

Report No.: J102752
Nature of Work: Demolition Survey
Issue Date: 26/09/2018
Client Name: WYG Engineering Ltd
Geneva Building, Lake View Drive, Sherwood Business Park,
Annesley, Nottingham, NG15 0ED
Site Address: Howes Building, Former City North Campus, Birmingham City
University, Perry Barr, B42 2US



Order Placed By: Reg 13(1)
Site Contact: Reg 13(1)
Date(s) of Work: 24/08/2018
Technical Manager: Reg 13(1) (Asbestos)
Assistant Surveyor(s): Reg 13(1)

Lead Surveyor:

Reg 13(1)

Authorised Signatory:

Reg 13(1)

Reg 13(1)

Asbestos Consultant

Reg 13(1)

Technical Review Officer and Deputy Lab Supervisor

26 Sep 2018
*Non-accredited tests are present within this report.

Head Office:
20 Stourbridge Road,
Halesowen, West Midlands
B63 3US
Tel: 0121 550 0224 Fax: 0121 550 0641
Email: sales@bradley-enviro.co.uk



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1.0 Introduction & Scope of Work

A demolition survey in line with HSG264 Asbestos: The Survey Guide was carried out internally and externally to the property.

1.1 Aims & Objectives

The purpose of the survey was to locate, as far as reasonably practicable, the presence and extent of all suspect ACMs prior to demolition.

This survey was conducted for the specific project(s) stated above. Additional or alternative tasks over and above that mentioned will require a supplementary investigation to identify further ACMs that could potentially be disturbed by the task(s) at hand.

1.2 Caveats, Restrictions & Inaccessible Areas

The value and usefulness of a survey can be seriously undermined where either the client or the surveyor imposes restrictions on the survey scope (HSG264).

If any rooms were not accessed during the inspection, they will be indicated on the building plans (in yellow block) in section 5.

Where a room was accessed but specific elements within the room could not be inspected, caveats and their justification will be detailed in section 7.

It is strongly recommended that the client reviews the (general) caveats noted in sections 1.3 and/or 1.4 below, as well as the (room-specific) caveats cited in sections 5 and 7 as soon as possible upon receipt of the report. If the extent of access is less than required, the client should advise the Technical Management Team to arrange additional inspection work as necessary.

1.3 Pre-agreed Caveats:

No access was made to determine the presence or absence of ACMs in either the floor slabs or building foundations.

No safe access was available internally to items of electrically connected plant and equipment. The presence of ACMs internally to such items may therefore have been presumed at the surveyor's discretion.

No access was required beyond ACMs (i.e. into voids or cavities etc) where the services of a licensed asbestos removal contractor would be required to provide safe access.

All land associated with the building such as surrounding grassed verges etc. are not included within the scope of these works and therefore remain unsurveyed.

All incoming services to the building were only investigated above ground level once they had entered the building therefore all sub ground water, gas and electric connections remain un-surveyed.

All outgoing services such as drainage routes were not included within the scope of these works and therefore remain un-surveyed.

All lift shafts will not be accessed as agreed with the client during the pre start period. therefore they will remain unsurveyed at this time

Please note that, although a thorough and methodical survey strategy was adopted, it is possible that further ACMs may be present, and are unreported in this survey. HSG264 Asbestos: the survey guide states that "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."

1.4 Surveyor Imposed Caveats:

No surveyor imposed caveats were noted during this survey.

1.5 UKAS Accreditation

Bradley Environmental are accredited by UKAS to both ISO17025 (testing) and ISO17020 (inspections). Please note that the following are outside the scope of UKAS Accreditation:

- Opinions & interpretations;
- Priority assessment;
- Recommendations;
- The sample references cited in section 8.0.

1.6 'Licensable' Abatement

Where an asbestos-containing material is stated as being licensable within section 4 of this report, this is merely a qualified opinion and may not in practice be an absolute fact.

1.7 Extent of ACM Identified

Please note that the extents cited within this report are an approximation only and should not be used for the purposes of quoting asbestos removal works.

1.8 Presumption or Identification of ACMs

Where suspect materials have been located during this investigation, their asbestos content (or otherwise) will have been determined as follows:

A sample of the material will have been taken by the surveyor during the survey. This sample will then have been **analysed using polarised light microscopy** (PLM) to determine its asbestos content.

A material's asbestos content will have been **strongly presumed** where a visual inspection by the lead surveyor indicates the material is visually similar to other items present within the building which have been confirmed to contain asbestos (or otherwise) using PLM.

A material's asbestos content will have been **presumed** where it cannot be accessed or inspected.

2.0 Recommendations

Please note that where a management survey was carried out, individual recommendations related to safe management of each ACM has been cited by the surveyor in section 4.0.

Where a refurbishment or demolition survey was carried out, the recommendation for each item has been defaulted to 'program removal' in line with Regulation 7 of CAR2012.

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3.0 Executive Summary

As required by HSG264 Asbestos: The survey guide, the following sections contain an executive summary of the survey findings.

3.1 Executive Summary of Asbestos Containing Materials (ACMs) by Risk

The following pages show an executive summary of the ACMs located during these works ranked in order of risk (i.e. the highest risk item will be at the top of the page).

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
As DU002187	Ground Floor	Birmingham City University	NHOG12 Gallery	Asbestos Vinyl	Chrysotile	Strongly presumed	12 m ²	8	Program removal
DU002185	Ground Floor	Birmingham City University	NHOG16 Clothes Room	Asbestos Vinyl	Chrysotile	Analysis of sample using PLM	16 m ²	9	Program removal
As DU002185	Ground Floor	Birmingham City University	NHOG99B	Asbestos Vinyl	Chrysotile	Strongly presumed	30 m ²	8	Program removal
As DU002185	Ground Floor	Birmingham City University	NHOG23 Office	Asbestos Vinyl	Chrysotile	Strongly presumed	12 m ²	9	Program removal
As DU002185	Ground Floor	Birmingham City University	NHOG24 Office	Asbestos Vinyl	Chrysotile	Strongly presumed	12 m ²	9	Program removal
As DU002185	Ground Floor	Birmingham City University	NHOG25 Office	Asbestos Vinyl	Chrysotile	Strongly presumed	18 m ²	9	Program removal

