

HSG 264
REFURBISHMENT AND DEMOLITION
ASBESTOS SURVEY REPORT

Eastern Science Block
Carn Thomas
St. Mary's
Isles of Scilly
TR21



JOB NO: J016402
DATE OF SURVEY: 23 Jun 2015
DATE OF ISSUE: 1 Jul 2015

SCOPE OF WORKS: HSG 264 Refurbishment Demolition of the Eastern Science Block and 2nd Floor or the Western Block areas.

Asbestos Management Specialist 2000 Ltd
AMS House, 1 Barbican Close, Barnstaple, EX32 9HE
Phone: 0800 085 1749 Mobile: 07967 227 084
Email: asbestos@ams-2000.co.uk

	Content	Page
1.0	Principle Parties	3
2.0	Executive Summary	4
3.0	Survey Summary	5
4.0	Survey Details	8
5.0	Introduction	9
6.0	Asbestos Essentials	11
7.0	Refurbishment and Demolition Survey	13
8.0	Material Risk Assessment	16
9.0	Asbestos Register	20
10.0	Asbestos Location Floorplan	56
11.0	Bulk Material Sample Certificate	59
12.0	Recommendations	64
13.0	Priority Assessment and Algorithm	65
14.0	Further Guidance	69

This report and its contents therein, form the opinions of AMS and results from a UKAS accredited laboratory. All aspects of the production of this report have been completed in accordance with in-house procedures and HSE guidance HSG 264 Asbestos: The Surveyors Guide. The content of this report may not be altered or amended in any manner by a third party without the express prior consent of AMS.

Any further duplication of this survey must be done in its entirety.

Please note AMS cannot be held responsible for the way in which the client may interpret or act upon the results or information within this report.

Please contact AMS if further information/ guidance are required.



1.0 PRINCIPLE PARTIES

1.1	Client	
	Council of the Isle of Scilly Town Hall St. Mary's Isle of Scilly TR21 0LW	Tel: 01720424034
		Fax:
		Contact: Leonie Jones
		Email: LJones@scilly.gov.uk
1.2	Building Occupier	
	Eastern Science Block Carn Thomas St. Mary's Isles of Scilly TR21	Tel:
		Contact:
1.3	Surveying Organisation	
	Asbestos Management Specialist 2000 Ltd. AMS House 1 Barbican Close Barnstaple EX32 9HE	Tel: 0800 085 1749
		Fax: 01271 375436
		Contact: Matt Kempster
		Email: asbestos@ams-2000.co.uk

2.0 OVERVIEW SUMMARY

This report contains the findings of an Asbestos Refurbishment and Demolition Survey, completed by an AMS surveyor qualified to the standard of The British Occupational Hygiene Society (BOHS) P402 Building, Surveying and Bulk Sampling for Asbestos.

This inspection was carried out in accordance with the HSE guidance 264 Asbestos: The Survey Guide (February 2010), and in accordance with Regulation 4 and 7 of the Control of Asbestos Regulations 2012 (CAR 2012) – A duty to manage asbestos in non-domestic premises.

An Asbestos Refurbishment and Demolition Report has been produced to determine the presence of Asbestos Containing Materials within the building (ACM's).

As far as reasonably practicable the content of this report is intended to provide the client with information regarding all ACM's in the area where refurbishment work will take place or in the whole building if demolition is planned.

This survey document is specifically for the areas surveyed under the scope of works as agreed with Council of the Isle of Scilly therefore the contents of this document are NOT to be used for any works outside the agreed scope of works.

Scope of Survey:

The survey consist of a HSG 264 Refurbishment Demolition survey of the Ground Floor and 1st Floor areas of the Eastern Science Block and also the 2nd Floor areas of the Western Block areas where affected by the proposed demolition works.

The survey consist of an invasive investigation of all areas of the areas stated above, including ceiling, wall and floor void areas to confirm/ refute the presence of asbestos containing materials likely to be affected by the works.

