding within fire door (2 panels spliced within)		
Item No:	000105	Laboratory sample no:	FB004098	
Accessibility:	Moderate			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	3			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Boarding to top of Viscount boiler (and likely to be behind inspection hatches)		
Item No:	000106	Laboratory sample no:	FB004099	
Accessibility:	N/A			
Installation:	Boarding			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Note , its also likely to be behind the other seven metal inspection hatches at the top of the boiler and the meter age accounts for this				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Black mastic to the metal furnace of boiler		
Item No:	000107	Laboratory sample no:	FB004100	
Accessibility:		N/A		
Installation:		Mastic		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Rope to metal seals to the top of the boiler		
Item No:	000108	Laboratory sample no:	FB004101	
Accessibility:		N/A		
Installation:		Rope		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Gaskets to the valve at the front of the viscount boiler		
Item No:	000109	Laboratory sample no:	FB004102	
Accessibility:		Easy		
Installation:		Gasket(s) (2)		
Approx extent (m ² unless stated)		2no.		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Gasket to the floor at front of the Discount boiler		
Item No:	000110	Laboratory sample no:	FB004103	
Accessibility:		Easy		
Installation:		Gasket(s) (2)		
Approx extent (m ² unless stated)		1no.		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment: Surface sealed (1)	

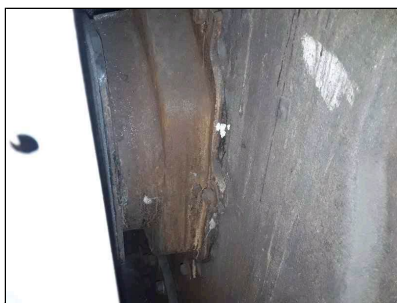
Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - White mastic to the boiler furnace and to the cement flu that comes off the Viscount boiler			
Item No:	000111	Laboratory sample no:	FB004104	
Accessibility:	Easy			
Installation:	Mastic (1)			
Approx extent (m ² unless stated)	10lm			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Completely sealed (0)	


Material Risk Assessment	3	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Brown mastic to the furnace of the Viscount boiler			
Item No:	000112	Laboratory sample no:	FB004105	
Accessibility:	N/A			
Installation:	Mastic			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Rope to the front of the Viscount boiler		
Item No:	000113	Laboratory sample no:	FB004106	
Accessibility:		Easy		
Installation:		Rope (2)		
Approx extent (m ² unless stated)		11m		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment:	Surface sealed (1)


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Gaskets to the green painted valves		
Item No:	000114	Laboratory sample no:	FB004107	
Accessibility:		N/A		
Installation:		Gasket(s)		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	N/A


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Insulation residues to the wall that runs adjacent to gantry/stairs			
Item No:	000115	Laboratory sample no:	FB004108	
Accessibility:	N/A			
Installation:	Residual insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Small amounts throughout the lower sections of that wall					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Presumed asbestos bitumen textile wrap to incoming electrical intake cable			
Item No:	000116	Laboratory sample no:	Not sampled (Presumed)	
Accessibility:	Easy			
Installation:	Textile (2)			
Approx extent (m ² unless stated)	11m			
Asbestos Type:	Crocidolite (or unknown) (3)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	7	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments: No access within any of the live distribution boxes etc in the plant room					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Insulation residues to the wall behind the boilers		
Item No:	000117	Laboratory sample no:	FB004109	
Accessibility:	N/A			
Installation:	Residual insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Ground floor - A - 012 - Plant room - Insulation debris to the floor below the green pipes behind the boiler		
Item No:	000118	Laboratory sample no:	FB004110	
Accessibility:	N/A			
Installation:	Debris			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Textiles to several of the pipe hangers to the left wall behind pool		
Item No:	000119	Laboratory sample no:	FB004111	
Accessibility:	N/A			
Installation:	Rope			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Insulation to ceiling and to the pipes that run close to the ceiling		
Item No:	000120	Laboratory sample no:	FB004112	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	In stalactite form (negative sampling - just caused by pool chemicals)				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Insulation to the small bore lined wrapped pipes that run around the pool		
Item No:	000121	Laboratory sample no:	FB004113	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Negative sampling - modern					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Gaskets to the green valves that run off the metal pipes to the pool		
Item No:	000122	Laboratory sample no:	FB004114	
Accessibility:	Easy			
Installation:	Gasket(s) (2)			
Approx extent (m ² unless stated)	Numerous			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Gaskets to valves on the red pipework		
Item No:	000123	Laboratory sample no:	FB004115	
Accessibility:	Easy			
Installation:	Gasket(s) (2)			
Approx extent (m ² unless stated)	Throughout			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - Basement - A - 025 - Plant room - below pools - Discarded insulation debris in buckets, bags and to the adjacent concrete floor		
Item No:	000124	Laboratory sample no:	FB004116	
Accessibility:	N/A			
Installation:	Debris			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Negative sampling				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Discarded large gaskets to the floor of the concrete plinth		
Item No:	000125	Laboratory sample no:	FB004117	
Accessibility:	Easy			
Installation:	Gasket(s) (2)			
Approx extent (m ² unless stated)	9no.			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Discarded small gaskets to the floor of the concrete plinth		
Item No:	000126	Laboratory sample no:	FB004118	
Accessibility:	Easy			
Installation:	Gasket(s) (2)			
Approx extent (m ² unless stated)	3no.			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Discarded lagging within bucket to the floor			
Item No:	000127	Laboratory sample no:	FB004119	
Accessibility:	N/A			
Installation:	Debris			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the discarded valve to the floor			
Item No:	000128	Laboratory sample no:	FB004120	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Rope to brackets of ductwork		
Item No:	000129	Laboratory sample no:	SP FB004048	
Accessibility:	Easy			
Installation:	Rope (2)			
Approx extent (m ² unless stated)	Numerous			
Asbestos Type:	Chrysotile (1)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	


Material Risk Assessment	5	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Boarding fragment to the floor near the riser		
Item No:	000130	Laboratory sample no:	FB004121	
Accessibility:	Easy			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	<1			
Asbestos Type:	Amosite (2)			
Condition:	High damage (3)	Surface Treatment:	Unsealed AIB/encapsulated lagging (2)	


Material Risk Assessment	9	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Gaskets (white) to the valves of the pipework		
Item No:	000131	Laboratory sample no:	FB004122	
Accessibility:		N/A		
Installation:		Gasket(s)		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the front left large bore pipework (near valves)		
Item No:	000132	Laboratory sample no:	FB004123	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: Near riser . Appeared to be modern.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to front right large bore pipe (near valves)		
Item No:	000133	Laboratory sample no:	FB004124	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: Appeared to be modern.					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to elbow of front left large bore pipe near valves		
Item No:	000134	Laboratory sample no:	FB004125	
Accessibility:		N/A		
Installation:		Insulation		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the elbow of the front right large bore pipe near valves			
Item No:	000135	Laboratory sample no:	FB004126	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

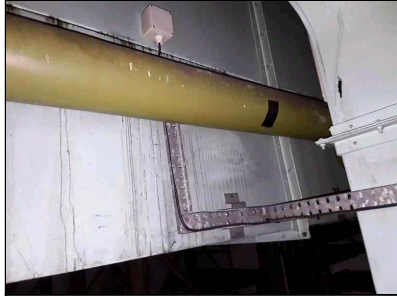
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:	Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to large bore horizontal pipe (upper one) that runs to the rear of the valves			
Item No:	000136	Laboratory sample no:	FB004127	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	Appeared modern				