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
DU002186	Ground Floor	Birmingham City University	NHOG17 Photocopy room	Asbestos Vinyl	Chrysotile	Analysis of sample using PLM	18 m ²	9	Program removal
As DU002186	Ground Floor	Birmingham City University	NHOG18 Kitchen	Asbestos Vinyl	Chrysotile	Strongly presumed	16 m ²	9	Program removal
As DU002186	Ground Floor	Birmingham City University	NHOG19 Senior Manager	Asbestos Vinyl	Chrysotile	Strongly presumed	18 m ²	9	Program removal
As DU002186	Ground Floor	Birmingham City University	NHOG28 Office	Asbestos Vinyl	Chrysotile	Strongly presumed	45 m ²	9	Program removal
As DU002186	Ground Floor	Birmingham City University	NHOG99C	Asbestos Vinyl	Chrysotile	Strongly presumed	20 m ²	9	Program removal
DU002187	Ground Floor	Birmingham City University	NHOG03	Asbestos Vinyl	Chrysotile	Analysis of sample using PLM	3 m ²	8	Program removal

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
As DU002187	Ground Floor	Birmingham City University	NHOG10 Staff room	Asbestos Vinyl	Chrysotile	Strongly presumed	16 m ²	8	Program removal
DU002178	Ground Floor	Birmingham City University	NHOG14 Playroom	Asbestos Reinforced plastic soil pipe	Chrysotile	Analysis of sample using PLM	4 linear metres	8	Program removal
DU002179	Ground Floor	Birmingham City University	NHOG01 Office	Asbestos Reinforced plastic soil pipe	Chrysotile	Analysis of sample using PLM	4 linear metres	8	Program removal
As DU002174	Ground Floor	Birmingham City University	NHOG02 WC	Asbestos Reinforced plastic sleeves	Chrysotile	Strongly presumed	10 units	8	Program removal
DU002184	Ground Floor	Birmingham City University	NHOG21 Childcare office	Asbestos Reinforced plastic cistern	Chrysotile	Analysis of sample using PLM	4 linear metres	8	Program removal
As DU002186	Ground Floor	Birmingham City University	NHOG31 Store	Asbestos Vinyl	Chrysotile	Strongly presumed	2 m ²	8	Program removal

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
As DU002182	Ground Floor	Birmingham City University	NHOG23 Office	Asbestos Reinforced plastic sleeve	Chrysotile	Strongly presumed	2 units	7	Program removal
As DU002182	Ground Floor	Birmingham City University	NHOG25 Office	Asbestos Reinforced plastic sleeve	Chrysotile	Strongly presumed	2 units	7	Program removal
As DU002174	Ground Floor	Birmingham City University	NHOG99A	Asbestos Reinforced plastic sleeve	Chrysotile	Strongly presumed	10 units	6	Program removal
DU002174	Ground Floor	Birmingham City University	NHOG15 Playroom	Asbestos Reinforced plastic sleeve	Chrysotile	Analysis of sample using PLM	10 units	5	Program removal
As DU002174	Ground Floor	Birmingham City University	NHOG14 Playroom	Asbestos Reinforced plastic sleeve	Chrysotile	Strongly presumed	10 units	5	Program removal
As DU002174	Ground Floor	Birmingham City University	NHOG13 Kitchen	Asbestos Reinforced plastic sleeve	Chrysotile	Strongly presumed	2 units	5	Program removal

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
DU002182	Ground Floor	Birmingham City University	NHOG28 Office	Asbestos Reinforced plastic sleeve	Chrysotile	Analysis of sample using PLM	12 units	5	Program removal

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3.2 Executive Summary of Non-Asbestos Material

The following pages show a summary of non-asbestos materials located during these works.


Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
DU002175	Ground Floor	Birmingham City University	NHOG15 Playroom	Vinyl	No Asbestos Detected	Analysis of sample using PLM	50 m ²	0	Not applicable
DU002176	Ground Floor	Birmingham City University	NHOG14 Playroom	Vinyl	No Asbestos Detected	Analysis of sample using PLM	25 m ²	0	Not applicable
DU002177	Ground Floor	Birmingham City University	NHOG13 Kitchen	Bitumen sink pad	No Asbestos Detected	Analysis of sample using PLM	2 units	0	Not applicable
DU002180	Ground Floor	Birmingham City University	NHOG99A	Vinyl	No Asbestos Detected	Analysis of sample using PLM	35 m ²	0	Not applicable
DU002181	Ground Floor	Birmingham City University	NHOG18 Kitchen	Bitumen sink pad	No Asbestos Detected	Analysis of sample using PLM	1 unit	0	Not applicable
DU002183	Ground Floor	Birmingham City University	NHOG99B	Insulating board door headers	No Asbestos Detected	Analysis of sample using PLM	6 m ²	0	Not applicable

Sample No.:	Floor Level:	Block Name:	Location:	Item:	Asbestos Content:	Determination Method:	Extent:	Risk Category:	Recommendations:
DU002188	E - External	Birmingham City University	External	Butumen roof felt	No Asbestos Detected	Analysis of sample using PLM	200 m ²	0	Not applicable
DU002189	E - External	Birmingham City University	External	Putty seal to metal window frames only	No Asbestos Detected	Analysis of sample using PLM	28 linear metres	0	Not applicable

4.0 Item Register & Management Report

The following pages show a register of all suspect materials located during this investigation, which includes a photographic record of each item along with individual risk assessment scores.

The section entitled 'Portal Ref No' relates to a corresponding number assigned to each sample for the purpose of identification within the TEAMS online Portal.