3.0 SURVEY SUMMARY

POSITIVE ITEMS

Item No:	Sample Ref:	Location:	Description:	Quantity	Action Level	Material Classification
12	AJ001652	Large Lab 2 Store 1	Grey and beige vinyl floor tiles and adhesive	4m ²	C	NNL
29	As AJ001652	Corridor	Grey and beige vinyl floor tiles and adhesive	18m ²	C	NNL
39	As AJ001652	Store	Grey and beige vinyl floor tiles and adhesive	5m ²	C	NNL
41	AJ001661	Large Workshop	Textile flashguards to electrical switchgear and associated debris	4no.	C	NL
65	As AJ001661	Store	Textile flashguards to electrical switchgear	2no.	C	NL
6	AJ001648	Large Lab Roofspace	Textile flashguards within electrical switchgear	1no.	D	NL
17	As AJ001648	Store	Textile flashguards to electrical switchgear	2no.	D	NL
18	As AJ001652	Store	Grey and beige vinyl floor tiles and adhesive	3m ²	D	NNL
26	AJ001656	Stairway	Brown vinyl floor tiles and adhesive to stairs	10m ²	D	NNL
27	AJ001657	Stairway	Black bull nosing to stairs	15lm	D	NL
38	As AJ001648	Store	Textile flashguards to electrical switchgear	2no.	D	NL
42	AJ001662	Large Workshop	Cement piping for underfloor cable runs	10m ²	D	NNL
53	AJ001669	Stairway	Beige and grey vinyl floor tiles and adhesive	20m ²	D	NNL
59	As AJ001669	Corridor	Beige and brown vinyl floor tiles and adhesive	20m ²	D	NNL
64	AJ001671	Store	Green vinyl floor tile remains and adhesive	1m ²	D	NNL
68	AJ001674	East Building	Cement undercloak fillets to gable ends	60m ²	D	NNL
71	AJ001677	East Building	Cement rainwater downpipes and flues to various areas	10lm	D	NL

NEGATIVE ITEMS

Item No:	Sample Ref:	Location:	Description:
1	AJ001645	-Large Science Lab 1	Black sit on skirting
2	AJ001646	-Large Science Lab 1	Dust/ debris sample within floor ducts
3	AJ001647	-Large Lab Roofspace	Bitumen roofing felt to main roof areas
4	As AJ001645	-Lab Store 1	Black sit on skirting
5	As AJ001645	-Lab Store 2	Black sit on skirting
7	AJ001649	-Lab Prep Area	Insulating board access panels to boxing
8	AJ001650	-Lab Prep Area	Armstrong type suspended ceiling tiles
9	As AJ001650	-Large Science Lab 2	Armstrong type suspended ceiling tiles
10	AJ001651	-Large Science Lab 2	Beige vinyl floor tiles and adhesive
11	As AJ001650	-Large Lab 2 Store 1	Armstrong type suspended ceiling tiles