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the large bore horizontal pipe (lower one) that runs to the rear of the valves		
Item No:	000137	Laboratory sample no:	FB004128	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

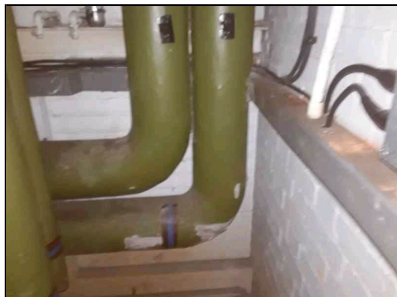
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments: Appeared modern					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the length of the small bore green pipe that runs horizontally to the ductwork		
Item No:	000138	Laboratory sample no:	FB004129	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the elbow of the upper large bore pipe (that runs horizontally behind valves)		
Item No:	000139	Laboratory sample no:	FB004130	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the elbow of the large bore green pipe that runs horizontally behind valves		
Item No:	000140	Laboratory sample no:	FB004131	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the elbow of the small bore green pipe that runs horizontally to the ductwork		
Item No:	000141	Laboratory sample no:	FB004132	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - A - 024 - Plant Room - Lagging to the small bore green pipes (near valves)		
Item No:	000142	Laboratory sample no:	FB004133	
Accessibility:	N/A			
Installation:	Insulation			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:	All lagging within the plant room appeared to be modern.				

Location:		Demolition survey - RA - Externals - 16.03.20 - External - A-022 - Store - Gaskets to flanges on gas pipe		
Item No:	000143	Laboratory sample no:	FA002631	
Accessibility:		N/A		
Installation:		Gasket(s)		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - A-022 - Store - Mastic sealant to gas pipe as it extends through wall from outside		
Item No:	000144	Laboratory sample no:	FA002632	
Accessibility:		N/A		
Installation:		Mastic		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-001 - Perimeter wall - Bitumen damp proof course to low level brick work		
Item No:	000145	Laboratory sample no:	FA002633	
Accessibility:		Moderate		
Installation:		Bitumen (1)		
Approx extent (m ² unless stated)		>100lm		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment:	Completely sealed (0)

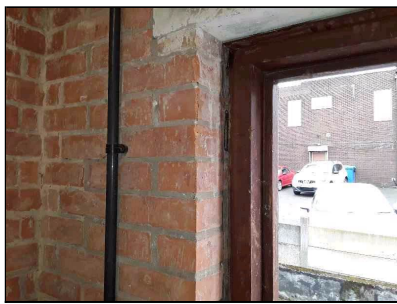
Material Risk Assessment	3	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - A-023 - Store (substation) - Inaccessible due to being live and the responsibility of the utility company		
Item No:	000146	Laboratory sample no:	Not sampled	
Accessibility:		No access gained		
Installation:		Unknown (3)		
Approx extent (m ² unless stated)		Unknown		
Asbestos Type:		Presumed asbestos (3)		
Condition:		High damage (3)	Surface Treatment:	Unsealed (3)

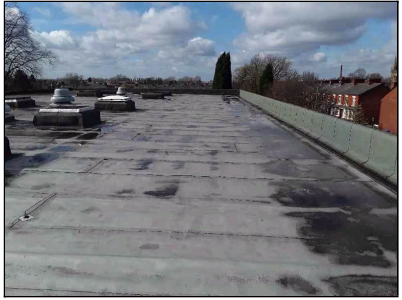
Material Risk Assessment	12	Priority Risk Assessment (PA)	N/A	Total Risk	12
Recommendation:	Presume ACMs are present until area has been surveyed				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - A-022 - Store - Felt packers to timber door frame		
Item No:	000147	Laboratory sample no:	FA002634	
Accessibility:		Easy		
Installation:		Felt (1)		
Approx extent (m ² unless stated)		6no.		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment:	Completely sealed (0)


Material Risk Assessment	3	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - A-021 - Store - Felt packers to timber door frame		
Item No:	000148	Laboratory sample no:	SP FA002634	
Accessibility:		Easy		
Installation:		Felt (1)		
Approx extent (m ² unless stated)		6no.		
Asbestos Type:		Chrysotile (1)		
Condition:		Low damage (1)	Surface Treatment:	Completely sealed (0)


Material Risk Assessment	3	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:		Remove			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-002 - Upper flat roof - Roofing felt to flat roof		
Item No:	000149	Laboratory sample no:	FA002635	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-002 - Upper flat roof - Roofing felt to flat roof		
Item No:	000150	Laboratory sample no:	FA002636	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-002 - Upper flat roof - Roofing felt to flat roof		
Item No:	000151	Laboratory sample no:	FA002637	
Accessibility:	N/A			
Installation:	Roofing felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-002 - Upper flat roof - Roofing felt to flat roof		
Item No:	000152	Laboratory sample no:	FA002638	
Accessibility:	N/A			
Installation:	Roofing felt			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	

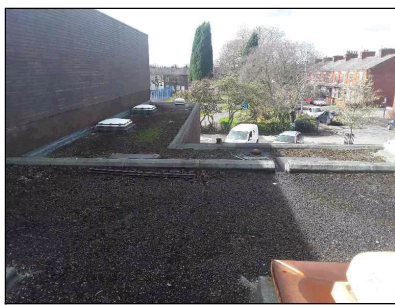
Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-002 - Upper flat roof - Boarding to roof around perimeter of upper flat beneath bitumen roof felt		
Item No:	000153	Laboratory sample no:	FA002639	
Accessibility:	Difficult			
Installation:	Boarding (2)			
Approx extent (m ² unless stated)	100lm			
Asbestos Type:	Amosite (2)			
Condition:	Low damage (1)	Surface Treatment:	Surface sealed (1)	

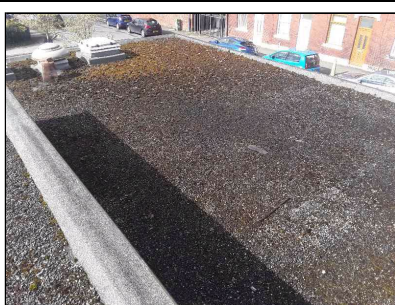
Material Risk Assessment	6	Priority Risk Assessment (PA)	N/A	Total Risk	N/A
Recommendation:	Remove				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-003 - Lower flat roof - Bitumen paper beneath timber cladding and polystyrene insulation around upper flat roof perimeter		
Item No:	000154	Laboratory sample no:	FA002640	
Accessibility:	N/A			
Installation:	Bitumen			
Approx extent (m ² unless stated)	N/A			
Asbestos Type:	NAD			
Condition:	N/A	Surface Treatment:	N/A	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-003 - Lower flat roof - Roofing felt to flat roof		
Item No:	000155	Laboratory sample no:	FA002641	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-003 - Lower flat roof - Roofing felt to flat roof		
Item No:	000156	Laboratory sample no:	FA002642	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	


Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-003 - Lower flat roof - Roofing felt to flat roof		
Item No:	000157	Laboratory sample no:	FA002643	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	

Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition survey - RA - Externals - 16.03.20 - External - EX-003 - Lower flat roof - Roofing felt to flat roof		
Item No:	000158	Laboratory sample no:	FA002644	
Accessibility:		N/A		
Installation:		Roofing felt		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	

Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:	None				
Comments:					

Location:		Demolition Survey - 10.03.20. to 16.03.20 - First floor - Tank Room (located above plant room A 024) - No suspect materials		
Item No:	000159	Laboratory sample no:	Not sampled	
Accessibility:		N/A		
Installation:		Unknown		
Approx extent (m ² unless stated)		N/A		
Asbestos Type:		NAD		
Condition:		N/A	Surface Treatment:	

Material Risk Assessment	0	Priority Risk Assessment (PA)	N/A	Total Risk	
Recommendation:		None			
Comments: Polystyrene cladding to water tank.					