Location:	NHOG15 Playroom	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002174	Portal Ref No.:	1	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	10 units		
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 5
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	0 (None)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 (Rare disturbance)	

Management Detail

Location:	NHOG15 Playroom	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002175	Portal Ref No.:	2	
Item:	Vinyl			
Asbestos Content:	Result Based on:			
No Asbestos Detected	Analysis of sample using PLM			
Sample Analysed By:	Reg 13(1)	Extent:	50 m ²	
Comments:				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG14 Playroom	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002174	Portal Ref No.:	6	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	10 units	
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 5
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	0 (None)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 (Rare disturbance)	

Management Detail

Location:	NHOG14 Playroom	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002176	Portal Ref No.:	7	
Item:	Vinyl			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	25 m ²	
Comments: Middle section of flooring				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG13 Kitchen	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002177	Portal Ref No.:	11	
Item:	Bitumen sink pad			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	2 units	
Comments: Present to basin and drainer				


Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG13 Kitchen	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002174	Portal Ref No.:	13	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	2 units	
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 5
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	0 (None)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 (Rare disturbance)	

Management Detail

Location:	NHOG14 Playroom	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002178	Portal Ref No.:	14	
Item:	Asbestos Reinforced plastic soil pipe			
Asbestos Content:	Result Based on:			
Chrysotile	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	4 linear metres		
Comments: Adjacent to sink unit within boxing				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG01 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002179	Portal Ref No.:	20	
Item:	Asbestos Reinforced plastic soil pipe			
Asbestos Content:	Result Based on:			
Chrysotile	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	4 linear metres		
Comments: Within built in cupboard				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG02 WC	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002174	Portal Ref No.:	22	
Item:	Asbestos Reinforced plastic sleeves			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	10 units	
Comments: Various areas within the structural concrete within the ceiling void				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)			
Asbestos Type:	1 (Chrysotile)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Human Exposure Potential Average Score: 2		Maintenance Activity Average Score: 1		
Number of Occupants:	1 (1 to 3)	Type of Maintenance Activity:	1 (Low disturbance)	
Frequency of Use:	3 (Daily)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG99A	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002174	Portal Ref No.:	23	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	10 units	
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void, within entrance lobby area only				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 6
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	0 (Unlikely)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG99A	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002180	Portal Ref No.:	24	
Item:	Vinyl			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	35 m ²	
Comments:				


Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG18 Kitchen	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002181	Portal Ref No.:	26	
Item:	Bitumen sink pad			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	1 unit	
Comments:				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG28 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002182	Portal Ref No.:	30	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	12 units		
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 5
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	0 (None)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 (Rare disturbance)	

Management Detail

Location:	NHOG99B	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002183	Portal Ref No.:	32	
Item:	Insulating board door headers			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	6 m ²	
Comments: Above corridor double doors, and rooms 16 and 17				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: Yes Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	NHOG21 Childcare office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002184	Portal Ref No.:	33	
Item:	Asbestos Reinforced plastic cistern			
Asbestos Content:	Result Based on:			
Chrysotile	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	4 linear metres		
Comments: Adjacent to reception desk				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG23 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002182	Portal Ref No.:	34	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	2 units	
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 7
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG25 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002182	Portal Ref No.:	35	
Item:	Asbestos Reinforced plastic sleeve			
Asbestos Content:	Result Based on:			
Chrysotile	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	2 units	
Comments: To metal conduit within ceiling void, various penetrations throughout the concrete structural sections within the ceiling void				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 1		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 7
Product Type:	1 (Asbestos reinforced plastic)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	0 (Usually inaccessible or unlikely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG16 Clothes Room	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002185	Portal Ref No.:	36	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Analysis of sample using PLM			
Sample Analysed By:	Reg 13(1)	Extent:	16 m ²	
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG99B	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002185	Portal Ref No.:	37	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	30 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG23 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002185	Portal Ref No.:	38	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	12 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG24 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002185	Portal Ref No.:	39	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	12 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG25 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002185	Portal Ref No.:	40	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	18 m ²	
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG17 Photocopy room	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002186	Portal Ref No.:	41	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Analysis of sample using PLM			
Sample Analysed By:	Reg 13(1)	Extent:	18 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG18 Kitchen	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002186	Portal Ref No.:	42	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	16 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG19 Senior Manager	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002186	Portal Ref No.:	43	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	18 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG28 Office	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002186	Portal Ref No.:	44	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	45 m ²	
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	2 (3 to 6 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG99C	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002186	Portal Ref No.:	45	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	20 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 9
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	1 (Occasionally likely to be disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 2		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	1 (1 to 3 hours)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG31 Store	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002186	Portal Ref No.:	46	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	2 m ²	
Comments:				

Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	3 (Routinely disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG03	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	DU002187	Portal Ref No.:	47	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Analysis of sample using PLM			
Sample Analysed By: Reg 13(1)	Extent:	3 m ²		
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	3 (Routinely disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	0 (Minor disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG10 Staff room	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002187	Portal Ref No.:	48	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	16 m ²	
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	3 (Routinely disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	1 (<10 sq m or 10m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	NHOG12 Gallery	Block:	Birmingham City University	Floor Level: Ground Floor
Sample No.:	As DU002187	Portal Ref No.:	49	
Item:	Asbestos Vinyl			
Asbestos Content:	Result Based on:			
Chrysotile in vinyl only	Strongly presumed			
Sample Analysed By:	Not applicable	Extent:	12 m ²	
Comments:				


Material Assessment Total Score: 3		Likelihood of Disturbance Assessment Average Score: 2		Management Assessment Licensable: No Recommendations: Program removal Reinspection Interval: Not Applicable Overall Risk Score: 8
Product Type:	1 (Asbestos vinyl)	Location:	2 (Rooms up to 100 sq m)	
Condition:	1 (Minor scratches)	Accessibility:	3 (Routinely disturbed)	
Surface Treatment:	0 (Composite material)	Extent Score:	2 (>10 - <50 sq m or >10m - <50m pipe run)	
Asbestos Type:	1 (Chrysotile)	Maintenance Activity Average Score: 1		
Human Exposure Potential Average Score: 1		Type of Maintenance Activity:	1 (Low disturbance)	
Number of Occupants:	1 (1 to 3)	Frequency of Use:	1 (<1 per year)	
Average Time in Use:	0 (<1 hour)	Normal Occupancy Activity: 1		
		Main Type of Activity in Area:	1 (Low disturbance)	