13	As AJ001649	-Large Lab 2 Store 2	Insulating board access panels to boxing
14	As AJ001645	-Large Lab 2 Store 2	Black sit on skirting
15	As AJ001650	-Lab 2 Prep Room	Armstrong type suspended ceiling tiles
16	AJ001653	-Lab 2 Prep Room	Beige vinyl flooring
19	As AJ001650	-IT Room	Armstrong type suspended ceiling tiles
20	As AJ001650	-Dark Room	Armstrong type suspended ceiling tiles
21	AJ001654	-Dark Room	Sound pad to sink unit
22	AJ001655	-Dark Room	Paper backing to lino flooring
23	As AJ001650	-Disabled WC	Armstrong type suspended ceiling tiles
24	As AJ001650	-Boys WC	Armstrong type suspended ceiling tiles
25	As AJ001650	-Corridor	Armstrong type suspended ceiling tiles
28	As AJ001650	-Corridor	Armstrong type suspended ceiling tiles
30	As AJ001650	-Room 215	Armstrong type suspended ceiling tiles
31	AJ001658	-Room 210	Bitumen membrane within perimeter wall cavity - throughout building
32	As AJ001647	-Main Roofspace	Bitumen roofing felt to main roof areas
33	AJ001659	-Room 211	Paper to fibreboard wall linings
34	As AJ001650	-Room 211	Armstrong type suspended ceiling tiles
35	As AJ001650	-Office	Armstrong type suspended ceiling tiles
36	As AJ001650	-IT Store	Armstrong type suspended ceiling tiles
37	As AJ001650	-Store	Armstrong type suspended ceiling tiles
40	AJ001660	-Large Workshop	Armstrong type suspended ceiling tile (small)
43	AJ001663	-DT Back Room 1	Paper to fibreboard ceiling lining
44	As AJ001663	-DT Back Room 2	Paper to fibreboard ceiling lining
45	AJ001664	-Art Room	Sound pad to sink unit
46	As AJ001645	-Link Corridor	Black sit on skirting
47	As AJ001653	-Link Corridor	Beige vinyl flooring
48	AJ001665	-Store	Black sit on skirting and bull nosing
49	AJ001666	-Store	Bitumen paper membrane within perimeter cavity walls
50	AJ001667	-Canteen	Sound pads to sink units
51	As AJ001665	-Canteen	Black sit on skirting
52	AJ001668	-Stairway	Black bull nosing
54	As AJ001665	-Dry Room	Black sit on skirting
56	As AJ001665	-Toilet Lobby	Black sit on skirting
57	As AJ001665	-Changing Room	Black sit on skirting
58	AJ001670	-Changing Room	Dust/ debris sample within floor void
60	As AJ001665	-Changing Room and Toilets	Black sit on skirting
61	As AJ001666	-Changing Room and Toilets	Bitumen paper membrane within perimeter wall cavities - throughout building

62	As AJ001667	-Kitchen	Sound pad to sink unit
63	As AJ001665	-Art Room	Black sit on skirting
66	AJ001672	-West Building	Putty to timber frame windows
67	AJ001673	-West Building	Bitumen roofing felt to main flat roof areas
69	AJ001675	-East Building	Bitumen roofing felt to flat roof areas
70	AJ001676	-East Building	Rubber finished pipe insulation to perimeter of building

INACCESSIBLE ITEMS

Item No:	Sample Ref:	Location:	Description:
72		-East Building	Limited access to some areas to rear of property due to overgrown vegetation

4.0 SURVEY DETAILS

4.1	Site Address	Eastern Science Block, Carn Thomas, St. Mary's, Isles of Scilly, TR21
4.2	Date Of Survey	23 Jun 2015
4.3	Date of Issue	1 Jul 2015
4.4	Lead Surveyor	Matt Kempster
4.5	Assisted Surveyor	Daniel Clifton
4.6	Number of Samples	33
4.7	Positive Samples	17
4.8	Building Description	Redundant School
4.9	Age of Building	1960s
4.10	Construction Type	Steel Frame
4.11	Report Authorisation	Matt Kempster
4.12	Position	Surveying Manager
4.13	Signed	
4.14	Date	1 Jul 2015

5.0 INTRODUCTION

5.1 Dangers of Asbestos

Asbestos is a highly hazardous naturally occurring mineral widely used in building construction. If asbestos fibres are inhaled they are likely to give rise to respiratory disease which can lead to a fatal condition. Consequently there is considerable legislation and guidance aimed to eliminate, as far as possible, the release of airborne asbestos fibres to prevent the inhalation of the fibres.

If any alterations or construction works are planned within a building the risk of asbestos contamination should be considered. The presence of any asbestos within the building must be known and that information passed to the persons carrying out the work. Damage to asbestos can affect the person carrying out the work as well as the building occupants.

It is not illegal to have asbestos within a building however there are legal duties covering general safety. The condition of any asbestos within a building may affect safety and therefore it must not be in a condition that results in (or is likely to result in) airborne contamination.

It is important to maintain effective management of any asbestos present; therefore a competent person should be nominated to do this.