Guidance on the building register and results

For each asbestos item in the register, there is a risk assessment row, which contains a material risk assessment derived using the HSE algorithm from HSG264 Asbestos: The Survey Guide (see table in Appendix 2). The row also contains a priority risk assessment (completed if requested by the customer at quotation stage) derived using the HSE algorithm from HSG227 A Comprehensive Guide to Managing Asbestos. Finally, where a material and priority score have been calculated there is a total risk score, derived by combining the material and priority risk assessment scores. Please note that where present, priority assessments and thus by association total risk scores, are not UKAS accredited risk assessment activities.

The material risk assessment is a general guide to the risk posed by the asbestos-containing materials, using the product type, damage, surface treatment, and asbestos type to give a risk 'score' (for explanations, see below). However, the recommendations in Section 5.0 of this report are not solely a product of this assessment. The survey team, using their experience, observations and current / future usage of the premises gleaned from the customer, give recommendations based on the usage of the area, future activities, and potential for damage.

It is recommended that regular inspections are undertaken to manage asbestos installations as part of a management plan. HSG 264 states that 'the person carrying out inspections and assessing the condition of asbestos must be competent and possess enough knowledge about asbestos to make decisions on its continual management'. Should your company or organisation not have a competent person, or the human resources to implement regular inspections, AEC can offer an asbestos project management services to visit premises, and update your asbestos register.

Explanation of building register and results table:

Item number and sample numbers

This report uses 'item numbers' to denote materials that have been sampled, strongly presumed, or presumed to contain asbestos. These should not be confused with 'sample numbers', which are unique reference numbers given to each sample taken during the survey to ensure that they are traceable through the survey and laboratory analysis process.

The diagrams, tables and photographs (Appendices I, II and IV) all use the item numbers to define any materials that have been assessed (tables also include the sample number for ease of reference).

Sample numbers

The certificates of analysis (Appendix III) use the sample number as a reference guide. Where a material has been sampled, a unique identification number is allocated to every bulk sample obtained for bulk sample analysis. The unique laboratory sample number ensures traceability within AEC's UKAS accredited laboratory system.

Strongly presumed or presumed

Where a material has not been sampled, but is visually similar to a previously sampled material then it shall be cross referenced to the previous sample and noted: 'strongly presumed (SP) as previous sample' and allocated an item number. Where a material has not been sampled, perhaps due to its inaccessibility and cannot be referenced to a previous sample taken for analysis, but is either strongly presumed based upon the surveyor's expert knowledge, or presumed (if there is insufficient evidence to suggest the installation is not asbestos) to contain asbestos, then this material shall be noted as 'strongly presumed' (SP) or 'presumed' (P) and have "Not Sampled" displayed in the laboratory sample number field on the register.

As documented in HSG 264, all inaccessible areas shall be deemed to contain asbestos until can be proven otherwise. Within the limitations of HSG 264, a 'worst case scenario' will be given, which is that the area will contain crocidolite. Presumed products known to have never contained crocidolite, e.g. textured coatings, will be presumed to contain their known asbestos type e.g. chrysotile. Presumptions of asbestos type shall also consider the known construction dates of the building, so properties constructed before 1971 will typically be presumed to contain crocidolite. Properties constructed between 1971 and 1985 asbestos grunerite (amosite), and post 1985 building chrysotile only. However, typically, inaccessible areas are likely to contain similar ACMs to those identified within the building.

Building register/material assessment

Location

A description of the exact location of the asbestos installation on site and its location within a certain area.

Product or installation

Type of material e.g. boarding, floor tiles, insulation etc.

Extent

Visual estimate of area (m²), volume (m³), or length (linear metres), of installation.

Asbestos types

Type of asbestos identified in the material. Samples are analysed in AEC's UKAS accredited laboratory, and certificates of analysis are located in Appendix III of this report.

Condition

Condition of the installation, from as new, to badly damaged.

Surface Treatment

This section states whether the material is exposed, painted, or encapsulated.

Risk assessment

This is gained by adding the 'scores' of the previous sections, using the risk algorithm (see table overleaf).

Recommendations

These are achieved using the risk assessment algorithm, but also known future usage of the premises e.g. if major works are planned. Recommendations are detailed in Section 5.0 of this report.

Remedial action & date

Column to be used as part of the asbestos management plan. This column should be completed after every inspection, removal, encapsulation, labelling etc.

Material Assessment Algorithm

Variable	Score	Examples
Installation / Product type	1	Vinyl, 'Bakelite', Cement
	2	Asbestos insulating board, paper, rope
	3	Pipe insulation, sprayed coating, friable debris
Condition / damage	0	As new
	1	Slight / minor damage
	2	Moderate damage - breakage to surface treatment
	3	Major damage - smashed or exposed material
Surface treatment	0	Non-friable e.g. vinyl
	1	Enclosed insulation, encapsulated AIB
	2	Unsealed AIB, encapsulated insulation
	3	Unsealed insulation or sprayed coating
Asbestos type	1	Chrysotile
	2	Amosite (asbestos grunerite) & other amphiboles
	3	Crocidolite

The scores from each of the four sections are added together to produce a material risk assessment score:

Risk score	Risk assessment
10 or more	High risk
7 - 9	Medium risk
5 - 6	Low risk
4 or below	Very low risk

Priority Assessment

While the material assessment looks at the type and condition of the ACM and the ease with which it will release fibres if disturbed, the priority assessment looks at the likelihood of someone disturbing the ACM. This risk assessment can only be carried out with detailed knowledge of all the above and although a surveyor may have some of the information which will contribute to the risk assessment and may be part of an assessment team, the duty holder is ultimately required to make the risk assessment using the information given in the survey report and your detailed knowledge of the activities carried out within your premises. The overall risk assessment will form the basis of your management plan, so it is important to ensure that it is accurate.

Method of Determination to distinguish Asbestos Insulating Board
from Asbestos Cement

In the Building Register and Results (Appendix II) the terminology 'Board' is used to represent Asbestos Insulating Board (AIB), 'Ceiling Tiles' is used to represent Asbestos Insulating Board Ceiling Tiles, and 'Cement' is used to represent Asbestos Cement (AC).

Where the Lead Surveyor during a survey on site is unsure whether a suspect asbestos containing material (ACM) is AIB or AC the terminology 'Cement / Board' is used and reported in the Building Register and Results (Appendix II) in the installation column.

If there is any doubt about the type of asbestos material after the material has been identified that it is a mixture of asbestos and cement, and reported as 'Cement / Board' in the Building Register and Results (Appendix II) it is recommended to have the water absorption test of a sample calculated to determine whether the materials is asbestos cement or AIB. Asbestos cement, in a dry state will absorb less than 30% water by weight, and the method is documented in the ACoP L143. Airborne Environmental Consultants perform this service to UKAS accredited standard ISO 17025, for further details on the water absorption method please contact our Laboratory Manager.

