

# **Refurbishment and Demolition Survey**



## **Chinley and Buxworth Youth and Community Centre**

### A & L Reference : 20421

### **Building Reference :**

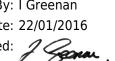
### Address

21 Lower Lane High Peak Derbyshire SK23 6BE

#### Commissioned by Martin Walton 12 Chapel Street

Hyde, SK14 1LF

Survey Conducted By: I Greenan Survey Date: 22/01/2016 Signed: 7 German .



Compiled By: L Russell Compiled Date: 25/01/2016 Signed: / Kussell Checked By: I Greenan Check Date: 26/01/2016 Signed: J German





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### 1.0 Introduction

# Background

Large amounts of asbestos-containing materials (ACMs) were used for a wide range of construction purposes in new and refurbished buildings until 1999 when all use of asbestos was banned. This extensive use means that there are still many buildings in Great Britain which contain asbestos. Where asbestos materials are in good condition and unlikely to be disturbed they do not present a risk. However, where the materials are in poor condition or are disturbed or damaged, asbestos fibres are released into the air, which, if breathed in, can cause serious lung diseases, including cancers.

# **Scope and Purpose**

**Waltons Property Services Ltd** has commissioned A&L Consultants to undertake a Refurbishment and Demolition Survey of Chinley and Buxworth Youth and Community Centre, 21 Lower Lane. The aim of the survey was to locate and identify the presence of ACM's or suspected ACM's. This report provides a record and assessment of the extent and characteristics of ACM's and is based on information made available on the 22/01/2016.

Refurbishment and Demolition Surveys are technically more challenging than management surveys, as their purpose is to identify all ACMs within a particular building area or within the whole premises, so they can be removed. Many buildings have been individually designed with their own layout and materials. There may have been numerous refurbishments and modifications over the years, with many changes and alterations to the building structure and appearance. Building drawings may not have been updated. Management surveys will not have accessed structural locations (eg behind concrete or between floors and walls such as cavity walls). The level of competency and knowledge needed for refurbishment and demolition surveys (eg on construction building techniques) is much greater than for management surveys and the intrusive nature presents more health and safety hazards.

### The purpose of the report is to:

- Enable the client to take appropriate precautions so that people who work at or attend the building are not exposed to asbestos-related health risks.
- Provide information to assist the client in developing and implementing an action plan for the further investigation, treatment, removal.





## **Overview**

The remainder of this Section provides an overview of the situation based on the results of inspection, sampling and testing in the building. For a more detailed appraisal, the reader should also refer to the annotated floor plans and to the Data Sheets at Appendix E.

Rooms Surveyed Now	No Asbestos Detected Rooms	Asbestos Confirmed Rooms	Presumed Asbestos Rooms	Strongly Presumed Asbestos Rooms	No Access Rooms	Other
19	17	0	0	0	2	0

#### **Asbestos Confirmed Rooms**

Room Reference Product Type	Comment	Recommendation
0-007 Side Entrance		Works in the area should proceed with caution, if suspect asbestos containing materials are seen all works should stop and further sampling / investigation should be carried out.
0-008 Female Changing		Works in the area should proceed with caution, if suspect asbestos containing materials are seen all works should stop and further sampling / investigation should be carried out.





## There are two types of asbestos surveys as identified in HSG 264 "Asbestos: The Survey Guide"

#### Management Surveys:

A management survey is the standard survey. Its purpose is to locate, as far as reasonably practicable, the presence and extent of any suspect ACMs in the building which could be damaged or disturbed during normal occupancy, including foreseeable maintenance and installation, and to assess their condition. Management surveys will often involve minor intrusive work and some disturbance. The extent of intrusion will vary between premises and depend on what is reasonably practicable for individual properties, it will depend on factors such as the type of building, the nature of construction, accessibility etc. A management survey should include an assessment of the condition of the various ACMs and their ability to release fibres into the air if they are disturbed in some way. This 'material assessment' will give a good initial guide to the priority for managing ACMs as it will identify the materials which will most readily release airborne fibres if they are disturbed. The survey will usually involve sampling and analysis to confirm the presence or absence of ACMs. However a management survey can also involve presuming the presence or absence of asbestos. A management survey can be completed using a combination of sampling ACMs and presuming ACMs or, indeed, just presuming. Any materials presumed to contain asbestos must also have their condition assessed (ie a material assessment).

#### **Refurbishment and Demolition Surveys:**

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, eg 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 (regulation 7) 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 (eg 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 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.





# **Control of Asbestos Regulations 2012**

The Control of Asbestos Regulations 2012 applies to most work situations involving risk of exposure to asbestos. From the 6th of April 2006 the Control of Asbestos Regulations will require that employers:

- Take all reasonable steps to identify the locations of materials likely to contain asbestos.
- Assume that the identified materials contain asbestos, unless there is evidence to the contrary.
- Keep an up to date written record (an Asbestos Register) of the location of asbestos-containing materials.
- Monitor the condition of asbestos-containing materials.
- Make a written assessment of the risk of exposure from asbestos.
- Prepare and implement a management plan to control asbestos-related health risks, including measures to ensure that:
  - Material known or presumed to create a risk of exposure to asbestos is repaired or, if necessary, removed.
  - Material known or presumed to contain asbestos, but which does not pose a risk of exposure, is maintained in a good state of repair.
  - Information about the location and condition of material known or presumed to contain asbestos is given to anyone who is likely to disturb it.

# **Other Health and Safety Regulations**

Under Section 2 of the Health and Safety at Work etc. Act 1974 (As amended 2006), employers have a duty of care for the health, safety and welfare of their employees whilst at work. In addition, employers that are in control of premises have a duty of care, under Section 4 of the HSWA (As amended 2006), towards all other people (non-employees) who use or work at their premises. Other regulations embodied in the HSWA (As amended 2006) require employers to ensure that:

- Immediate steps are taken to reduce exposure to asbestos, in situations where the control level or action level is exceeded.
- Risk assessments are carried out and are used to prepare method statements for any work that is likely to involve exposure to asbestos.
- The number of workers exposed to asbestos is kept to a minimum.
- Information on the location of asbestos is made available to any person likely to be exposed to ACM's.
- Training is given to anyone liable to be exposed to asbestos.

This report can be used as a reference to assist the client in fulfilling its duties and obligations under present regulatory framework.





### 2.0 Sources of Data

# **Background Information**

The purpose of the Refurbishment and Demolition Survey carried out at the site was to identify locations where the presence of asbestos is suspected, and to make arrangements for the recovery and testing of representative samples, where practicable. The survey also enabled informed judgements to be made about the likelihood of asbestos being present in situations where samples could not be recovered.

# Sampling and Testing

Photographs were taken to provide a record of all the locations and materials examined. A photographic record of the inspection is incorporated in Appendix E. Based on the findings of the survey, 13 representative bulk samples of materials suspected of containing asbestos were recovered from the site. During the sampling process, care was taken to verify that the recovered samples were representative of the situation and the medium in which asbestos contamination was suspected. The sampling protocol that was used is as specified in "Asbestos: The Survey Guide" HSG264, published by the Health & Safety Executive. The recovered samples were subsequently examined by Scopes Asbestos Analysis Services Ltd. Scopes Asbestos Analysis Services Ltd are a testing body that meets criteria equivalent to those set out in the paragraphs of ISO 17025 which cover organisations, quality systems, control of records, personnel, accommodation and environmental conditions, test and calibration methods, method validation, equipment, handling of test and calibration items and reporting results as detailed in Health and Safety published 'General requirements for the competence of testing and calibration laboratories' 2005. The results of the laboratory testing for all recovered samples are presented at Appendix B.

# **Representative Sampling**

Every attempt has been made to ensure that representative samples of materials suspected of containing asbestos have been recovered for testing purposes. Nevertheless, where the laboratory results of analysis (shown in Appendix B) indicate that no asbestos has been detected, caution should be exercised in extrapolating the same conclusion to the parent material. Where doubt remains, further sampling and testing should be carried out.