The competent person should oversee all aspects of asbestos detailed in this guidance note.

5.2 Legislation

The Control of Asbestos Regulations 2012 came into force on the 6th April 2012. Regulation 4 mirrors the duty concerning the management of asbestos which was introduced in The Control of Asbestos Regulations 2006.

The responsibility for fulfilling these requirements rests with owners and occupiers of non-domestic premises who have maintenance and repair responsibilities. This will often be stated in an existing contract or tenancy agreement, but when this is not the case the duty will fall to whoever is in control of the property. Where there are many tenants in single premises, the different employers must be aware of their duty to co-operate under the Management of Health and Safety at Work Regulations 1999.

The duties will also be applicable to landlords of domestic rented properties which possess common areas such as staircases, foyers etc. The individual flats or houses will be covered by the requirements of the Defective Premises Act 1972 (in Scotland this is the Civic Government (Scotland) Act 1982). Landlords have to take reasonable care to see that tenants and other people are safe from personal injury or disease caused by a defect in the state of the premises under this Act.

The Regulations state that these parties have a duty to assess their premises for the presence of any asbestos containing materials (ACM's) and manage the potential risks.

The purpose of the asbestos management survey is to assist the owners and occupiers in their duty to comply with regulation 4 of the CAR 2012 to:

1. Locate as far as reasonably practicable, the presence and extent of any suspect ACM's in the building which could be damaged or disturbed during normal occupancy, including foreseeable maintenance and installation works.

2. Inspect and record information on the accessibility, condition and surface treatment of any known or suspected ACM's. A plan of the property is to be used so that the position of the asbestos containing materials can be clearly located. This information must then be made available to any persons who are liable to work on or disturb the materials.
3. Determine and record the asbestos type, either by collecting representative samples of suspected materials for laboratory identification, or by making presumption based on the product type and its appearance. If there is any doubt as to content of the material, this must be presumed to contain asbestos.
4. Assist the duty holder for preparation of producing a priority assessment plan and final risk assessment scores. Once the risk associated with the material has been assessed a written plan must then be devised detailing how that risk is to be managed. This may be to do nothing or to fully remove, depending on the nature of the risk. The management plan is a live document and must be reviewed regularly.

There is a specific requirement in CAR 2012 regulation 7 for all ACM's to be removed as far as reasonably practicable before major refurbishment or final demolition. Removing ACM's is also appropriate in other smaller refurbishment situations which involve structural or layout changes to buildings (e.g. removal of partitions, walls units ect.) Under the Construction Design Management Regulations 2007 (CDM), the survey information should be used to assist in the tendering process for removal of ACM's from the building before works start. This survey report should be supplied by the client to the designers and contractors who may be bidding for the work, so that 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 debris maybe 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. Please refer to sections 7 for further information on the material risk assessment algorithm.

5.3 Further Considerations

Check that your current arrangements for the management of asbestos within your premises are effective and are being applied properly; Adopt a precautionary approach to maintenance work. Until a proper assessment has been carried out of your premises you must assume that all materials being worked on are asbestos. Carry out an initial inspection of the premises to look for serious damage and disturbance of material and take effective remedial action as necessary.

6.0 ASBESTOS ESSENTIALS

6.1 What is Asbestos?

Asbestos is a collective term given to the 6 naturally occurring minerals that are incombustible and separable into filaments. These fibres are characterized by high tensile strength, resistance to alkalis, heat and fire, high flexibility and good spin ability. Because of these qualities, asbestos has been used in thousands of industrial, construction and consumer products.

6.2 Types of Asbestos

It is important to understand the basic types of asbestos and the forms in which it is present in order to appreciate the associated risk.

There are three common types of asbestos:

- Chrysotile (WHITE ASBESTOS)
- Amosite (BROWN ASBESTOS)
- Crocidolite (BLUE ASBESTOS)

Blue asbestos is generally regarded as being the most hazardous, though all types can cause lung damage and should be regarded with the same degree of caution.