APPENDIX 3

CERTIFICATE OF BULK FIBRE ANALYSIS

Samples analysed by:

Megan Oldfield
Aleksandra Lesiak
Roy Hilton
Tom Wiggins
Danielle Corbet

m. 

Aleksandra Lesiak









CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FA002631	External - Store - Gaskets to flanges on gas pipe	Pink fragments	-	NAD
FA002632	External - Store - Mastic sealant to gas pipe as it extends through wall from outside	Brown fragments	-	NAD
FA002633	External - Perimeter wall - Bitumen damp proof course to low level brick work	Black / silver fragments	-	Chrysotile
FA002634	External - Store - Felt packers to timber door frame	Black / brown fragments	-	Chrysotile
FA002635	External - Upper flat roof - Roofing felt to flat roof	Black fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked ‘***’ in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, ‘but too thin to identify’** or **FFP/AL = Fine fibres present, asbestos like ‘but too thin to identify’**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FA002636	External - Upper flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002637	External - Upper flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002638	External - Upper flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002639	External - Upper flat roof - Boarding to roof around perimeter of upper flat beneath bitumen roof felt	Beige / black fragments	-	Amosite
FA002640	External - Lower flat roof - Bitumen paper beneath timber cladding and polystyrene insulation around upper flat roof perimeter	Brown / black fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked ‘***’ in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, ‘but too thin to identify’** or **FFP/AL = Fine fibres present, asbestos like ‘but too thin to identify’**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FA002641	External - Lower flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002642	External - Lower flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002643	External - Lower flat roof - Roofing felt to flat roof	Black fragments	-	NAD
FA002644	External - Lower flat roof - Roofing felt to flat roof	Black fragment	-	NAD
FB004012	Ground floor - Entrance - Boarding to the ceiling	Grey fragments	-	Amosite

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004013	Ground floor - Entrance - Boarding behind the radiator	Grey fragments	-	Chrysotile Amosite
FB004014	Ground floor - Entrance - Felt damp proof course visible below timber skirting	Black fragments	-	NAD
FB004015	Ground floor - Reception - Boarding tile fragments in metal grid above to secondary suspended ceiling	White fragments	-	NAD
FB004016	Ground floor - Office - Boarding to the ceiling	Grey fragments	-	Chrysotile Amosite
FB004017	Ground floor - Office - Felt packers below the timber window sill	Black fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004018	Ground floor - Office - Bitumen felt damp proof membrane sandwiched within the cavity of the brick wall	Black fragments	-	Chrysotile
FB004019	Ground floor - Changing Area - Spray coating to the front half of the ceiling	White fragments	-	NAD
FB004020	Ground floor - Changing Area - Spray coating to the rear section of the ceiling	White fragments	-	NAD
FB004021	Ground floor - Changing Area - Lagging to the pipe that runs at low level below bench in cubicles	Brown fragments	-	NAD
FB004022	Ground floor - Changing Area - Spray coating to the front section of ceiling	White fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004023	Ground floor - Changing Area - Spray coating to the rear section of the ceiling	White fragments	-	NAD
FB004024	Ground floor - Changing Area - Boarding sealing off the top of the riser (accessed from end changing cubicle)	Grey fragments	-	Amosite
FB004025	Ground floor - Changing Area - Spray coating to the ceiling	White fragments	-	NAD
FB004026	Ground floor - Circulation - Boarding to the ceiling	Grey fragments	-	Chrysotile Amosite
FB004027	Ground floor - Store - Textured coating to the ceiling	White/brown fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004028	Ground floor - Changing Area - Spray coating to the rear section of ceiling (near showers)	White fragments	-	NAD
FB004029	Ground floor - Changing Area - Spray coating to the front section of the ceiling	White fragments	-	NAD
FB004030	Ground floor - Changing Area - Felt packers behind the timber frame	Black fragments	-	NAD
FB004031	Ground floor - Pool Area - Spray coating to the ceiling (right side)	White/grey fragments	-	Chrysotile Amosite
FB004032	Ground floor - Pool Area - Spray coating to the ceiling (left side)	White/grey fragments	-	Chrysotile Amosite

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)


SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward

Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004033	Ground floor - Pool Area - Spray coating to the ceiling right side	White/grey fragments	-	Chrysotile Amosite
FB004034	Ground floor - Pool Area - Spray coating to the ceiling (central right)	White/grey fragments	-	Chrysotile Amosite
FB004035	Ground floor - Pool Area - Spray coating to the ceiling (central left)	White/grey fragments	-	Chrysotile Amosite
FB004036	Ground floor - Pool Area - Spray coating to the ceiling (left side)	White/grey fragments	-	Chrysotile Amosite
FB004037	Ground floor - Pool Area - Spray coating to the ceiling (far side)	White/grey fragments	-	Chrysotile Amosite

Comments:
 UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004038	Ground floor - Pool Area - Spray coating to the ceiling (near side)	White/grey fragments	-	Chrysotile Amosite
FB004039	Roof Void - Roof void above pools - Boarding to rear wall (above small pool)	Grey fragments	-	Amosite
FB004040	Roof Void - Roof void above pools - Boarding to right wall (above small pool)	Grey fragments	-	Amosite
FB004041	Roof Void - Roof void above pools - Boarding to rear wall (above small pool)	Grey fragments	-	Amosite
FB004042	Roof Void - Roof void above pools - Boarding to near wall (above small pool)	Grey fragments	-	Amosite

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
CUSTOMER: AA Woods Holding Ltd
DETAILS: Alma Street
St Helens
WA9 3AR

CERT NO.: J180264
DATE RECEIVED: 17.03.20
DATE ANALYSED: 18.03.20 - 19.03.20
DATE REPORTED: 23.03.20 (Verbal)
DATE REPORTED: 23.03.20 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward

Table with 5 columns: Sample No., Sample Location, Sample Description, Sample Comments, Asbestos Type(s). Rows include samples FB004043 to FB004047 with locations like Roof Void and Ground floor, and asbestos types like Amosite and NAD.

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked '***' in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are FFP = Fine fibres present, 'but too thin to identify' or FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'. Trace = one or two fibres only were identified. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Table with 2 columns: Signed/Print, Position, Date. Includes a signature and text: Megan Oldfield, Lab Analyst, 19.03.20. Also includes: Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004048	Roof Void - Roof void above pools - Rope to red brackets to ductwork	White fragments	-	Chrysotile
FB004049	Roof Void - Roof void above pools - Mastic (orange) to joints in duct work	Orange fragments	-	NAD
FB004050	Roof Void - Roof void above pools - Mastic (white) around exterior of red brackets of ductwork	White fragments	-	NAD
FB004051	Roof Void - Roof void above pools - Felt underscore fragments to the rear of pool ceiling	Black fragments	-	NAD
FB004052	Roof Void - Roof void above pools - Boarding packers to timber frame of light built into pool ceiling	Grey fragments	-	Amosite