Management Detail

Location:	External	Block:	Birmingham City University	Floor Level: E - External
Sample No.:	DU002188	Portal Ref No.:	52	
Item:	Butumen roof felt			
Asbestos Content:	Result Based on:			
No Asbestos Detected	Analysis of sample using PLM			
Sample Analysed By:	Reg 13(1)	Extent:	200 m ²	
Comments:				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Location:	External	Block:	Birmingham City University	Floor Level: E - External
Sample No.:	DU002189	Portal Ref No.:	53	
Item:	Putty seal to metal window frames only			
Asbestos Content:		Result Based on:		
No Asbestos Detected		Analysis of sample using PLM		
Sample Analysed By:	Reg 13(1)	Extent:	28 linear metres	
Comments: 3 to the rear and 2 on side elevation				

Material Assessment Total Score: 0		Likelihood of Disturbance Assessment Average Score: 0		Management Assessment Licensable: No Recommendations: Not Applicable Reinspection Interval: Not Applicable Overall Risk Score: 0
Product Type:	0 Not Applicable	Location:	0 Not Applicable	
Condition:	0 Not Applicable	Accessibility:	0 Not Applicable	
Surface Treatment:	0 Not Applicable	Extent Score:	0 Not Applicable	
Asbestos Type:	0 Not Applicable	Maintenance Activity Average Score: 0		
Human Exposure Potential Average Score: 0		Type of Maintenance Activity:	0 Not Applicable	
Number of Occupants:	0 Not Applicable	Frequency of Use:	0 Not Applicable	
Average Time in Use:	0 Not Applicable	Normal Occupancy Activity: 0		
		Main Type of Activity in Area:	0 Not Applicable	

Management Detail

Report No.: J102752
Issue Date: 26/09/2018



5.0 Annotated Building Plans

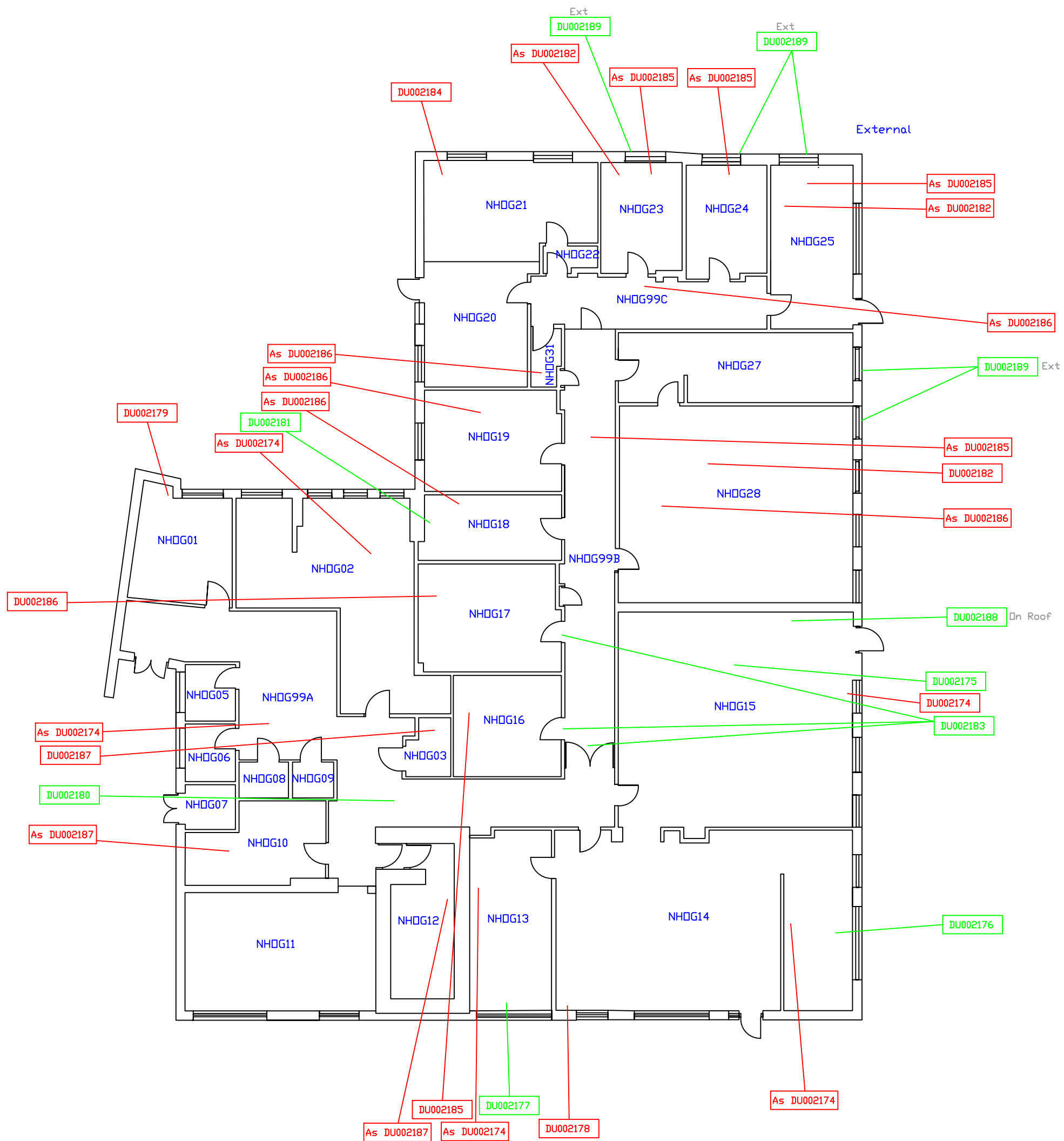
Diagrams included:

Plan(s) drawn by Bradley Environmental Consultants Ltd.

J102752/01 - Ground Floor Plan - Item Location(s)

J102752/02 - Ground Floor Plan - Intrusion Location(s)

J102752/03 - First Floor Plan - Intrusion Location(s)



KEY

- ????? ASBESTOS ITEM LOCATION
- ????? NON-ASBESTOS ITEM LOCATION
- ?? ROOM NO
- AREA/FEATURES NOT ACCESSED
- Ext EXTERNAL ITEM

This diagram is only to be reproduced in colour.