The form in which asbestos is present is more important in determining the risk to health as some forms of asbestos release fibres into the atmosphere more readily than other forms. The main forms present in buildings, in ascending degree of risk, are:

- Asbestos Sprayed Coatings (HIGHEST RISK)
- Asbestos Insulation
- Asbestos Rope
- Asbestos Insulating Board
- Asbestos Cement (LOWEST RISK)

6.3 Locations of Asbestos Within Buildings

The use of asbestos coatings and insulation, and most types of asbestos is now prohibited by law. Many thousands of tons of asbestos have previously been used in buildings of all types, and much of it is still present. The most common uses of asbestos within buildings are:

Asbestos Sprayed Coatings - Used for fire protection and/or thermal & acoustic insulation to:

- Structural Steelwork
- Concrete Walls
- Soffits/Ceilings

Asbestos Insulation - Used as general thermal insulation for:

- Pipe work
- Boilers
- Pressure Vessels
- Ducting

Asbestos Rope/Cloth - Used as a component of:

- Gaskets and seals to boilers and flues
- Fire blankets
- Protective curtains

Asbestos Insulating Board - Used for fire protection, insulation and as a general building board (under various trade names, including Asbestolux) within:

- Wall Partitions
- Ceiling Tiles - Ducts
- Wall Linings
- Fire Breaks
- Fire Door Protection
- Panels to Heating Units & Electrical Switchgear

Asbestos Cement - Produced as profiled and flat sheeting, and moulded products for use within:

- Roofs
- Partitioning
- Shuttering
- Soffit Boards
- Rain Water Goods
- Water Tanks
- Flue Pipes
- Roof Tiles/Slates
- Decorative Finishes

Miscellaneous Uses:

- Roofing Felt and Damp-Proofing Material
- Vinyl Floor Tiles
- Textured Coatings

7.0 Asbestos Refurbishment and Demolition Survey

7.1 Surveyors Statement

This report has been produced on the findings of HSG 264 Asbestos Refurbishment and Demolition Survey for asbestos containing materials carried out by Matt Kempster (Asbestos Management Specialist 2000 Ltd.) on the 23 Jun 2015.

The purpose of this survey used to locate and describe as far as reasonable practicable, all ACM's in the area where refurbishment work will take place or in the whole building if demolition is planned.

7.2 Scope of Survey

Areas surveyed consisted of Large Science Lab 1, Lab Store 1, Lab Store 2, Lab Prep Area, Large Science Lab 2, Large Lab 2 Store 1, Large Lab 2 Store 2, Lab 2 Prep Room, Store, IT Room, Dark Room, Disabled WC, Boys WC, Corridor, Stairway, Large Lab Roofspace, Main Roofspace, Corridor, Room 215, Room 210, Room 211, Office, IT Store, Store, Large Workshop, DT Back Room 1, DT Back Room 2, Art Room, Link Corridor, Store, Canteen, Stairway, Dry Room, Toilets, Toilet Lobby, Changing Room, Corridor, Changing Room and Toilets, Kitchen, Art Room, Store, West Building, East Building as per the site plans within section 9 of this survey report.

All areas were accessed as far as reasonably practicable during the course of the survey. For areas whereby access was not successfully gained for reason beyond the Surveyors control have been recorded within the material risk assessment by their unique room reference and also identified on the attached building floor plans. Please refer to sections 7 and 8 for this information.

The content of this report is intended to provide the client with the information necessary to manage the risks arising from ACM's present within the requested areas. However there remains a possibility the further ACM's may be present and exposed and possibly disturbed during alterations, refurbishment or demolition works. The survey involved fully intrusive and involved destructive inspection, as necessary, to gain access to the areas including those that may be difficult to reach.

7.3 Limitations of an Asbestos Refurbishment and Demolition Survey Report

We have endeavoured to survey all accessible areas and have reported on materials suspected to contain asbestos. However, this survey should not be considered as a fully complete document, but the most comprehensive giving the constraints of the survey by the client therefore responsibility cannot be accepted for asbestos or any other hazardous materials found later.