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004053	Roof Void - Roof void above pools - Bitumen residues to ductwork	Black fragments	-	NAD
FB004054	Roof Void - Roof void above pools - Spray coating debris to top of the insulation (throughout - small amounts)	Brown/white fragments	-	NAD
FB004055	Ground floor - Plant room - Lagging to elbow of upper large bore green pipe	Pink fibrous mass	-	NAD
FB004056	Ground floor - Plant room - Lagging to upper green pipe run where it runs level with gantry	Pink fibrous mass	-	NAD
FB004057	Ground floor - Plant room - Lagging to upper green pipe run where it continues along wall	Pink fibrous mass	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004058	Ground floor - Plant room - Lagging to upper green pipe (at elbow)	Pink fibrous mass	-	NAD
FB004059	Ground floor - Plant room - Lagging to upper green pipe run	Pink fibrous mass	-	NAD
FB004060	Ground floor - Plant room - Lagging to elbow of upper green pipe	Pink fibrous mass	-	NAD
FB004061	Ground floor - Plant room - Lagging to upper green pipe run where it runs down the wall	Pink fibrous mass	-	NAD
FB004062	Ground floor - Plant room - Lagging to elbow of upper green pipe	Pink fibrous mass	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004063	Ground floor - Plant room - Lagging to upper green pipe where it runs at floor level (at back of boilers)	Pink fibrous mass	-	NAD
FB004064	Ground floor - Plant room - Lagging to upper green pipe where it runs at floor level (to back of boilers)	Pink fibrous mass	-	NAD
FB004065	Ground floor - Plant room - Lagging to upper green pipe where it runs down wall (before leaving plant room entering pool area)	Pink fragments	-	NAD
FB004066	Ground floor - Plant room - Lagging to upper green pipe elbow where it runs to enter pool area	Pink fragments	-	NAD
FB004067	Ground floor - Plant room - Lagging to upper green pipe where it begins it's run below pool	Pink fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004068	Ground floor - Plant room - Lagging to lower green pipe (large bore) at elbow with gantry	Pink fragments	-	NAD
FB004069	Ground floor - Plant room - Lagging to lower green pipe run level with gantry	Pink fragments	-	NAD
FB004070	Ground floor - Plant room - Lagging to green pipe run at end of gantry	Pink fragments	-	NAD
FB004071	Ground floor - Plant room - Lagging to lower green pipe at elbow (above distribution box)	Pink fragments	-	NAD
FB004072	Ground floor - Plant room - Lagging to run of lower green pipe (section adjacent stairs)	Pink fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004073	Ground floor - Plant room - Lagging where lower green pipe runs/branches off towards the floor	Pink fragments	-	NAD
FB004074	Ground floor - Plant room - Lagging to lower green pipe elbow at floor level	Pink fragments	-	NAD
FB004075	Ground floor - Plant room - Lagging to lower green pipe elbow at floor level	Pink fragments	-	NAD
FB004076	Ground floor - Plant room - Lagging to lower green pipe run	Pink fibrous mass	-	NAD
FB004077	Ground floor - Plant room - Lagging to lower green pipe run where it meet valve	Pink fibrous mass	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004078	Ground floor - Plant room - Lagging to green pipe (the branch that runs to rear of boilers)low level elbow	Pink fibrous mass	-	NAD
FB004079	Ground floor - Plant room - Lagging to green pipe	Pink fibrous mass	-	NAD
FB004080	Ground floor - Plant room - Lagging to green pipe at elbow	Pink fibrous mass	-	NAD
FB004081	Ground floor - Plant room - Lagging to green pipe	Pink fibrous mass	-	NAD
FB004082	Ground floor - Plant room - Lagging to green pipe run as it travels across the top of the boilers	Pink fibrous mass	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked ‘***’ in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, ‘but too thin to identify’** or **FFP/AL = Fine fibres present, asbestos like ‘but too thin to identify’**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004083	Ground floor - Plant room - Lagging to green pipe elbow (at rear of boilers)	Pink fibrous mass	-	NAD
FB004084	Ground floor - Plant room - Lagging to lower elbow at rear of boiler	Pink fibrous mass	-	NAD
FB004085	Ground floor - Plant room - Lagging to green section of pipe (where it borders the pool)	Pink fibrous mass	-	NAD
FB004086	Ground floor - Plant room - Lagging to rear small bore green pipe at high level above gantry	Pink fragments	-	NAD
FB004087	Ground floor - Plant room - Lagging to front small bore green pipe at high level above gantry	Pink fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004088	Ground floor - Plant room - Lagging to rear small bore green pipe running vertically down wall near gantry	Pink fragments	-	NAD
FB004089	Ground floor - Plant room - Lagging to front small bore green pipe that runs vertically down wall near gantry	Pink fragments	-	NAD
FB004090	Ground floor - Plant room - Lagging to rear small bore green pipe running at high level above blue water tanks	Pink fragments	-	NAD
FB004091	Ground floor - Plant room - Lagging to front small bore green pipe that runs along wall at high level above blue cylinders	Pink fragments	-	NAD
FB004092	Ground floor - Plant room - Lagging to front small bore green pipe where it continues its run vertically down the wall to the far side of the blue water tanks	Pink fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked ‘***’ in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, ‘but too thin to identify’** or **FFP/AL = Fine fibres present, asbestos like ‘but too thin to identify’**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004093	Ground floor - Plant room - Lagging to rear small bore green pipe as it continues its run down vertically down the wall to the far side of the blue water tanks	Pink fragments	-	NAD
FB004094	Ground floor - Plant room - Lagging to elbow of front small bore green pipe where it runs above gantry door	Pink fragments	-	NAD
FB004095	Ground floor - Plant room - Lagging to elbow of rear small bore green pipe where it runs above gantry door	Pink fragments	-	NAD
FB004096	Ground floor - Plant room - Lagging debris to the top of and to floor near central boiler	Pink fragments	-	NAD
FB004097	Ground floor - Plant room - Grey cement flue running off the central orange discount boiler	Grey fragments	-	Chrysotile

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004098	Ground floor - Plant room - Boarding within fire door (2 panels spliced within)	Brown fragments	-	Chrysotile
FB004099	Ground floor - Plant room - Boarding to top of Viscount boiler (and likely to be behind inspection hatches)	Cream fragments	-	NAD
FB004100	Ground floor - Plant room - Black mastic to the metal furnace of boiler	Black fragments	-	NAD
FB004101	Ground floor - Plant room - Rope to metal seals to the top of the boiler	Cream fibres	-	NAD
FB004102	Ground floor - Plant room - Gaskets to the valve at the front of the viscount boiler	Grey fragments	-	Chrysotile