- Plan Abbreviations:
- AC - Asbestos Cement
 - AIB - Asbestos Insulating Board
 - AT - Asbestos Textile
 - AI - Asbestos Insulation
 - ATC- Asbestos Textured Coating
 - AB - Asbestos Bitumen
 - ACF- Asbestos Compressed Fibre
 - ATP- Asbestos Thermoplastic Floor Tiles

Drawing title:
Asbestos Survey Plan (J102752/01)

Site address:
Howes Building
Former City North Campus
Birmingham City University
Perry Barr
B42 2US

Floor level(s): Ground Floor

This drawing is to be read in conjunction with survey report number: J102752

Date of work: 24th August 2018
Lead surveyor: Reg 13(1)

Please note: this drawing is NOT TO SCALE.



Bradley Environmental Consultants Limited
20 Stourbridge Road
Halesowen, West Midlands B63 3US
Tel: 0121 550 0224 Fax: 0121 550 0641
email: info@bradley-enviro.co.uk



KEY

- Ⓜ INTRUSION LOCATIONS
- ??? ROOM NO
- AREA/FEATURES NOT ACCESSED
- Ext EXTERNAL ITEM

This diagram is only to be reproduced in colour.

Drawing title:
Asbestos Survey Plan (J102752/02)

Site address:
Howes Building
Former City North Campus
Birmingham City University
Perry Barr
B42 2US

Floor level(s): Ground Floor

This drawing is to be read in conjunction with survey report number: J102752

Date of work: 24th August 2018

Lead surveyor: Reg 13(1)

Please note: this drawing is NOT TO SCALE.



Bradley Environmental Consultants Limited
20 Stourbridge Road
Halesowen, West Midlands B63 3US
Tel: 0121 550 0224 Fax: 0121 550 0641
email: info@bradley-enviro.co.uk



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KEY

- ⊗ INTRUSION LOCATIONS
- ??? ROOM NO
- AREA/FEATURES NOT ACCESSED
- Ext EXTERNAL ITEM

This diagram is only to be reproduced in colour.

Drawing title:
Asbestos Survey Plan (J102752/03)

Site address:
Howes Building
Former City North Campus
Birmingham City University
Perry Barr
B42 2US

Floor level(s): First Floor

This drawing is to be read in conjunction with survey report number: J102752

Date of work: 24th August 2018

Lead surveyor: Reg

Please note: this drawing is NOT TO SCALE.



Bradley Environmental Consultants Limited
20 Stourbridge Road
Halesowen, West Midlands B63 3US
Tel: 0121 550 0224 Fax: 0121 550 0641
email: info@bradley-enviro.co.uk

6.0 Room Description Report

Please note that this section of the survey report documents the general building materials recorded on a room by room basis by the surveyor while undertaking the inspection in line with our ISO17020 UKAS Accreditation. It has not been designed to use as a register for asbestos materials. Please refer to the asbestos register and/or summary section of this report for details of the ACMs located during this investigation.

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG01 Office	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Carpet tiles to concrete	Timber boxing to reinforced plastic soil pipe, redundant vent, plastic and metal conduit
Birmingham City University	NHOG02 WC	Ground Floor	Compressed fibre suspended ceiling tiles to concrete	Ceramic tiles to plaster to brickwork	Modern vinyl to concrete	Reinforced plaster upstands to skylight, plastic cisterns, plastic soil pipe within timber boxing, metal and plastic pipework, reinforced plastic sleeves with structural concrete
Birmingham City University	NHOG03	Ground Floor	Plaster to concrete	Plaster to brickwork	Vinyl to concrete	Modern electrics, plastic trunking, plastic conduit
Birmingham City University	NHOG05 Disabled WC	Ground Floor	Plaster to plasterboard to concrete	Ceramic tile to plaster to brick	Modern vinyl to concrete	Ceramic cistern, metal and plastic pipework, metal conduit within ceiling void

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG06 Female WC	Ground Floor	Plaster to plasterboard to concrete	Ceramic tile to plaster to brick	Modern vinyl to concrete	Ceramic cistern, metal and plastic pipework, metal conduit within ceiling void
Birmingham City University	NHOG07 Switch room	Ground Floor	Concrete	Brickwork	Concrete	Metal trunking, modern electrics, metal cable tray, timber doorheader
Birmingham City University	NHOG08 Service duct	Ground Floor	Concrete	Brickwork	Concrete	Metal conduit, foam insulated metal pipework, plastic conduit, timber doorframe, modern electrics, foil faced glass fibre insulation to metal pipework
Birmingham City University	NHOG09 Hub room	Ground Floor	Not Applicable	Brickwork	Concrete	Metal conduit, foam insulated metal pipework, plastic conduit, timber doorframe

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG10 Staff room	Ground Floor	Plaster to concrete	Plaster to brickwork	Vinyl to concrete	Metal conduit, plastic conduit, plastic trunking, timber boxing to metal and plastic pipework
Birmingham City University	NHOG11 Under 2's	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork, timber to lead lining to timber to brick	Modern vinyl to concrete, carpet tiles to concrete	Metal conduit, plastic conduit, plastic trunking,
Birmingham City University	NHOG12 Gallery	Ground Floor	Plaster to concrete	Plaster to brickwork	Vinyl to concrete	Metal access hatch to concrete trench, concrete opening to ventilation, plastic conduit, bill board isolator non suspect
Birmingham City University	NHOG13 Kitchen	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork, ceramic tiles	Modern vinyl to concrete	Metal and plastic pipework, ceramic window sill, bitumen sink pad, plasterboard access panels to ceiling void, reinforced plastic sleeve where pipework passes through concrete structure

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG14 Playroom	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Vinyl to concrete	Reinforced plastic pipework sleeves, timber panel to rear of brick riser, plasterboard access panels to ceiling void, timber upstands to windows, plastic trunking, timber boxing to metal pipework (soil pipe)
Birmingham City University	NHOG15 Playroom	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Vinyl to concrete	Reinforced plastic pipework sleeves, timber panel to riser, cloth wrap glass fibre insulation to metal pipework, plasterboard access panels to ceiling void, timber upstands to windows, plastic trunking, timber surround to perspex roof light
Birmingham City University	NHOG16 Clothes Room	Ground Floor	Plaster to concrete	Reinforced plaster to plasterboard, plaster to brick	Carpet tiles to vinyl to concrete	Insulating board door header, modern electrics
Birmingham City University	NHOG17 Photocopy room	Ground Floor	Compressed fibre suspended ceiling tiles to loose glass fibre insulation to plaster to concrete	Plasterboard to glass fibre insulation to plaster to brick	Carpet tiles to vinyl to concrete	Timber door header, modern electrics, plastic conduit, plaster upstand to skylight