Where areas have been identified as inaccessible, it indicates that the area specified was not accessible to the surveyor at the time of the survey, either because of locked rooms or because to have gained entry would require an unreasonable degree of dismantling to the structure of the building. The client is advised to be alert to the possibility of there being ACM's in such areas.

Where inaccessible areas and items were apparent to the surveyor; these have been identified accordingly.

In addition it may be impracticable or unsafe to access certain items of plant or equipment.

It is strongly recommended that before any access to, or works on, these areas/items is undertaken, then an appropriate level of survey/inspection is undertaken.

Manufactured products containing asbestos have been extremely diverse. No responsibility can therefore be accepted for any consequential loss or damage of any kind, resulting from non-recognition of a material that is later established as having an asbestos content.

This survey report, only relates to the conditions obtained on the day(s) of the survey and cannot take into account subsequent changes in circumstances. Materials were sampled if, in the opinion of the Surveyor, there was a significant probability that they might contain asbestos.

This survey report contains findings based upon visual inspection and during the course of the survey all reasonable efforts were made to identify the presence of materials containing asbestos within the designated areas.

No responsibility can be taken for any misinterpretation of this report by third parties.

7.4 Sampling Locations

Samples have not been taken where the act of sampling would endanger the surveyor or affect the functional integrity of the item concerned. For example; fuses within electrical switch gear, gaskets, fire doors and ropes associated with heating, glazing or power plant.

Whilst all reasonable efforts were made to identify the true nature and extent of the asbestos material present in the building/area surveyed, no responsibility is accepted for the presence of asbestos containing materials other than those sampled at the requisite density.

Bulk samples have been taken from all materials which, in the opinion of the Surveyor, had a significant probability of containing asbestos; with the exception of items of bitumen, plastics, resin or rubber composites which contain asbestos, the thermal and acoustic properties of which are incidental to their main purpose and which fall outside the scope of the Approved Code of Practice for Work with Asbestos Insulation, Asbestos Coating and Asbestos Insulation Board (AIB).

7.5 Caveat

Every effort has been made to identify all asbestos materials so far as was reasonably practical to do so within the scope of the survey and attached report. Methods used to carry out the survey were agreed with the client prior to any works being commenced.

Survey techniques used involves trained and experienced surveyors using the combined approach with regard to visual examination and necessary bulk sampling. It is always possible after a survey that asbestos based materials of one sort or another may remain in the property or area covered by the survey, this could be due to various reasons:

1. Asbestos materials existing within areas not specifically covered by this report are therefore outside the scope of the survey.
2. Asbestos may well be hidden as part of the structure to a building and not visible until the structure is dismantled at a later date.
3. Where a survey is carried out under the guidance of the owner of the property, or his representative, then the survey will be as per his/her instructions and guidance at that time.
4. AMS 2000 Ltd cannot accept any liability for loss, injury, damage or penalty issues due to error or omissions within this report.
5. AMS 2000 Ltd cannot be held responsible for any damage caused as part of this survey carried out on your behalf. Due to the nature and necessity of sampling for asbestos some damage is unavoidable and will be limited to just that necessary for the taking of the sample.

7.6 Use of the Survey Document

Information contained within this survey should be made available to all interested parties, including Health and Safety Representatives and contractors. A copy should be held at the property for inspection.