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked ‘***’ in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, ‘but too thin to identify’** or **FFP/AL = Fine fibres present, asbestos like ‘but too thin to identify’**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004103	Ground floor - Plant room - Gasket to the floor at front of the Discount boiler	Green fragments	-	Chrysotile
FB004104	Ground floor - Plant room - White mastic to the boiler furnace and to the cement flu that comes off the Viscount boiler	White fragments	-	Chrysotile
FB004105	Ground floor - Plant room - Brown mastic to the furnace of the Viscount boiler	Beige fragments	-	NAD
FB004106	Ground floor - Plant room - Rope to the front of the Viscount boiler	Brown fragments	-	Chrysotile
FB004107	Ground floor - Plant room - Gaskets to the green painted valves	Brown and green fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004108	Ground floor - Plant room - Insulation residues to the wall that runs adjacent to gantry/stairs	Cream fragments	-	NAD
FB004109	Ground floor - Plant room - Insulation residues to the wall behind the boilers	Pink fragments	-	NAD
FB004110	Ground floor - Plant room - Insulation debris to the floor below the green pipes behind the boiler	Pink fragments	-	NAD
FB004111	Basement - Plant room - below pools - Textiles to several of the pipe hangers to the left wall behind pool	Grey fragments	-	NAD
FB004112	Basement - Plant room - below pools - Insulation to ceiling and to the pipes that run close to the ceiling	Cream fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004113	Basement - Plant room - below pools - Insulation to the small bore linen wrapped pipes that run around the pool	Pink fragments	-	NAD
FB004114	Basement - Plant room - below pools - Gaskets to the green valves that run off the metal pipes to the pool	Pink and grey fragments	-	Chrysotile
FB004115	Basement - Plant room - below pools - Gaskets to valves on the red pipework	Green fragments	-	Chrysotile
FB004116	Basement - Plant room - below pools - Discarded insulation debris in buckets, bags and to the adjacent concrete floor	Pink fragments	-	NAD
FB004117	First floor - Plant Room - Discarded large gaskets to the floor of the concrete plinth	Green fragments	-	Chrysotile

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004118	First floor - Plant Room - Discarded small gaskets to the floor of the concrete plinth	Red fragments	-	Chrysotile
FB004119	First floor - Plant Room - Discarded lagging within bucket to the floor	Debris	-	NAD
FB004120	First floor - Plant Room - Lagging to the discarded valve to the floor	Pink fragments	-	NAD
FB004121	First floor - Plant Room - Boarding fragment to the floor near the riser	Grey fragments	-	Amosite
FB004122	First floor - Plant Room - Gaskets (white) to the valves of the pipework	Brown fragments	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward


Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004123	First floor - Plant Room - Lagging to the front left large bore pipework (near valves)	Pink fibrous mass	-	NAD
FB004124	First floor - Plant Room - Lagging to front right large bore pipe (near valves)	Pink fibrous mass	-	NAD
FB004125	First floor - Plant Room - Lagging to elbow of front left large bore pipe near valves	Pink fibrous mass	-	NAD
FB004126	First floor - Plant Room - Lagging to the elbow of the front right large bore pipe near valves	Pink fibrous mass	-	NAD
FB004127	First floor - Plant Room - Lagging to large bore horizontal pipe (upper one) that runs to the rear of the valves	Pink fibrous mass	-	NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified.** This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
 CUSTOMER: AA Woods Holding Ltd
 DETAILS: Alma Street
 St Helens
 WA9 3AR

CERT NO.: J180264
 DATE RECEIVED: 17.03.20
 DATE ANALYSED: 18.03.20 - 19.03.20
 DATE REPORTED: 23.03.20
 (Verbal)
 DATE REPORTED: 23.03.20
 (Document)


SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
 SAMPLED BY: Karl Koffman, Rob Albers, Jason
 Woodward

Sample No.	Sample Location	Sample Description	Sample Comments	Asbestos Type(s)
FB004128	First floor - Plant Room - Lagging to the large bore horizontal pipe (lower one) that runs to the rear of the valves	Pink fibrous mass	-	NAD
FB004129	First floor - Plant Room - Lagging to the length of the small bore green pipe that runs horizontally to the ductwork	Pink fibrous mass	-	NAD
FB004130	First floor - Plant Room - Lagging to the elbow of the upper large bore pipe (that runs horizontally behind valves)	Pink fibrous mass	-	NAD
FB004131	First floor - Plant Room - Lagging to the elbow of the large bore green pipe that runs horizontally behind valves	Pink fibrous mass	-	NAD
FB004132	First floor - Plant Room - Lagging to the elbow of the small bore green pipe that runs horizontally to the ductwork	Pink fibrous mass	-	NAD

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.

Descriptions marked "***" in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are **FFP = Fine fibres present, 'but too thin to identify'** or **FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'**. **Trace = one or two fibres only were identified**. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.

Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed:  Analysis completed at Manchester Laboratory. Authorised on behalf of Airborne Environmental Consultants Ltd.	Print:	Megan Oldfield
	Position	Lab Analyst
	Date:	19.03.20



CERTIFICATE OF BULK FIBRE ANALYSIS

PROJECT REF: J180264
CUSTOMER: AA Woods Holding Ltd
DETAILS: Alma Street
St Helens
WA9 3AR

CERT NO.: J180264
DATE RECEIVED: 17.03.20
DATE ANALYSED: 18.03.20 - 19.03.20
DATE REPORTED: 23.03.20 (Verbal)
DATE REPORTED: 23.03.20 (Document)

SITE DETAILS: Denton Swimming Pool, Victoria Street, Denton, Manchester, , M34 3GU
SAMPLED BY: Karl Koffman, Rob Albers, Jason Woodward

Table with 5 columns: Sample No., Sample Location, Sample Description, Sample Comments, Asbestos Type(s). Row 1: FB004133, First floor - Plant Room - Lagging to the small bore green pipes (near valves), Pink fibrous mass, -, NAD

Comments:

UKAS accredited for identification and site sampling. All analysis in accordance with HSG248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures 2005 and AEC 2 - Procedures manual for asbestos bulk sampling and identification of asbestos fibres.
Descriptions marked '***' in this report/certificate denote information supplied by the customer. AEC cannot take responsibility for the accuracy and representative nature of samples taken by customers. All sample location information given by AEC within the report is the opinion of the surveyor. Sample comments that are FFP = Fine fibres present, 'but too thin to identify' or FFP/AL = Fine fibres present, asbestos like 'but too thin to identify'. Trace = one or two fibres only were identified. This report shall not be reproduced, except in full, without approval of the laboratory, to provide assurance that parts of the report are not taken out of context.
Asbestos types: Chrysotile = white asbestos; † = Asbestos Amosite = brown asbestos; Crocidolite = blue asbestos; Tremolite; Actinolite; Anthophyllite; NAD = No Asbestos Detected.

Signed: [Signature] Print: Megan Oldfield
Position: Lab Analyst
Date: 19.03.20
Analysis completed at Manchester Laboratory.
Authorised on behalf of Airborne Environmental Consultants Ltd.

A guide to asbestos-containing materials in buildings and their asbestos content (listed in approximate order of ease of fibre release)

With the publication of HSG 248 - Asbestos: The analysts' guide for sampling, analysis and clearance procedures issued by the Health and Safety Executive (HSE), the quantitative assessment of asbestos content is outside the scope of UKAS accreditation (ISO 17025). Where analysis identifies only 1 or 2 fibres of asbestos then the term 'trace asbestos identified' is permissible and can be reported on the certificate of bulk fibre analysis. For all other asbestos contents in a building material Table 1 should be used as a guide as to the likely percentage content of asbestos in the building material. For more detailed information please refer to HSE guidance document HSG 264 Asbestos: The Survey Guide. Table 1 below is a summary of Appendix 2: ACMs in buildings in guidance document HSG 264.