# **Significance of Laboratory Test Results**

The following are the three main types of asbestos identified by the laboratory testing procedure, and recorded on the laboratory result sheets in Appendix B:

Chrysotile - White Asbestos Amosite - Brown Asbestos Crocidolite - Blue Asbestos

It is emphasised that all types of asbestos, irrespective of their mineralogical compositions and concentration levels, fall within the scope of the Control of Asbestos Regulations 2012, therefore, details of the type and quantity of asbestos materials identified by the laboratory analyses do not significantly affect the Duty Holders legal duties and obligations. However, they do influence the assessment of risk, and therefore assist in determining the priorities for remedial action.





### 3.0 Site Description

## **Present Layout and Use**

Ground floor was seen to consist of 16 room(s)

The scope of the survey as requested by the client was to complete a refurbishment asbestos survey to all areas of the site as far as reasonably practicable. The building was seen was to be a single storey community centre built from timber and plasterboard.

The layout of buildings is shown in the annotated floor plans in Appendix F.

### 4.0 Investigations

## **Typical Sources Considered**

The inspection work undertaken by A&L Consultants and has taken account of the typical sources of asbestos found in other similar buildings, of a similar age. Asbestos has been added to many different building materials over the past century to improve their thermal, insulation and strength properties. The commercial use of asbestos began in the late nineteenth century and increased steadily until the 1940s. After World War II, asbestos was used extensively in buildings, particularly during the 1950s, 1960s and 1970s. In 1999 the Government banned the import, supplies and use of all forms of materials containing asbestos. The most common asbestos-containing materials and products are:

- Cement rainwater goods, roofing materials, including sheet materials and components of composite sheeting, tiles and felts.
- Wall cladding and soffit boards.
- Sprayed coatings to ceilings, walls and beams/columns.
- Loose asbestos in ceiling/floor/wall cavities or ductwork.
- Firebreaks above ceilings or between trusses.
- Textured coatings and paints.
- Partition walls and wall/ceiling panels.
- Floor tiles, linoleum and floor backing paper.
- Lagging, gaskets and gaiters to air handling units.
- Lagging on boilers, pipe work, calorifiers, etc.
- Paper linings under pipe lagging.
- Gaskets at pipe and vessel joints.
- Rope seals on boiler access hatches and between boiler sections.
- Boiler flues.
- Fire blankets.





### 5.0 Assessment and Overview

## **Risk Assessment Methodology**

Risk assessments for fibre release have been carried out for all suspected asbestos materials, based on their product type, condition (extent of damage/deterioration), surface treatment and asbestos type. The method adopted is as described in "Asbestos: The Survey Guide" HSG264. The results of the risk assessments for each sample are shown in the data sheets in Appendix E and are classified as High, Medium or Low. A Material Assessment Score is also provided. The data sheets include recommendations concerning access restrictions and priorities for treatment or removal of asbestos materials, based on the Material Assessment Score. The meaning of the specialist terms employed and the key stages of the risk assessment process are described below. The parameters that require assessment are Product Type, Surface Treatment, Extent of Damage/ Deterioration, and Asbestos Type. Two categories allow a zero risk score and so the total material risk score is between 2 and 12.

## **Parameters for Assessment of Material Risk:**

Product Type	Risk Score
Asbestos mattresses, loose fill, sprayed coatings and thermal insulation.	3
Asbestos insulating board, millboard, textiles, rope and yarns.	2
Asbestos reinforced plastics, bituminous products and resins. Textured coatings.	1
Extent of Damage	Risk Score
High damage or delamination.	3
Medium damage.	2
Low damage.	1
No damage/ good condition.	0
Surface Treatment	Risk Score
Unsealed insulation sprayed coating.	3
Unsealed asbestos insulating board.	2
Enclosed sprays and insulation.	1
Composites and reinforced plastics.	0
Asbestos Type	Risk Score
Crocidolite	3
Amosite (Amphiboles)	2
Chrysotile	1





# **Data Sheets**

The above risk assessment methodology has been incorporated in the data sheets at Appendix E. The data sheets provide recommendations concerning access restrictions and remedial measures that should be adopted at each sample location. Where appropriate, they also provide an opinion concerning the likely source of any surface deposits of asbestos dust or debris that are present. The reader is reminded of the significance of the colour coding that is adopted on the Data Sheets, as follows:

Green	Laboratory analysis shows that asbestos is not present in the recovered sample.
Amber	No laboratory analysis has been carried out because it was not possible to recover a sample at this location and it is considered likely that asbestos is present.
	Laboratory analysis shows that asbestos is present in the recovered sample.

### 6.0 Conclusions and Recommendations

## Introduction

Where asbestos is present in areas where future work is planned or contemplated, special consideration must be given to the health and safety risks associated with the work, irrespective of the Material Assessment Score assigned to the material. Employers have a duty of care under the "Control of Asbestos Regulations" 2012 to any person or organisation that may work at their premises. Information must therefore be provided to any contractor or employee that may come into contact with ACM's. The information provided should include, but need not be limited to the details provided in this report. Information concerning the presence of asbestos should not only be given to contractors, but also to Designers and Principal Contractors (within the meaning of the CDM Regulations) so that suitable risk assessments can be carried out and used to develop the Health & Safety Plan and safe systems of work.

Prior to the start of the planned refurbishment / demolition work at the site, it should be assessed if the identified asbestos containing materials (as applicable) are to be disturbed during the planned works. If the identified asbestos containing materials are to be disturbed or there is a potential that they will be disturbed or damaged because of the planned works, even if not in the direct works area, a program for the safe removal of the asbestos containing materials should be put in place following and current relative legislation by specialist contractors as required prior to the works.

# Additional Inspection, Sampling and Testing

We recommend that further inspection, sampling and testing is carried out in areas that are not covered by the inspection work described in the above sections. These fall into two categories: (a) Buildings and areas for which access could not be obtained during the course of the survey work. (b) Materials that are presumed to contain asbestos. Sampling and testing is recommended, where practical, in these to establish the nature and extent of the material.





# Areas Excluded from the Survey

During the survey the following areas were excluded from the survey because they were found to be either inaccessible due to the physical nature of the premises; the extraction of samples would have affected the functional integrity of the article or where access could have endangered the surveyor:

- Any gaskets which are integral to a pipeline or other article, unless included within the body of the report.
- Behind or above materials sampled for asbestos content and suspected as containing asbestos, unless included within the body of the report.
- The grounds surrounding the building(s) out side the scope of the survey requirements, unless included within the body of the report.
- Electrical Sub-Stations outside the ownership of the client, unless included within the body of the report.
- All other areas of the building outside the scope of the survey, unless included within the body of the report.

Although the presence of asbestos in these areas has not been confirmed, 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 all works are stopped and the area evacuated until such time that the material can be sampled, analysed and confirmed to be free of any asbestos.





# **Areas Affected by Planned Future Works**

Where asbestos is present in areas where future work is planned or contemplated, special consideration must be given to the health and safety risks associated with the work, irrespective of the Material Assessment Score assigned to the material. Employers have a duty of care under the "Control of Asbestos Regulations" 2012 to any person or organisation that may work at their premises. Information must therefore be provided to any contractor or employee that may come into contact with ACM's. The information provided should include, but need not be limited to the details provided in this report. Information concerning the presence of asbestos should not only be given to contractors, but also to Designers, Planning Supervisors, and Principal Contractors (within the meaning of the CDM Regulations) so that suitable risk assessments can be carried out and used to develop the Health & Safety Plan and safe systems of work. Planning for individual projects that involve dealing with specific asbestos management issues should also consider the wider context, including opportunities for the cost-effective treatment or removal of asbestos materials.