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG18 Kitchen	Ground Floor	Reinforced plaster to plasterboard to concrete	Plaster to brick	Carpet tiles to vinyl to concrete	Modern electrics, plastic conduit, timber to former door opening, metal ducting, bitumen sink pad
Birmingham City University	NHOG19 Senior Manager	Ground Floor	Compressed fibre suspended ceiling tiles to plaster to concrete	Plaster to brick	Carpet tiles to vinyl concrete	Plastic conduit, timber to former door opening
Birmingham City University	NHOG20 Childcare office	Ground Floor	Compressed fibre suspended ceiling tiles to plaster to concrete	Plaster to brickwork, plaster to plasterboard	Carpet tiles to concrete	Timber panel to concrete surround opening, metal conduit
Birmingham City University	NHOG21 Childcare office	Ground Floor	Compressed fibre suspended ceiling tiles to plaster to concrete	Plaster to brickwork	Carpet tiles to concrete	Concrete surround opening, timber boxing to metal pipework, timber boxing to large reinforced plastic soil pipe, plastic trunking

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG22 Store	Ground Floor	Plaster to concrete	Plaster to brickwork	Carpet to concrete	Modern electrics
Birmingham City University	NHOG23 Office	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Carpet tiles to vinyl concrete	Modern electrics, reinforced plastic sleeve to pipework, metal ducting
Birmingham City University	NHOG24 Office	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Carpet tiles to vinyl concrete	Modern electrics, metal ducting, metal conduit
Birmingham City University	NHOG25 Office	Ground Floor	Plaster to plasterboard to concrete	Plaster to brickwork	Carpet tiles to vinyl concrete	Modern electrics, reinforced plastic sleeve to pipework, metal ducting, timber upstand to window openings within ceiling void, non suspect fibreboard noticeboard

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG27 Office	Ground Floor	Plaster to concrete	Plaster to brick	Carpet tiles to concrete	Plastic conduit, timber panel to riser, perspex panel to roof light modern electrics
Birmingham City University	NHOG28 Office	Ground Floor	Plaster to plasterboard to concrete	Plaster to brick	Carpet tiles to vinyl concrete	Plastic conduit, reinforced plastic sleeves to pipework within ceiling void, plaster upstand to skylight, plasterboard upstands to window openings within ceiling void, metal ducting, non suspect safe
Birmingham City University	NHOG31 Store	Ground Floor	Plaster to concrete	Plaster to brickwork, plaster to plasterboard	Vinyl to concrete	Timber panel to concrete surround opening, plasterboard door header
Birmingham City University	NHOG99A	Ground Floor	Reinforced plaster to plasterboard to concrete	Plaster to brickwork, plaster to plasterboard section	Vinyl to concrete, carpet to concrete	Modern electrics, plastic trunking, plastic conduit, cloth wrap glass fibre insulation to metal pipework, glass door header, perspex roof light to plasterboard upstands, slate packers to low level wall void

Block:	Room:	Floor Level:	Ceiling:	Walls:	Floor:	Other:
Birmingham City University	NHOG99B	Ground Floor	Plaster to concrete	Plaster to brickwork	Carpet tiles to vinyl to concrete	Modern electrics, plastic trunking, plastic conduit, cloth wrap glass fibre insulation to metal pipework, timber door header, perspex roof light to plasterboard upstands, metal trunking and conduit, timber panels to risers, insulating board door headers
Birmingham City University	NHOG99C	Ground Floor	Plaster to concrete	Plaster to brickwork	Carpet tiles to vinyl to concrete	Modern electrics, plastic trunking, plastic conduit, cloth wrap glass fibre insulation to metal pipework, perspex roof light to plasterboard upstands, metal trunking and conduit, timber panels to risers
Birmingham City University	1.00	1st Floor	Concrete	Brickwork	Concrete	Metal trunking, metal and plastic conduit, foam and glass fibre insulation to metal pipework, modern electrics, metal cylinder, metal downpipes
Birmingham City University	External	E - External	Bitumen felt roof covering, modern felt roof covering	Brickwork, concrete	Not Applicable	Modern felt lining to parapet wall, metal encased timber panels to service duct, metal ducting, metal cowls, concrete service ducts, concrete canopy, metal window sills, metal window frames with putty seal, upvc window frames, timber window frames

Report No.: J102752
Issue Date: 26/09/2018



7.0 Room Access Report

Block:	Room:	Floor Level:	Surveyed:	Areas Not Accessed:	Reason For No Access:
Birmingham City University	NHOG01 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG02 WC	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG03	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG05 Disabled WC	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG06 Female WC	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG07 Switch room	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG08 Service duct	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG09 Hub room	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG10 Staff room	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG11 Under 2's	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG12 Gallery	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG13 Kitchen	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG14 Playroom	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG15 Playroom	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG16 Clothes Room	Ground Floor	Accessed	None	Not Applicable

Block:	Room:	Floor Level:	Surveyed:	Areas Not Accessed:	Reason For No Access:
Birmingham City University	NHOG17 Photocopy room	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG18 Kitchen	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG19 Senior Manager	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG20 Childcare office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG21 Childcare office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG22 Store	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG23 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG24 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG25 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG27 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG28 Office	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG31 Store	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG99A	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG99B	Ground Floor	Accessed	None	Not Applicable
Birmingham City University	NHOG99C	Ground Floor	Accessed	None	Not Applicable

Block:	Room:	Floor Level:	Surveyed:	Areas Not Accessed:	Reason For No Access:
Birmingham City University	1.00	1st Floor	Accessed	None	Not Applicable
Birmingham City University	External	E - External	Accessed	None	Not Applicable