Table 1

Asbestos product		Asbestos content
Sprayed coatings.	Dry applied, wet applied and trowelled finish.	55% to 85%. Likely to be present as over spray adjacent to substrate and also debris below.
Thermal insulation.	Hand-applied thermal lagging, pipe and boiler lagging, pre-formed pipe sections, slabs and blocks.	6% to 85%.
	Tape, rope, corrugated paper, quilts, felts and blankets.	Usually ~ 100%.
Asbestos board.	Millboard.	37% to 97%.
	Insulating.	Usually 15% to 25%. Older boards and some marine boards contain up to 40%.
	Insulating board in cores and linings of composite products.	16% to 40%.
Paper, felt and cardboard.		Can contain ~ 100%.
Textiles.	Ropes and yarns.	Approaching 100% unless combined with other fibres.
	Cloth.	Approaching 100%.
	Gaskets and washers.	Variable but usually around 90%.
	Strings.	Approaching 100%.
Friction products.	Resin-based materials.	30% to 70%.
Cement products.	Profiled sheets.	10% to 15%.
	Semi-compressed flat sheet and partition board.	10% to 15%. Also 10% to 25% in wood used for fire doors etc. Composite panels contained ~ 4%.
	Fully compressed flat sheet used for tiles, slates and board.	10% to 15%.
	Pre-formed moulded products and extruded products.	10% to 15%.
Textured coatings.	Decorative/flexible coatings on walls and ceilings.	3% to 5%.
Bitumen products.	Roofing felts and shingles, semi-rigid bitumen roofing, gutter linings and flashings, damp-proof courses and bitumen coatings on metals.	Usually 8%, but paper approximately 100%.
Flooring.	Thermoplastic floor tiles.	Up to 25%.
	PVC vinyl floor tiles and unbacked flooring.	Normally 7%.
	Paper-backed PVC floors.	Approximately 100%.
	Magnesium oxychloride flooring used in WCs, staircases and industrial flooring.	About 2%.
Reinforced PVC.	Panels and cladding.	1% to 10%.
Reinforced plastic and resin composites.	Used for toilet cisterns, seats, banisters, window seals and lab bench tops.	1% to 10%.
	Brakes and clutches in machines.	20% to 50%.

APPENDIX 4
SURVEY METHODOLOGIES

SURVEY METHODOLOGIES

Refurbishment & demolition survey

A refurbishment and demolition survey is needed before any refurbishment or demolition work is carried out. This type of survey is used to locate and describe, as far as reasonably practicable, all ACMs in the area where the refurbishment work will take place or in the whole building if demolition is planned. The survey will be fully intrusive and involve destructive inspection, as necessary, to gain access to all areas, including those that may be difficult to reach. A refurbishment and demolition survey may also be required in other circumstances, e.g. when more intrusive maintenance and repair work will be carried out or for plant removal or dismantling.

There is a specific requirement in CAR 2012 for all ACMs to be removed as far as reasonably practicable before major refurbishment or final demolition. Removing ACMs is also appropriate in other smaller refurbishment situations, which involve structural or layout changes to buildings (e.g. removal of partitions, walls, units etc). Under CDM, the survey information should be used to help in the tendering process for removal of ACMs from the building before work starts. The survey report should be supplied by the client to designers and contractors who may be bidding for the work, so that the asbestos risks can be addressed. In this type of survey, where the asbestos is identified so that it can be removed (rather than to 'manage' it), the survey does not normally assess the condition of the asbestos, other than to indicate areas of damage or where additional asbestos debris may be present. However, where the asbestos removal may not take place for some time, the ACMs' condition will need to be assessed and the materials managed.

Refurbishment and demolition surveys are intended to locate all the asbestos in the building (or the relevant part), as far as reasonably practicable. It is a disruptive and fully intrusive survey, which may need to penetrate all parts of the building structure. Aggressive inspection techniques will be needed to lift carpets and tiles, break through walls, ceilings, cladding and partitions, and open up floors. In these situations, controls should be put in place to prevent the spread of debris, which may include asbestos. Refurbishment and demolition surveys should only be conducted in unoccupied areas to minimise risks to the public or employees on the premises. Ideally, the building should not be in service and all furnishings removed. For minor refurbishment, this would only apply to the room involved or even part of the room where the work is small and the room large. In these situations, there should be effective isolation of the survey area (e.g. full floor to ceiling partition), and furnishings should be removed as far as possible or protected using sheeting. The 'surveyed' area must be shown to be fit for reoccupation before people move back in. This will require a thorough visual inspection and, if appropriate (e.g. where there has been significant destruction), reassurance air sampling with disturbance. Under no circumstances should staff remain in rooms or areas of buildings when intrusive sampling is performed.

There may be some circumstances where the building is still 'occupied' (i.e. in use) at the time a 'demolition' survey is carried out. For example in the educational sector, refurbishment/demolition surveys may be conducted in schools or colleges during one closure period (e.g. holidays) and the work not undertaken until the next holiday period. Also, a demolition survey maybe conducted to establish the economic future or viability of a building(s). The survey results would determine the outcome. In such situations, the 'survey' will need extremely careful managing with personnel and equipment/furnishings being decanted and protected (as necessary), while the survey progresses through the building. Again, there should be effective isolation of the survey areas and the 'surveyed' area must be shown to be fit for reoccupation before personnel reoccupy.

The survey was carried out in accordance with the HSE document HSG 264 Asbestos: The Survey Guide, and AEC's UKAS accreditation as a Type 'C' inspection body (number 0232). All sample analysis is carried out in AEC's UKAS accredited laboratory (testing laboratory 2054).

The survey was carried out by an experienced survey team, who inspect all safely accessible parts of the building, and look for any installation that potentially could contain asbestos.

Any suspect materials were sampled and subsequently analysed in accordance with HSG 248 - 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures'. This method identifies the asbestos types present.

Samples are taken using low - disturbance techniques, whereby a small amount of material will be taken, after firstly wetting the sample location with a polyvinyl acetate (PVA) solution spray. This minimises the release of asbestos fibres during the process. Air monitoring carried out during sampling work of this type has shown airborne fibre concentrations to stay below the clearance indicator level of 0.01 fibres per millilitre of air.

Sampled materials are immediately placed in sealable, airtight sample bags and appropriately labelled. Sample points will be suitably filled / sealed using PVA spray, 'Polyfilla' or adhesive tape.

Survey restrictions and caveats

The value and usefulness of the survey can be seriously undermined where either the client or the surveyor imposes restrictions on the survey scope or on the techniques/method used by the surveyor. Information on the location of all ACMs, as far as reasonably practicable, is crucial to the risk assessment and development of the management plan. Any restrictions placed on the survey scope will reduce the extent to which ACMs are located and identified, incur delays and consequently make managing asbestos more complex, expensive and potentially less effective.

In refurbishment surveys, the area and scope of the work will need to be agreed between the dutyholder and the surveyor. In these surveys and in demolition surveys there should be no restrictions on access unless the site is unsafe (e.g. fire-damaged premises) or access is physically impractical. The level of intrusion will be significantly greater than with management surveys. It will include accessing structural areas, between floors and walls and underground services. Some areas may be difficult to gain entry to and/or may need specialist assistance or equipment. Access arrangements need to be fully discussed in the planning stage and form part of the contract, particularly where assistance has to be engaged. Where access has not been possible during refurbishment and demolition surveys, these areas must be clearly located on plans and in the text of the report to allow the refurbishment and demolition processes to be progressive in those areas. Any ACMs must be identified and removed at this time. It is now recognised that even with 'complete' access demolition surveys, all ACMs may not be identified and this only becomes apparent during demolition itself. Surveyors need to be competent to do all the relevant work and tasks in this class of surveys. They will need some knowledge of construction, be able to carry out the work safely and without risk to health, have the correct equipment to do the work and have the appropriate insurance.