## **Internal Arrangements**

### **Training and Communications**

It is recommended that all employees who are directly or indirectly in control of activities that may affect asbestos-containing materials should receive asbestos awareness training and should have access to the Asbestos Register, or the information contained within it.

#### **Management Responsibility**

Responsibility should be allocated to a specific individual to provide a source of information, advice and authority for situations where decisions relating to asbestos are needed. The nominated individual should also be responsible for:

- Communicating information about asbestos.
- Controlling the Asbestos Register.
- Liaising with specialist asbestos consultants and contractors.
- Monitoring the action plan.





### 7.0 Caveats

All reasonable steps have been taken to ensure that the contents and findings of this report are true and accurate. Though as stated below, further undetected ACM's may still be present within the premises. The client should therefore be aware of his responsibilities for identifying, locating, removing and/or managing all ACM's within the premises, and for notifying the appropriate authorities where necessary.

#### Management Surveys

Every effort was made to locate the presence of all asbestos containing materials within the areas included in the survey. It is recognised that construction techniques often create inaccessible void spaces, which without destructive sampling techniques being employed, would not be accessed during these types of survey. It must therefore be presumed, that asbestos containing materials, other than those located during the survey may exist within the building. It was not possible both in terms of costs and time, to sample each and every panel, tile or materials of similar type. Where these exist, only a percentage of similar type materials were sampled, on the assumption that other like materials were of an identical composition. It is therefore possible that some other materials of apparently identical composition may vary and as such could contain asbestos not detected in samples taken. For the reasons set out above we cannot give assurances that all asbestos containing materials have been located and as such we recommend that further sampling be undertaken, should these areas become accessible during the course of any future refurbishment or demolition works.

#### **Refurbishment and Demolition Surveys**

This type of survey employs the use of destructive sampling techniques. Although every effort is made to locate all asbestos containing materials, it is impossible to rule out the possibility that undiscovered asbestos materials may be present. If the building is to undergo major refurbishment or demolition, it is recommended that the persons carrying out the work are made aware of this and take sufficient precautions, as may be appropriate, to ensure the health and safety of their own employees and any other parties who may be affected by the works.





### 8.0 References

- (1) The Health and Safety at Work Act 1974 (as amended).
- (2) The Management of Health and Safety at Work Regulations 1999.
- (3) The "Control of Asbestos Regulations" 2012.
- (4) The Construction (Design and Management) Regulations 2007 (CDM).
- (5) The Control of Substances Hazardous to Health Regulations 2002 (as amended).
- (6) "Asbestos: The Survey Guide" HSG264: Surveying, Sampling and Assessment of Asbestos-containing Materials.
- (7) EN ISO/IEC 17020: General Criteria for the Operation of Various Types of Bodies Performing Inspection.
- (8) EN ISO/IEC 17025: General Requirements for the Competence of Testing and Calibration Laboratories.
- (9) HSG 247: Asbestos: The Licensed Contractors Guide.
- (10) HSG 248: Asbestos: The Analysts guide for Sampling, Analysis and Clearance Procedures.
- (11) HSG 227: A Comprehensive Guide to Managing Asbestos in Premises.
- (12) L143: ACOP: Work with Asbestos Containing Materials.



### Appendix A - Asbestos Materials in Buildings

Sprayed coatings applied in the UK were typically a mixture of hydrated asbestos cement containing up to 85% asbestos, mainly Amosite but Crocidolite and mixtures have been used. Primarily used for anti-condensation and acoustic control and fire protection to structural steelwork. It is a friable material but if in a good condition and unlikely to be disturbed presents no immediate danger; however it is likely to release fibres, if disturbed especially during repair and maintenance work. As it ages the binding medium of sprayed asbestos may degrade with the consequent release of more fibres.

Thermal insulation to boilers, vessels, pipe work, valves, pumps etc also known as hand applied lagging. Lagging may have a protective covering of cloth, tape, paper, metal or a surface coating of cement. All types of asbestos may be found in lagging and the content can vary between 15 and 85% asbestos with the protective papers being up to 100% Chrysotile. The likelihood of fibre release depends upon its composition, friability and state of repair, but it is particularly susceptible to damage and disturbance through maintenance work or the action of water leaks.

Asbestos insulating boards usually contain between 16 to 40% Amosite, although boards may be found to contain other types of asbestos and in other quantities. Insulating boards were developed in the 1950s to provide an economical, lightweight, fire resisting insulating material. As insulation board is semi-compressed it is more likely to release fibres as a result of damage or abrasion. Work on asbestos insulation board can give rise to high levels of asbestos fibre.

Asbestos cement products as in roofing sheets, wall cladding, permanent shuttering, flue, rain water and vent pipes generally contain 10 to 15% of asbestos fibre bounded in Portland cement, some flexible boards contain a small proportion of cellulose. All three types of asbestos have been used in the manufacture of asbestos cement. The asbestos fibres in asbestos cement are usually firmly bound in the cement matrix and will be released only if the material is mechanically damaged or as it deteriorates with age.

Ropes and yarns are usually high in asbestos content, approaching 100% and all three types of asbestos have been used in their manufacture. They were used as in the pipe lagging process and in pipe jointing and also for packing materials as in heat/fire resistant boiler, oven and flue sealing or anywhere thermal of fire protection was required. The risk of fibre release depends upon the structure of the material; bonded gasket material is unlikely to release asbestos but an unbonded woven material may give rise to high fibre release especially if when damaged or frayed.

Cloth thermal insulation and lagging, including fire resistant blankets, mattresses and protective curtains, gloves, aprons, overalls etc. All types of asbestos have been used in the manufacture but since the mid 60s the majority has been Chrysotile, the content of which can be up to 100 %.

Millboard, paper and paper products usually have an asbestos content approaching 100% with all three types of asbestos being used in their manufacture. They were used for insulation of electrical equipment and for thermal insulation; Asbestos paper has been used as a laminate for fireproofing to various fibre panels. These materials are on some occasions not well bonded and will release asbestos fibres if subject to abrasion and wear.

Bitumen felts and coatings may contain asbestos either bound in the bitumen matrix or as an asbestos paper liner. These materials are not likely to present a hazard during normal installation or use, but should be removed and disposed of in compliance with any regulation applicable.

Thermoplastic floor tiles can contain up to 25% asbestos usually Chrysotile, PVC vinyl floor tiles and unbacked PVC flooring normally 7-10% Chrysotile and asbestos paper backed PVC flooring the paper backing may contain up to 100% Chrysotile. Fibre release is not normally an issue but may occur when the material is cut or subjected to abrasion.

Textured coatings. Decorative coatings on walls and ceilings usually contain 3-5% Chrysotile. Fibre release may occur when subjected to abrasion.

Reinforced plastic and resin composites, used for toilet cisterns, seats, banisters, window seals, lab bench tops, brakes and clutches in machines. The plastics usually contain 1-10% Chrysotile and were used in for example car batteries to improve the acid resistance. Resins may contain between 20 and 50% Amosite, but because of its composition fibre release is likely to be low, even during cutting.

The above is not intended to be an exhaustive or definitive list. All materials suspected to consist of or contain asbestos will be inspected, sampled and reported.