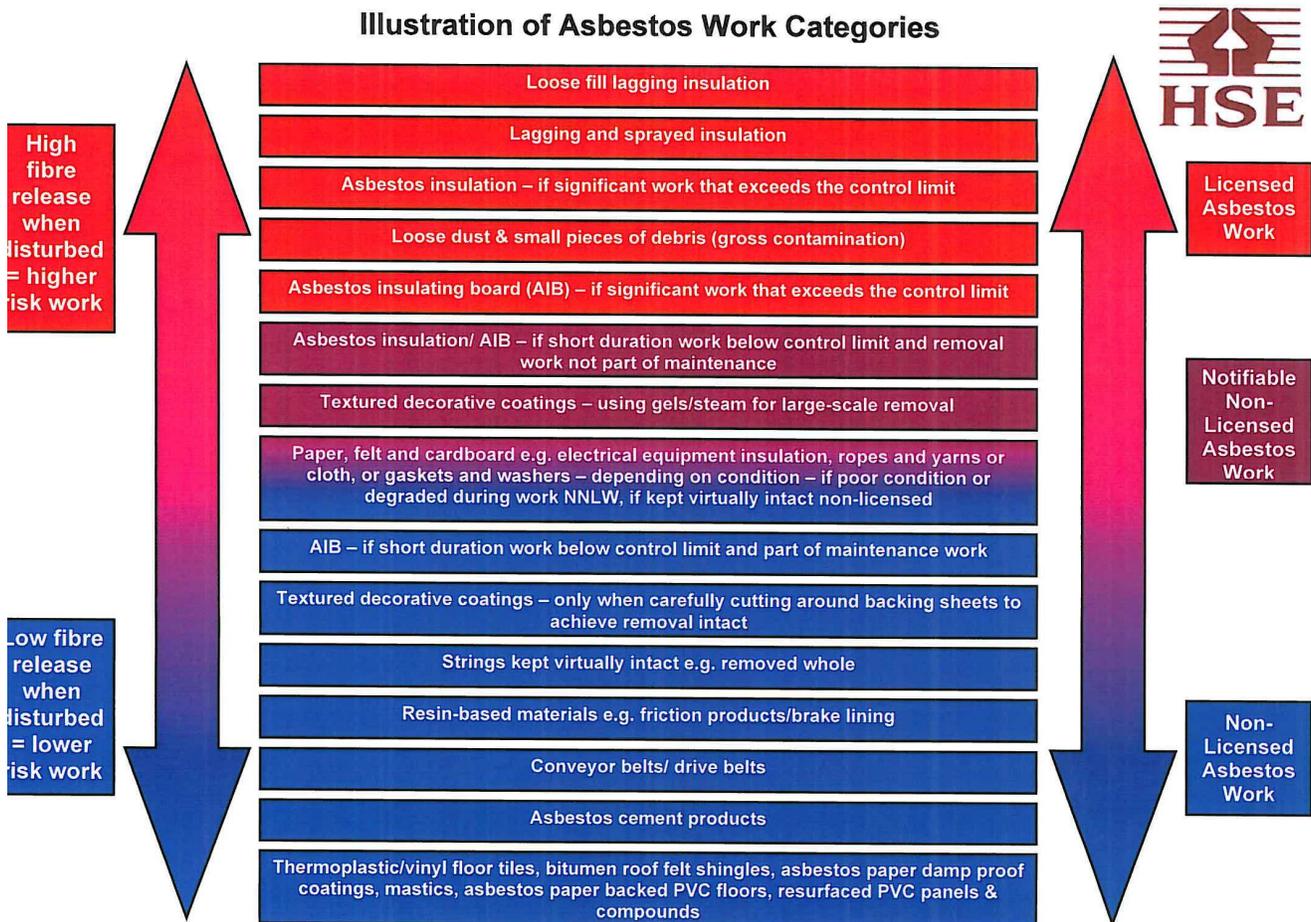
It is strongly advised that Contractors view this survey report before carrying out any related works. The Contractors must not cut, drill or abrade any materials, which contain asbestos or where the contractor suspects that the material may contain asbestos.

Contractors must not assume that there is no asbestos present if there is no entry on the Report within the contractor’s proposed working area. If the contractor suspects the presence of asbestos then the Contractor is legally obligated to seek advice before continuing with the proposed works.

Any work involving this type of asbestos containing material must be carried out in full compliance with the Asbestos Licensing Regulations, The Control of Asbestos Regulations 2012, all other relevant codes of practice and The Health and Safety at Work act 1974.