8.0 Bulk Analysis Results

CERTIFICATE OF ANALYSIS

Asbestos Fibre Identification in Bulk Sample

Client WYG Engineering Ltd
Address: Geneva Building
 Lake View Drive
 Sherwood Business Park
 Annesley
 Nottingham
 NG15 0ED

Site Howes Building
Address: Former City North Campus
 Birmingham City University
 Perry Barr
 B42 2US

Samples Received: 29/08/2018

Issue Date: 25/09/2018

Order Placed By: Reg 13(1)

Sampled By: Reg [REDACTED]

Analysed on: 04/09/2018 –25/09/2018

Authorised Signatory: Reg 13(1) [REDACTED]

Job Title: Laboratory Analyst

Opinions and interpretations including the sample reference are outside the scope of UKAS accreditation					
Report No.: J102752					
Lab Ref.:	Site Ref:	Room:	Sample Reference:	Analysis Result:	Analyst:
DU002174	-	NHOG15 Playroom	Asbestos Reinforced plastic sleeve	Chrysotile	Reg 13(1)
DU002175	-	NHOG15 Playroom	Vinyl	No Asbestos Detected	Reg 13(1)
DU002176	-	NHOG14 Playroom	Vinyl	No Asbestos Detected	Reg 13(1)
DU002177	-	NHOG13 Kitchen	Bitumen sink pad	No Asbestos Detected	Reg 13(1)

TEST NOTES: The test method is as described in the in-house method (Appendix 7, Quality Manual), based on HSG248. "Crocidolite", "Amosite" and "Chrysotile" are more commonly known as "blue", "brown" and "white" asbestos respectively. "Actinolite", "Anthophyllite" and "Tremolite" are other rarer forms of asbestos. Bradley Environmental Consultants Limited is not responsible for sampling errors where the sample is provided by yourselves. Materials that have been referred to as Asbestos Insulating Board or Asbestos Cement are based on their asbestos content and visual appearance alone (these opinions are not covered by our UKAS accreditation), water absorption tests have not been carried out unless otherwise stated. The report should not be reproduced except in full, without written approval of the laboratory.

Analysed at:

Head Office:
 20 Stourbridge Road,
 Halesowen, West Midlands
 B63 3US
 Tel: 0121 550 0224 Fax: 0121 550 0641
 Email: sales@bradley-enviro.co.uk



1155

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Report No.: J102752

Lab Ref.:	Site Ref:	Room:	Sample Reference:	Analysis Result:	Analyst:
DU002178	-	NHOG14 Playroom	Asbestos Reinforced plastic soil pipe	Chrysotile	Reg 13(1)
DU002179	-	NHOG01 Office	Asbestos Reinforced plastic soil pipe	Chrysotile	Reg 13(1)
DU002180	-	NHOG99A	Vinyl	No Asbestos Detected	Reg 13(1)
DU002181	-	NHOG18 Kitchen	Bitumen sink pad	No Asbestos Detected	Reg 13(1)
DU002182	-	NHOG28 Office	Asbestos Reinforced plastic sleeve	Chrysotile	Reg 13(1)
DU002183	-	NHOG99B	Insulating board door headers	No Asbestos Detected	Reg 13(1)
DU002184	-	NHOG21 Childcare office	Asbestos Reinforced plastic cistern	Chrysotile	Reg 13(1)
DU002185	-	NHOG16 Clothes Room	Asbestos Vinyl	Chrysotile in vinyl only	Reg
DU002186	-	NHOG17 Photocopy room	Asbestos Vinyl	Chrysotile in vinyl only	Reg
DU002187	-	NHOG03	Asbestos Vinyl	Chrysotile in vinyl only	Reg

TEST NOTES: The test method is as described in the in-house method (Appendix 7, Quality Manual), based on HSG248. "Crocidolite", "Amosite" and "Chrysotile" are more commonly known as "blue", "brown" and "white" asbestos respectively. "Actinolite", "Anthophyllite" and "Tremolite" are other rarer forms of asbestos. Bradley Environmental Consultants Limited is not responsible for sampling errors where the sample is provided by yourselves. Materials that have been referred to as Asbestos Insulating Board or Asbestos Cement are based on their asbestos content and visual appearance alone (these opinions are not covered by our UKAS accreditation), water absorption tests have not been carried out unless otherwise stated. The report should not be reproduced except in full, without written approval of the laboratory.

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B63 3US
Tel: 0121 550 0224 Fax: 0121 550 0641
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Report No.: J102752

Lab Ref.:	Site Ref:	Room:	Sample Reference:	Analysis Result:	Analyst:
DU002188	-	External	Butumen roof felt	No Asbestos Detected	Reg [REDACTED]
DU002189	-	External	Putty seal to metal window frames only	No Asbestos Detected	Reg [REDACTED]

TEST NOTES: The test method is as described in the in-house method (Appendix 7, Quality Manual), based on HSG248. "Crocidolite", "Amosite" and "Chrysotile" are more commonly known as "blue", "brown" and "white" asbestos respectively. "Actinolite", "Anthophyllite" and "Tremolite" are other rarer forms of asbestos. Bradley Environmental Consultants Limited is not responsible for sampling errors where the sample is provided by yourselves. Materials that have been referred to as Asbestos Insulating Board or Asbestos Cement are based on their asbestos content and visual appearance alone (these opinions are not covered by our UKAS accreditation), water absorption tests have not been carried out unless otherwise stated. The report should not be reproduced except in full, without written approval of the laboratory.

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Head Office:
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 Halesowen, West Midlands
 B63 3US
 Tel: 0121 550 0224 Fax: 0121 550 0641
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END OF REPORT



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Report No.: J102752
Issue Date: 26/09/2018



9.0 Intrusion Photographs

Please note that the intrusion numbers in this section may not run consecutively.