### Appendix B - Results of Laboratory Testing (Bulk Sample Identification Certificates)





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Company Reg No: 5191390 Reg Address: As above





			Asbestos A						
	CERT	IFICAT	E FOR IDENTIFICAT	ION OF ASBEST	<b>OS FIBRES</b>	STAND	DARD		
						PREM			
						LMLKG			
Client:			NSULTANTS , DEREK ASHTON COURT						
Address:		MOTTRAN STALYBRI SK15 2LY	1 ROAD DGE		Analysis Report No.	SCO,	/16/172	!7	
Attention:		C MORRIS	5	Report Date.	25	/01/16			
Site Address:		CHINLEY	COMMUNITY CENTRE		Site Ref No.	2	20421		
Date sample ta	aken:	22/01/16			Page No:	2	Of	2	
Date sample re	eceived:	25/01/16			No. of Samples:		13		
Date of Analys	is:	25/01/16			Obtained:	DEL	IVERED	>	
method of tran If samples hav Services Limite	smitted/polarised li e been DELIVERED d are not responsib	ght microso the site ad le for the a	been examined to determine the p opy and centre stop dispersion sta dress and actual sample location is ccuracy or competence of the sam onsible for the interpretation of the	ining, based on HSE's HSG as given by the client at the pling by third parties. Unde	248. ne time of delivery. Scopes /	Asbestos	Analysi	is	
SCOPES SAMPLE No.	CLIENT SAMPLE No.		Sample Location		Fibre Type De	etected			
11	20421/011		ROOFING FELT		NADIS				
12	20421/012		CEMENT		NADIS				
13	20421/013		FELT LINING		NADIS				
								_	
Note: All samp	IS - No Asbestos De les will be retained tificate for Identifica	for a minim		ed except in full without the	written approval of the Lat	poratory.			
Analysed by:	N WILLIAMSC	N	Authorised signatory:		the				
			Print name:		S BOLTON- Q.C.M				
			BULK 001-VER 5 12-A	UGUST-09-QCM					

2 Nobel Square, Courtauld Road, Burnt Mills Industrial Estate, Basildon, Essex SS13 1LS **Tel:** 01268 724785 Fax: 01268 724796 **Mob:** 07765 685132 **E-Mail:** <u>enquiries@scopesaasl.co.uk</u> Company Reg No: 5191390 Reg Address: As above





### **Appendix C - Secondary Elements**

During the course of the survey the general building components were checked to provide assurances that these were non-asbestos and are described below.

(Room ID)Description	Walls	Floors	Ceilings	Other
(0-001)Entrance Lobby	Plaster	Vinyl to wood	Plaster	N/A
(0-002)Lounge	Plaster	Carpet to solid floor	Plaster	N/A
(0-003)Office	Plaster	Carpet to wooden boards	Plaster	N/A
(0-004)Corridor	Plaster	Vinyl to wooden boards	Plaster	N/A
(0-005)Disabled Toilet	Plaster	Vinyl to wooden boards	Plaster	N/A
(0-006)Ladies Toilets	Plaster	N/A	Plaster	Negative Skylights
(0-007)Side Entrance	N/A	N/A	N/A	N/A
(0-008)Female Changing	N/A	N/A	N/A	N/A
(0-009)Male Changing	Sampled and plaster	Vinyl to wooden boards	Plaster	N/A
(0-010)Toilet	Plaster	Vinyl to wooden boards	Plaster	N/A
(0-011)Boiler Cupboard	Sampled and plaster	Wooden Floor	Plaster	N/A
(0-012)Gents Toilet	Sampled and plaster	N/A	Plaster	N/A
(0-013)Hall	Sampled and plaster	Vinyl to wooden boards	MMMF to plaster	N/A
(0-014)Chair Store	Plaster	N/A	Plaster	N/A
(0-015)Kitchen	Plaster and sampled	Vinyl to wooden boards	Plaster	N/A
(0-016)Store	N/A	Wooden Floor	Wood	N/A
(External)Roof	N/A	N/A	N/A	Rainwater goods were seen to be steel Negative Skylights





### Appendix D - Asbestos Register

Room #: 0-001	Room Ref: E	ntrance Lobb	/							Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		Negative Electrics	Negative Electrics									0	0
Comment:	The electrica	l system witl	nin the area was	seen to be of	a type non conducive to	containing	asbestos cont	aining mater	ials.				
Recommendation:	No further ac	o further action required.											
Room #: 0-001	Room Ref: E	Review Date:											
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		001	Cement Panel(s)	1m²								0	0
Comment:	No asbestos	was detected	d in the sample o	f cement pan	els to the right hand sid	e of the elec	tric cupboard	ref: 20421/0	01.				
Recommendation:	No further ac	tion required	J.										
Room #: 0-001	Room Ref: E	ntrance Lobb	/							Review Date			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As001	Cement Panel(s)	2m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	d in the sample o	f the cement	panels to the side wall o	of the electric	cupboard re	f: 20421/001					
Recommendation:	No further ac	tion required	J.										
Room #: 0-001	Room Ref: E	ntrance Lobb	/							Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		002	Cement Panel(s)	Number of Items x 02								0	0
Comment:	No asbestos	was detected	d in the sample o	f the low leve	l cement panels to eithe	er side of doo	ors ref: 20421	/002.					
Recommendation:	No further ac	tion required	J.										
Room #: 0-001	Room Ref: E	ntrance Lobb	/							Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		003	Vinyl Floor Covering	2m²								0	0
Comment:	No asbestos	No asbestos was detected in the sample of the vinyl floor covering beneath the door mat ref: 20421/003.											
Recommendation:	No further ac	tion required	J.										





Room #: 0-002	Room Ref: L	ounge								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As001	Cement Panel(s)	2m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	l in the sample o	of the cement	panel to the wall of the	Office at low	level ref: 204	421/001.					
Recommendation:	No further ac	o further action required.											
Room #: 0-003	Room Ref:	Room Ref: Office Review Date:											
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected												0	0
Comment:	No suspect	asbestos con	taining materials	s were seen o	luring the course of the	Refurbishme	nt / Demolitio	n survey.					
Recommendation:	No further a	ction require	d.										
Room #: 0-004	Room Ref: C	orridor								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As003	Vinyl Floor Covering	1m²								0	0
Comment:	No asbestos	was detected	l in the sample o	of the vinyl flo	oor covering to the floor	within the cu	pboard ref: 2	0421/003.					
Recommendation:	No further ad	ction required	l.										
Room #: 0-005	Room Ref: D	isabled Toilet								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		004	Cement Panel(s)	2m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	l in the sample o	of the cement	panels to the wall behir	nd the cisterr	ref: 20421/0	04.					
Recommendation:	No further ac	ction required	l.										
Room #: 0-006	Room Ref: L	adies Toilets								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As004	Cement Panel(s)	1-5m <sup>2</sup>								0	0
Comment:	No asbestos	No asbestos was detected in the sample of cement panels to the wall below the window ref: 20421/004.											
Recommendation:	No further ad	tion required	l										





Room #: 0-006	Room Ref: L	adies Toilets								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As001	Cement Panel(s)	1m²								0	0
Comment:	No asbestos	was detected	l in the sample o	of cement pai	nel to the wall at low lev	vel behind the	e door ref: 204	421/001.					
Recommendation:	No further ac	further action required.											
Room #: 0-006	Room Ref: La	oom Ref: Ladies Toilets Review Date:											
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As003	Vinyl Floor Covering	1-5m²								0	0
Comment:	No asbestos	was detected	l in the sample o	of the vinyl flo	oor covering to floor ref:	20421/003.							
Recommendation:	No further ac	ction required	l.										
Room #: 0-007	Room Ref: S	Side Entrance								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Access		No Access										0	0
Comment:	No Access w	as possible i	nto the area as r	no keys were	made available at the t	ime of the su	rvey.						
Recommendation:	Works in the	e area should	proceed with ca	ution, if susp	ect asbestos containing	materials ar	e seen all wor	ks should sto	op and furthe	r sampling / i	nvestigation s	hould be ca	rried out.
Room #: 0-008	Room Ref: F	emale Chang	ing							Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Access		No Access										0	0
Comment:	No Access w	as possible i	nto the area as r	no keys were	made available at the t	ime of the su	rvey.						
Recommendation:	Works in the	e area should	proceed with ca	ution, if susp	ect asbestos containing	materials ar	e seen all wor	ks should sto	op and furthe	r sampling / i	nvestigation s	hould be ca	rried out.
Room #: 0-009	Room Ref: M	lale Changing								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		005	Cement Panel(s)	15-20m <sup>2</sup>								0	0
Comment:	No asbestos	No asbestos was detected in the sample of the cement panels to the walls ref: 20421/005.											
Recommendation:	No further ac	tion required	l.										