If any restrictions have to be imposed on the scope or extent of the survey, these items must be agreed by both parties and clearly documented. They should be agreed before work starts (e.g. at the preliminary site meeting and walk-through inspection or during discussion) and are likely to form part of the contract. If during the survey, the surveyor is unable to access any location or area for any reason, the dutyholder must be informed as soon as possible and arrangements made for later access. If access is not possible, then the survey report should clearly identify these areas not accessed. Limitations should be kept to an absolute minimum by ensuring that staff are adequately trained, insured and have the appropriate equipment and tools.

N.B. For surveys where only partial access is provided for intrusion into a building, either by virtue of the need for the building to remain occupied, for restriction on the degrees of damage permitted to the building or for services to remain live, the survey cannot be classified as a full refurbishment & demolition investigation of the structure and will be classed within the report as an extended management survey. This will better highlight that some areas have not received full access into the structure and focus the need for potential further localised investigation prior to any planned refurbishment or demolition works.

In the case of refurbishment & demolition surveys, the presumption is made that all identified asbestos containing materials will be removed as these surveys are undertaken prior to major refurbishment or demolition exercises. It is possible, in certain circumstances, that some identified asbestos containing materials may be left in a building if they do not interfere with a planned refurbishment. In this case the safe management of these materials is still a regulatory requirement and the location of any remaining asbestos must be communicated to the occupants of the refurbished areas and anybody who may potentially disturb them.

Please refer to the pre-site agreement form for further clarification on surveys.

The surveyors do not disturb any suspected asbestos installation in any other way than to take a representative sample. This measure shall minimise the risk of asbestos fibre release, but shall prevent access above/behind a suspected asbestos installation. It is possible, therefore, that further asbestos materials could be present behind an existing asbestos installation.

All relevant sample point data is recorded and shown in the final report e.g. accessibility, condition, extent of material, etc. The pertinent data required to carry out a material risk assessment is recorded and the risk rating for each asbestos installation is given in Appendix II.

The material risk assessment is an assessment of the ability of the identified asbestos installations to release fibres into the air. It is not an assessment of the likelihood of damage to the materials identified. The likelihood of damage or disturbance would be determined by carrying out a priority assessment. In order to achieve this, a thorough understanding of the activities on the site is required and therefore this is a responsibility placed on the duty holder as defined in the Control of Asbestos Regulations 2012.

As discussed above, refurbishment & demolition surveys require destructive access into sealed voids and cavities within a structure, so far as is reasonably practicable. For this reason refurbishment & demolition surveys should only be undertaken prior to a major refurbishment or demolition where the damage caused to the structure will not be of concern. In addition, refurbishment & demolition surveys should only be undertaken when the building has been isolated from all sources of energy including power, gas, water etc. Surveyors may be placed at significant risk if they break into parts of the building where services are still live. If services are still connected to the building being surveyed AEC shall revert to a management survey standard for safety reasons and inform the customer as soon as possible. This type of survey will require destructive access into sealed voids which may cause significant disturbance of previously unidentified asbestos. This could place occupants or persons working nearby at significant risk. As a consequence, AEC cannot accept responsibility for any damage caused during a refurbishment & demolition survey within the agreed scope of survey, or the costs associated with the clean-up, repair or remediation arising from it, as this type of survey requires this damage to occur.

In order to safely carry out this type of survey, AEC will make localised inspection holes into sealed areas. In some locations it may not be possible to see the entirety of a void or cavity from an access hole (this may require the complete removal or demolition of a wall, floor, ceiling etc.). This may result in the failure to identify non-uniform or localised installations of asbestos product. AEC will not remove entire walls ceilings etc as part of a survey or carry out significant disturbance of structural elements of a building. This lies outside of AEC's area of competence and will put our survey teams and others potentially at risk, as this is deemed demolition as opposed to surveying.

In refurbishment & demolition surveys, AEC shall make periodic access into any obvious non-asbestos insulation materials but shall not remove all insulation coverings. It is possible therefore that some localised areas of asbestos may not be identified beneath non-asbestos insulation coverings.

Where access is required behind previously identified asbestos materials e.g. AIB ceilings, then a licensed asbestos removal contractor will be employed, and following a 14-day notification to the relevant authority, the asbestos materials will be removed under fully controlled conditions, to inspect behind. A certificate of reoccupation will be required prior to dismantling the enclosure. This will only take place with prior agreement with the customer and a full discussion on the costs and programme involved.

During refurbishment & demolition surveys AEC will not normally break through concrete slab floors unless specifically requested to do so by the customer. In such circumstances a specialist contractor will be required to undertake the breaking work and be paid for by the customer. It is common to find sub-slab pipe ducts in many types of property which often have asbestos lagging and shuttering boards present.

AEC shall not break into structural elements of a building such as brick walls, cavity walls, chimney stacks etc. where it may place the survey team and others at risk of structural collapse i.e. in structurally unsafe buildings. Any asbestos products present in these areas may not be identified during the survey and therefore caution must be applied during the breakthrough / dismantling of structural elements of a building.

Where buildings have been boarded for security reasons, AEC shall not be responsible for any asbestos containing materials present behind security fixtures unless these have been removed by the customer. This is likely to effect doorways and windows primarily.

AEC shall not break through installations where this could result in injury to other persons, e.g. high level windows/walls on the exterior of a building where materials could fall onto public pavements etc.

It must be noted that AEC have not inspected areas of the property/structure which would cause structural or security problems to the property prior to refurbishment or demolition. AEC will not remove window casings, for example, if the property must remain secure or is to be re-occupied. Breakthroughs of roof, particularly flat roofs which are known to have asbestos layers, will not be carried out if the building is to remain in-situ for a period of time, as this will affect the weather integrity, and as a result, safety of the property.

AEC have not carried out any works considered to be demolition, to access parts of the property, such as removal of steel joists, stairwells, or concrete slabs / cavity closures, as this is not deemed reasonably practicable in an asbestos survey. Should access to these areas be specific to the work, then the survey may need to be completed at actual demolition. It is not deemed reasonably practicable for the asbestos survey team to grub-up concrete slabs, remove underground tanks, or concrete lintels etc. without the assistance of a demolition contractor and heavy plant and machinery. Furthermore, extensive sampling does not ensure common items such as shuttering beneath concrete, or packers used in construction are identified in their entirety, due to the random nature of their use.

All materials sampled and suspected to contain asbestos will not be removed by the survey team to look behind for further suspect materials, as removing asbestos materials may pose a risk to health and breach CAR 2012, such as licensing requirements.

APPENDIX 5
GENERAL RESTRICTIONS

GENERAL RESTRICTIONS

AEC have instructed all survey teams that health and safety considerations are paramount during our work. If the survey team find an area where access or sampling will present a risk to themselves or others, they have been given authority to cease works until such time that the risk can be controlled to acceptable levels. This may include accessing confined spaces, work at heights, work near active equipment or processes etc. If such a situation arises, AEC shall inform the customer and explore the possible solutions to the problem. In such instances, AEC will expect the customer to sign to show that the restriction has been agreed.

It should be noted that the findings of the survey are discussed across the report in its entirety. Readers should note the contents in all sections of the report and should not rely purely on the information given in individual sections of the report.