Intrusion 01 - Cloth wrap glass fibre insulation to metal pipework



Intrusion 02 - Window sill



Intrusion 03 - Plaster to plasterboard to concrete



Intrusion 04 - Into brick wall beneath window



Intrusion 06 - Beneath sink units



Intrusion 05 - Plaster to plasterboard to concrete



Intrusion 07 - Ceramic tile window sill to cavity



Intrusion 08 - Concrete trench



Intrusion 09 - Timber to lead lining to brick



Intrusion 10 - Timber boxing to metal and plastic soil pipe



Intrusion 11 - Timber boxing to metal pipework



Intrusion 12 - Timber boxing to sliding door mechanism



Intrusion 13 - Reinforced plaster to
plasterboard



Intrusion 14



Intrusion 15



Intrusion 16



Intrusion 17 - Non suspect safe



Intrusion 18 - Opening to void



Intrusion 19 - Metal encased timber boxing to service duct



10.0 Risk Assessment Algorithms

Once an asbestos item has been identified, Regulation 4 of CAR2012 requires that a risk assessment be undertaken on the material. The risk assessment contained within this report is based on the **material assessment algorithm**, as defined in HSG264, and the **full priority assessment** as defined in HSG227.

The score for each assessment is added together to provide an **overall risk rating** based on the material's ability to release airborne fibre *and* the risk of it being disturbed.

10.1 Material Assessment

The material assessment algorithm provides a numerical indication of the ability of an ACM to release airborne asbestos fibre, if disturbed. A risk category score of between 2 and 12 is assigned to each ACM as shown below:

- < 5 Very low hazard
- 5 & 6 Low hazard
- 7 - 9 Medium hazard
- > 9 High hazard

The table below shows how the individual material assessment scores are calculated:

	SCORE 0	SCORE 1	SCORE 2	SCORE 3
Product type		Composite materials, reinforced plastics, felts, textured coating and asbestos cement (AC) products	Low density boards (i.e. AIB), gaskets, textiles	Sprays, insulation, loose asbestos, mattresses and packing
Extent of damage/deterioration	Good condition: no visible damage	Low damage: a few scratches or damaged edges	Medium damage: significant breakage of materials or several small areas of damage revealing loose fibres	High damage or delamination of materials, sprays and insulation. Visible asbestos debris
Surface treatment	Composite materials, reinforced plastics, textured coating, felts etc	Painted, encapsulated AIB & AC. Enclosed AIB, AC, sprays & lagging, Unencapsulated AC	Unencapsulated AIB. Encapsulated sprays and insulation	Unencapsulated sprays and insulation
Asbestos type		Chrysotile	Amphibole asbestos excluding crocidolite	Crocidolite

10.2 Priority Assessment

Cumulative Score	Action Required	
10 - 12	This is allocated to those items, which are in a position, which presents an unacceptable risk to occupiers etc.	
7 - 9	These are items situated in high use, readily accessible positions, which may also be located in an area accessed on a routine basis for maintenance	
4 - 6	These are the items that will very rarely be disturbed through normal occupation or maintenance, or are in locations or extents that if disturbed would lead to minimal fibre release.	
0 - 3	This covers items, which are in locations not readily accessible and are unlikely to be disturbed.	
Assessment Parameter	Score	Examples of score variables
Normal occupancy activity		
Main type of activity in area	0	Rare disturbance activity (e.g. little used store room)
	1	Low disturbance activities (e.g. office type activity)
	2	Periodic disturbance (e.g. industrial or vehicular activity which many contact ACMs)
	3	High levels of disturbance (e.g. fire door with AIB sheet in constant)
Score		
Likelihood of disturbance		
Accessibility	0	Usually inaccessible
	1	Occasionally likely to be disturbed
	2	Easily disturbed
	3	Routinely disturbed
Location	0	Outdoors
	1	Large rooms
	2	Rooms up to 100m ²
	3	Confined spaces
Extent	0	Small amounts or items
	1	<10m ² or 10m
	2	>10 - 50m ² or 10 - 50m
	3	>50m ² or >50m
Average score		
Human exposure potential		
Number of occupants	0	None
	1	1 - 3
	2	4 - 10
	3	>10
Frequency of use	0	Infrequent
	1	Monthly
	2	Weekly
	3	Daily
Average time each use	0	<1
	1	>1 - <3 hours
	2	>3 - <6 hours
	3	>6 hours
Average score		
Maintenance activity		
Type of maintenance activity	0	Minor disturbance (e.g. possibility of contact when gaining access)
	1	Low disturbance (e.g. changing lightbulbs in AIB ceiling)
	2	Medium disturbance (e.g. lifting one or two AIB ceiling tiles to access a valve)
	3	High levels of disturbance (e.g. removing a number of AIB ceiling tiles to replace a valve for recabbling)
Frequency of use	0	ACM unlikely to be disturbed for maintenance
	1	<1 per year
	2	>1 per year
	3	>1 per month
Average score		

DISCLAIMER

Bradley Environmental Consultants Ltd have undertaken surveying, sampling and analysis following in-house documented methods, which involve systematic access, inspection and reporting. It is not possible to guarantee that all asbestos will be located within a specified site and we accept no financial or other responsibility for remedial works or disruption to programmes which may occur as a result of asbestos materials being located which are *outside the scope of this survey*.

The survey report should not be reproduced except in full without the approval of the client and Bradley Environmental Consultants Ltd.

Bradley Environmental - Additional Services

Since 1991, Bradley Environmental Consultants have provided a full range of asbestos management services to a wide range of clients including local authorities, hospital trusts and large commercial businesses. A summary of the asbestos related services we are able to offer include the following:

- Management asbestos surveys;
- Refurbishment & demolition asbestos surveys;
- Preparation of Asbestos Management Plans;
- Labelling programmes;
- Cost-effective remedial advice;
- Preparation of removal specifications;
- Evaluation & selection of licensed asbestos removal contractors;
- Preparation of tender documentation;
- Assessment and critical evaluation of method statements;
- Air monitoring during asbestos removal projects;
- Issuing certificates of re-occupation following asbestos removal works;
- Annual re-inspection of ACMs to update the asbestos register;
- Asbestos removal project management.

If you would like any further information regarding your survey, the implementation of a suitable management plan, or any other asbestos-related issue, please do not hesitate to contact us.

Birmingham: (Head Office)	0121 550 0224	Reg 13(1)
Wakefield: (Northern Office)	01924 274 777	Reg 13(1)
Blackpool: (North West Office)	01253 405 396	Reg 13(1)
St Asaph: (North Wales Office)	01745 585 587	Reg 13(1)