Room #: 0-009	Room Ref: M	lale Changing								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As002	Cement Panel(s)	1m²								0	0
Comment:	No asbestos	was detecte	d in the sample o	f the cement	panel to the wall to the	e side of the c	loor ref: 2042	1/002.					
Recommendation:	No further ad	o further action required.											
Room #: 0-010	Room Ref:	Room Ref: Toilet Review Date:											
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected												0	0
Comment:	No suspect	asbestos cor	taining materials	were seen o	luring the course of the	Refurbishme	nt / Demolitio	n survey.					
Recommendation:	No further a	ction require	ed.										
Room #: 0-011	Room Ref: T	ank Cupboard								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		006	Cement Panel(s)	5-10m <sup>2</sup>								0	0
Comment:	No asbestos	was detecte	d in the sample o	f the cement	panels to the front and	side walls re	f: 20421/006.						
Recommendation:	No further ad	ction required	l.										
Room #: 0-012	Room Ref: O	ients Toilet								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As006	Cement Panel(s)	2m <sup>2</sup>								0	0
Comment:	No asbestos	was detecte	d in the sample o	f the cement	panels to the wall behi	nd the urinal	ref: 20421/00	06.					
Recommendation:	No further ad	ction required	J.										
Room #: 0-012	Room Ref: G	ients Toilet								Review Date	:		
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As003	Vinyl Floor Covering	1m²								0	0
Comment:	No asbestos	No asbestos was detected in the sample of the vinyl floor covering ref: 20421/003.											
Recommendation:	No further ad	tion required	ł.										





Room #: 0-013	Room Ref: ⊦	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As001	Cement Panel(s)	2m²								0	0
Comment:	No asbestos	was detecte	d in the sample of	the cement	panel to the wall at low	level behind	the door ref:	20421/001.					
Recommendation:	No further a	o further action required.											
Room #: 0-013	Room Ref: H	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		007	lns Board (Sealed)	1m²								0	0
Comment:	No asbestos	was detecte	d in the sample of	the insulatir	ng board panel behind th	ne radiator re	f: 20421/007						
Recommendation:	No further a	ction require	d.										
Room #: 0-013	Room Ref: ⊦	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		008	Cement Panel(s)	1-5m²								0	0
Comment:	No asbestos	was detecte	d in the sample of	the cement	panels to the wall behin	id book case	under the wir	ndow ref: 204	421/008.				
Recommendation:	No further a	ction require	d.										
Room #: 0-013	Room Ref: ⊦	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As008	Cement Panel(s)	1-5m²								0	0
Comment:	No asbestos	was detecte	d in the sample of	the cement	panels to the wall to the	e right hand s	ide of the fire	e exit ref: 20	421/008.				
Recommendation:	No further a	ction require	d.										
Room #: 0-013	Room Ref: ⊦	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As008	Cement Panel(s)	1-5m²								0	0
Comment:	No asbestos	No asbestos was detected in the sample of the cement panel to wall on the right hand side of fire exit ref:20421/008.											
Recommendation:	No further a	tion require	d.										





Room #: 0-013	Room Ref: H	lall								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As007	Ins Board (Sealed)	Number of Items x 01								0	0
Comment:	No asbestos	was detected	d in the sample of	of the insulatir	ng board panel behind th	he radiator re	ef: 20421/007						
Recommendation:	No further ac	further action required.											
Room #: 0-013	Room Ref: H	om Ref: Hall Review Date:											
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As008	Cement Panel(s)	10-15m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	d in the sample (	of the cement	panels to the front wall	ref: 20421/0	08.						
Recommendation:	No further ad	ction required	d.										
Room #: 0-014	Room Ref: C	hair Store								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As003	Vinyl Floor Covering	10-15m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	d in the sample o	of the vinyl flo	or covering ref: 20421/0	)03.							
Recommendation:	No further ac	ction required	d.										
Room #: 0-014	Room Ref: C	hair Store								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As008	Cement Panel(s)	15-20m <sup>2</sup>								0	0
Comment:	No asbestos	was detected	d in the sample o	of the cement	panels to the walls ref:	20421/008.							
Recommendation:	No further ac	ction required	d.										
Room #: 0-015	Room Ref: K	itchen								Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		009	Bitumen Sink Pad	Number of Items x 01								0	0
Comment:	No asbestos	No asbestos was detected in the sample of the bitumen sink pad to the underside of the sink unit ref: 20421/009.											
Recommendation:	No further ad	tion required	d.										





Room #: 0-015	Room Ref: Kitchen									Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		As008	Cement Panel(s)	5-10m <sup>2</sup>								0	0
Comment:	No asbestos was detected in the sample of the cement panels to the wall ref: 20421/008.												
Recommendation:	No further action required.												
Room #: 0-016	Room Ref: Store									Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		010	Roofing Felt	25-30m <sup>2</sup>								0	0
Comment:	No asbestos was detected in the sample of the felt lining to walls ref: 20421/010.												
Recommendation:	No further action required.												
Room #: External	Room Ref: Roof									Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		011	Roofing Felt	Whole Roof								0	0
Comment:	No asbestos was detected in the sample of roofing felt to the whole of the flat roof ref: 20421/011.												
Recommendation:	No further action required.												
Room #: External 2	Room Ref: Fascia boards									Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		012	Cement Panel(s)	Perimeter								0	0
Comment:	No asbestos was detected in the sample of the cement panels to the high level fascias to the perimeter of the building ref: 20421/012.												
Recommendation:	No further action required.												
Room #: External 3	Room Ref: Timber Work									Review Date:			
Asb Detected	Asb/Type	Sample	Prod/Type	Extent	Surf Treat	Cond.	Location	Access	Exposure	Freq/Use	Time/Use	Score	(£)Budget
No Asbestos Detected		013	Roofing Felt	Throughout								0	0
Comment:	No asbestos was detected in the sample of the bitumen felt lining behind the timber panels to the perimeter of the building ref: 20421/013.												
Recommendation:	No further a	ction require	d.										





## Room ID: 0-001 Room Ref: Entrance Lobby

Sample No: Negative Electrics Asbestos Detected: No Asbestos Detected (£)Budget Cost: 0 Asbestos Type: **Product Type:** Negative Electrics Extent: Surface Treatment: **Condition:** Location: Access: Human Exposure: Frequency of Use: Time In use: Risk Score: 0 Comment: The electrical system within the area was seen to be of a type non conducive to containing asbestos containing materials.

Recommendation: No further action required.

Room ID: 0-001 Room Ref: Entrance Lobby Sample No: 001 Asbestos Detected: No Asbestos Detected

(£)Budget Cost: 0 Asbestos Type: Product Type: Cement Panel(s) Extent: 1m<sup>2</sup> Surface Treatment: Condition: Location: Access: Human Exposure: Frequency of Use: Time In use: Risk Score: 0



**Comment:** No asbestos was detected in the sample of cement panels to the right hand side of the electric cupboard ref: 20421/001.





Room ID: 0-001 Room Ref: Entrance Lobby Sample No: As001 Asbestos Detected: No Asbestos Detected

(£)Budget Cost: 0 Asbestos Type: Product Type: Cement Panel(s) Extent: 2m<sup>2</sup> Surface Treatment: Condition: Location: Access: Human Exposure: Frequency of Use: Time In use: Risk Score: 0



**Comment:** No asbestos was detected in the sample of the cement panels to the side wall of the electric cupboard ref: 20421/001.

### Recommendation: No further action required.

Room ID: 0-001 Room Ref: Entrance Lobby Sample No: 002 Asbestos Detected: No Asbestos Detected

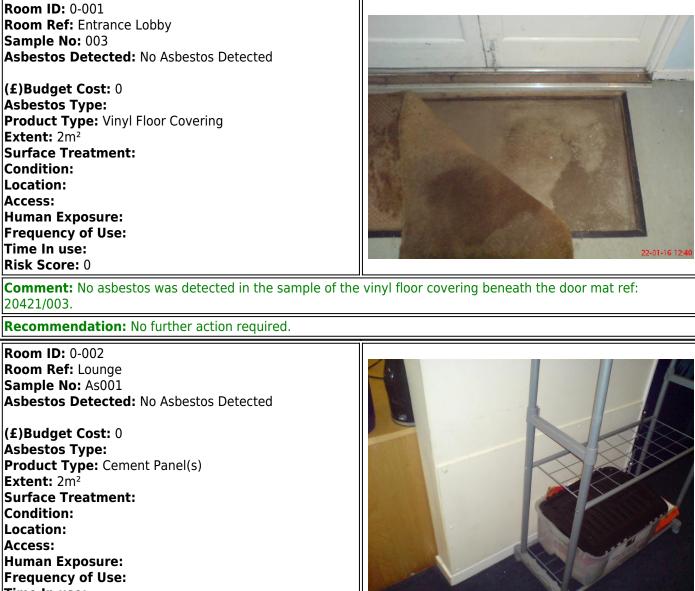
(£)Budget Cost: 0 Asbestos Type: Product Type: Cement Panel(s) Extent: Number of Items x 02 Surface Treatment: Condition: Location: Access: Human Exposure: Frequency of Use: Time In use: Risk Score: 0



**Comment:** No asbestos was detected in the sample of the low level cement panels to either side of doors ref: 20421/002.





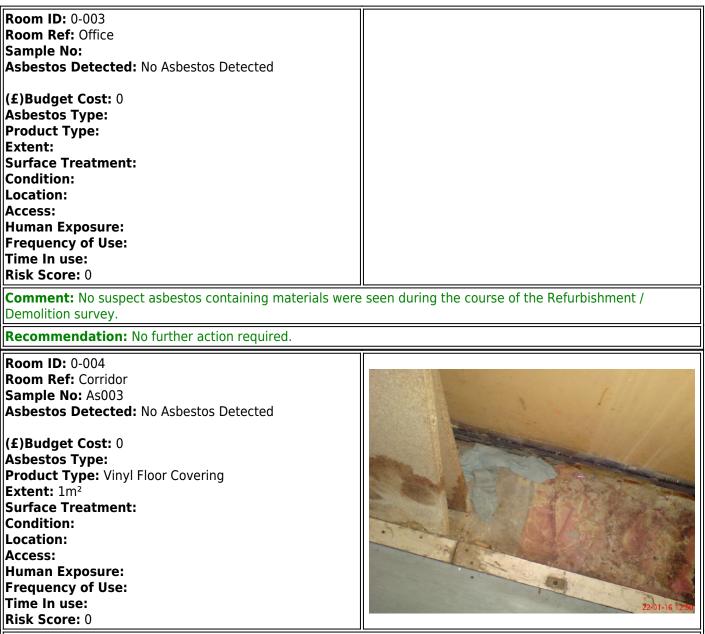


Time In use: Risk Score: 0

**Comment:** No asbestos was detected in the sample of the cement panel to the wall of the Office at low level ref: 20421/001.



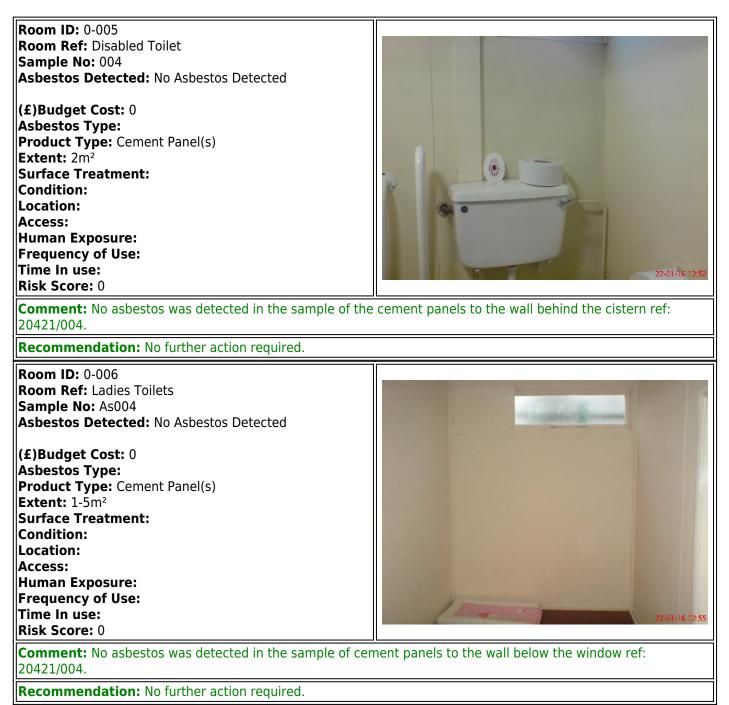




**Comment:** No asbestos was detected in the sample of the vinyl floor covering to the floor within the cupboard ref: 20421/003.

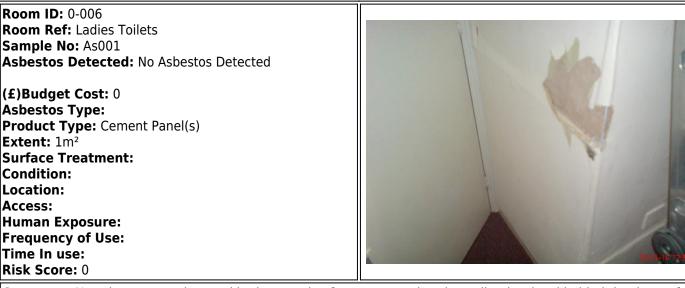












**Comment:** No asbestos was detected in the sample of cement panel to the wall at low level behind the door ref: 20421/001.

#### Recommendation: No further action required.

Room ID: 0-006 Room Ref: Ladies Toilets Sample No: As003 Asbestos Detected: No Asbestos Detected

(£)Budget Cost: 0 Asbestos Type: Product Type: Vinyl Floor Covering Extent: 1-5m<sup>2</sup> Surface Treatment: Condition: Location: Access: Human Exposure: Frequency of Use: Time In use: Risk Score: 0



Comment: No asbestos was detected in the sample of the vinyl floor covering to floor ref: 20421/003.



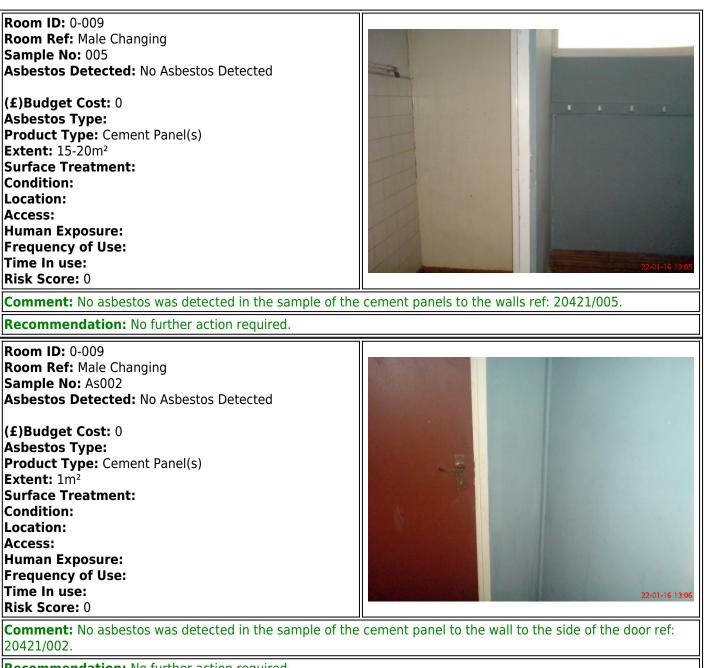




**Recommendation:** Works in the area should proceed with caution, if suspect asbestos containing materials are seen all works should stop and further sampling / investigation should be carried out.

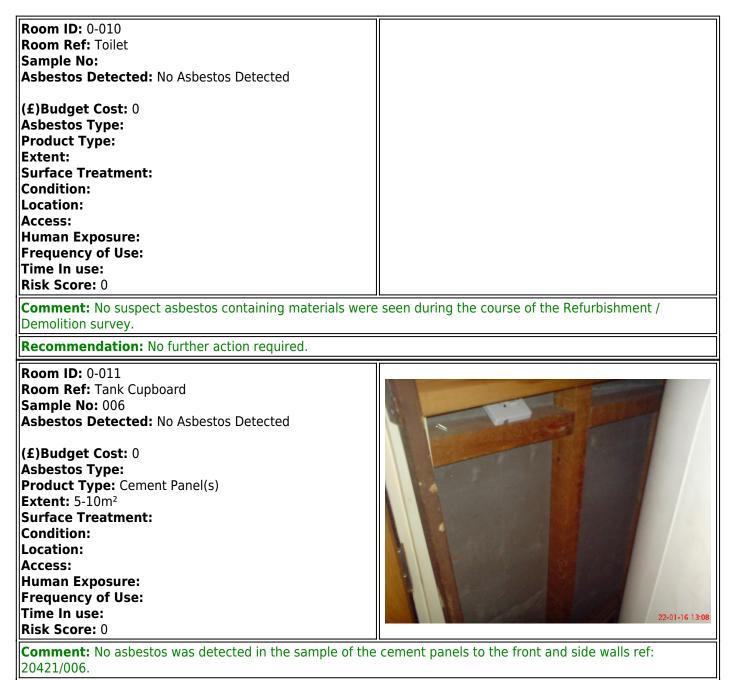






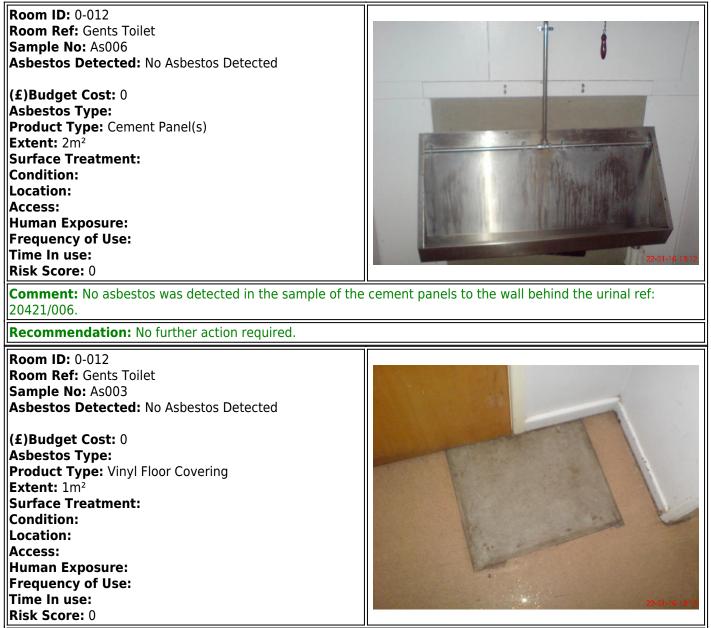








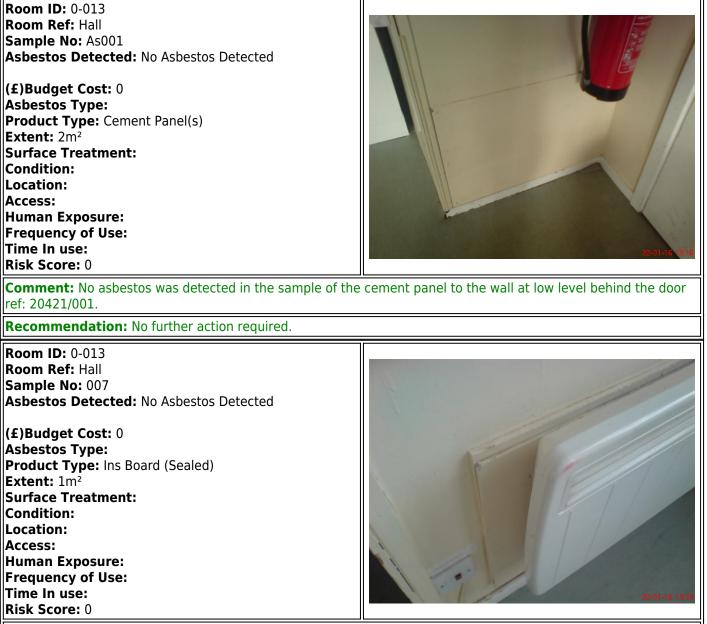




**Comment:** No asbestos was detected in the sample of the vinyl floor covering ref: 20421/003.



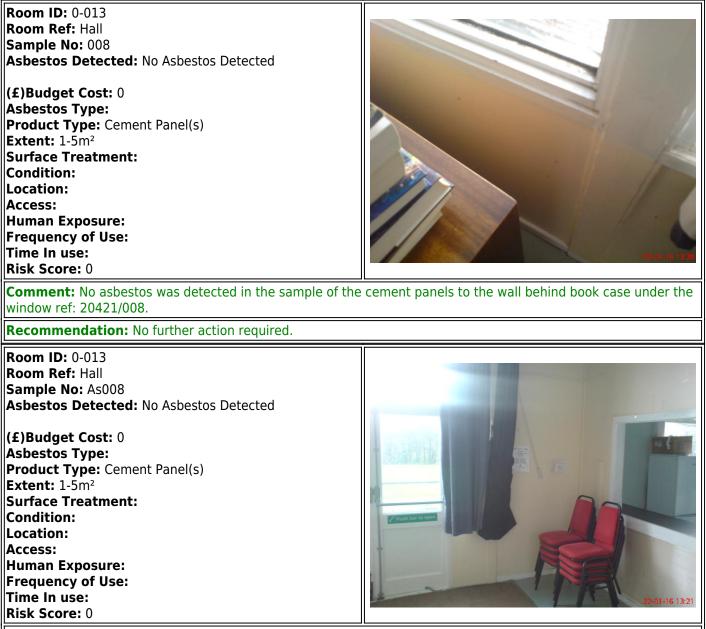




**Comment:** No asbestos was detected in the sample of the insulating board panel behind the radiator ref: 20421/007.



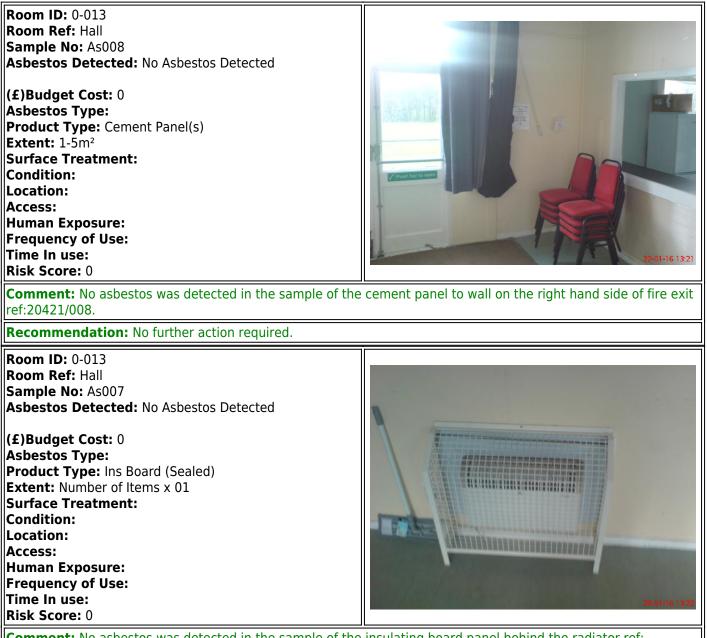




**Comment:** No asbestos was detected in the sample of the cement panels to the wall to the right hand side of the fire exit ref: 20421/008.



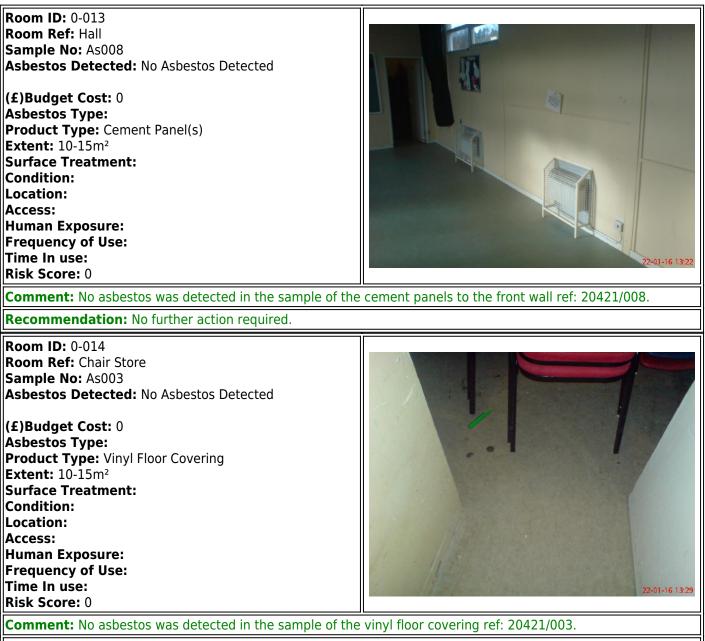




**Comment:** No asbestos was detected in the sample of the insulating board panel behind the radiator ref: 20421/007.

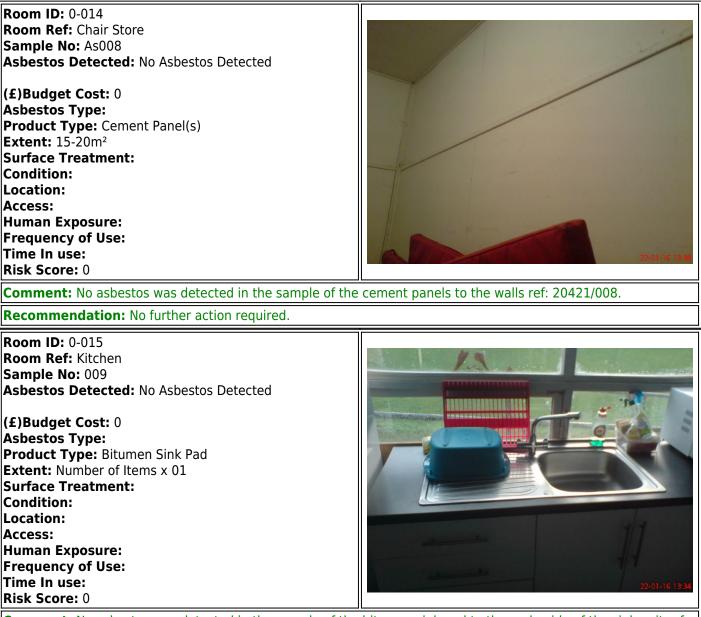












**Comment:** No asbestos was detected in the sample of the bitumen sink pad to the underside of the sink unit ref: 20421/009.

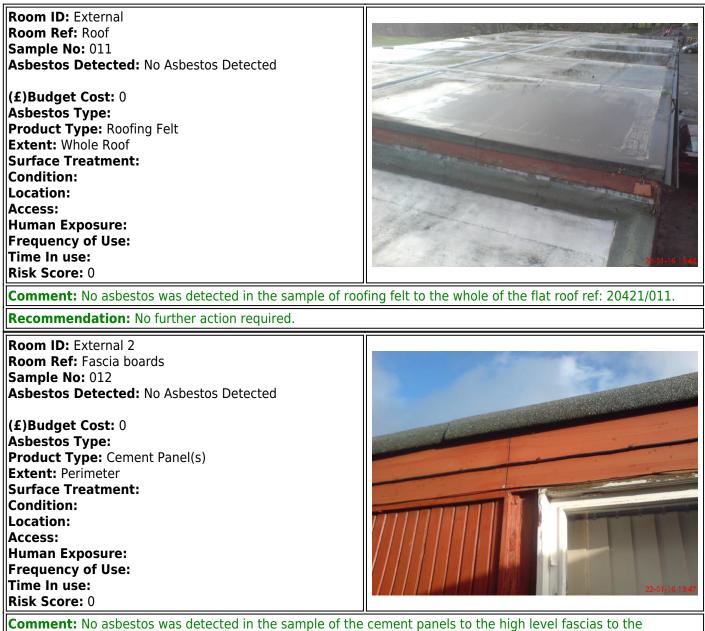








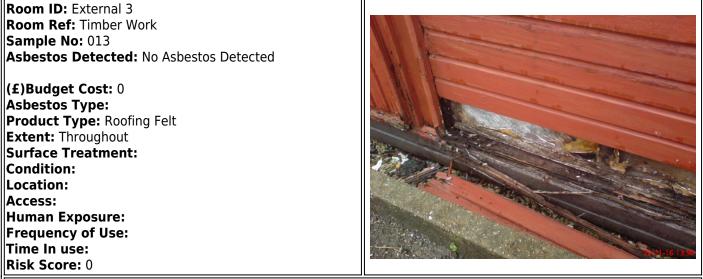




**Comment:** No asbestos was detected in the sample of the cement panels to the high level fascias to the perimeter of the building ref: 20421/012.





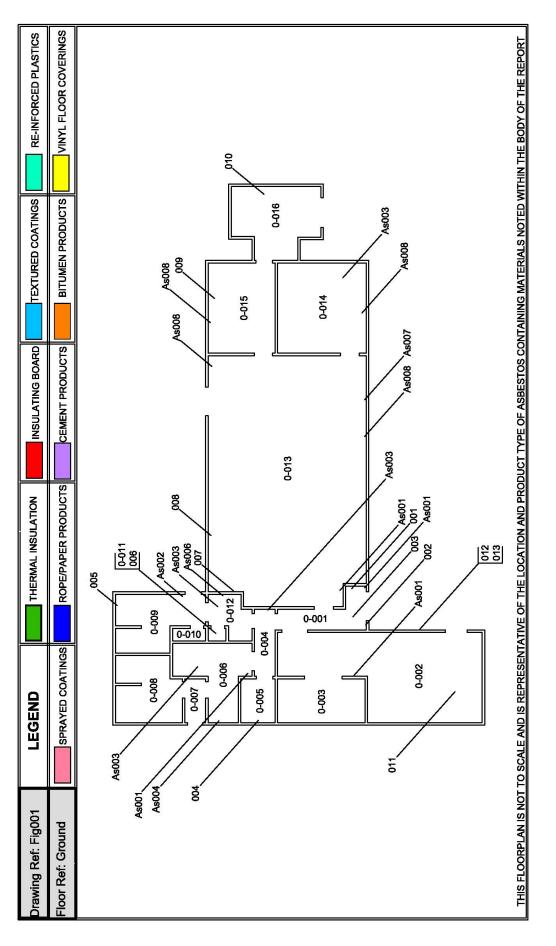


**Comment:** No asbestos was detected in the sample of the bitumen felt lining behind the timber panels to the perimeter of the building ref: 20421/013.





## Appendix F - Annotated Floor Plans





**A&L Consultants Page 44 of 44** Office 3, Derek Ashton Court, Mottram Road, Stalybridge, Cheshire, SK15 2LY Tel: 0161 338 3444 Fax: 0161 338 3999 e-mail: enquiries@alconsultants.org