If you require any further information or assistance regarding the contents of this report, please do not hesitate to contact the author of this survey report.

7.7 Notifiability of Materials:



8.0 MATERIAL RISK ASSESSMENT

- 8.1 HSG 264 - Asbestos Management Survey includes material assessment algorithm. This assessment takes into account the type of asbestos product, the extent of any damage/ deterioration, any surface treatment and the (presumed) types of asbestos present.

Material risks assessments are required within an Asbestos Refurbishment and Demolition Survey Report when schedule works are longer than 2 month future schedule.

This assessment is applied to all incidences of identification and strongly presumed asbestos within Management Survey.

The material risk assessment identifies the high risk materials, i.e. those which will most readily release airborne fibres if disturbed. It does not automatically follow that those materials with the highest score will be those that should be given priority for remedial action.

The criteria for determining management priorities for remedial action are given in full in section 11.0 Priority Assessment and Algorithm of this report.

The asbestos register attached contains all the information for each asbestos containing material located during the survey. All items are recorded on site plans providing details of exact locations. Where the ACM's have been sampled, a unique reference number is recorded in the "sample reference" column and the sample report is attached in section 13 of the report. If the material has not been sampled, no sample reference number is recorded. The asbestos content is then either assumed by comparison with similar materials sampled during the building survey, or classified as crocidolite (blue asbestos) as the highest risk category.

All asbestos items are allocated a material assessment score which is indicated by a category of Very Low, Low, Medium or High potential for fibre release. This is based on the HSG 264 – Asbestos – The Survey Guide. The four main parameters which determine the material assessment are product type, extent of damage or deterioration, surface treatment and asbestos type. If a material is inaccessible and its condition cannot be assessed on site, it will be recorded as the highest risk category for that parameter until it can be inspected and proven otherwise. Please refer to section 8.2, 8.3 and 8.5 for further information regarding the material assessment algorithm.

8.2 Material Risk Assessment Definitions

Item Number:	A unique identification material number referenced throughout this survey. RED = Positive Material BLUE = Negative Material GREEN=Non Accessed Area
Material Sample Reference:	As quoted on the bulk sample certificate issued by an independent laboratory.
Floor:	Floor level of the item number as per floor plans.
Room Number / Use:	A unique reference number for each building/ room taken from the floor plan.
Photograph:	Item photographed and included within report.
Position / Description:	This indicates the position and description of an ACM.
Quantity:	The amount of material present. In Metres Squared (m ²) or Linear Metres (lm)
Level of Identification:	This indicates if a material has been positively identified as an ACM, whether there is a strong presumption of ACM or it is only presumed to be an ACM.
Product Type:	The classification of the ACM. See section 10
Condition:	The condition of the material at the time of survey. (See section 10)
Surface Treatment:	An indication whether the material has suitable surface treatment. (See section 10)
Asbestos Type:	If a sample is taken and a sample reference number is present, this column will state the test. Result. If a material has not been sampled, the asbestos content is presumed by comparison with similar materials sampled within the building survey, or if unknown is classified as crocidolite (blue asbestos) as the highest risk asbestos type. See section 10.
Material Risk Factor and Level:	The amount of fibre release from an ACM when subjected to standard disturbance is calculated based upon the product type, extent of damage/ deterioration, surface treatment and asbestos type. Based on these factors, which are assessed on site, all ACM's are allocated a material assessment category as either 'Very Low', 'Low', 'Medium' or 'High potential' to release fibres, if disturbed. See section 10 material risk factor score.
Accessibility:	The accessibility of the material in its present location in relation to possible damage or disturbance during normal use. This is indicated as Low, Medium or High.
Material Classification:	L = Licensable NL = Non-Licensable NNL = Notifiable Non-Licensable

8.3 Recommended Actions

Recommended Action:	The recommended action required for the material based on its material risk factor and accessibility.
Action A:	Asbestos containing materials in poor condition, not adequately surface treated and/or vulnerable to damage. This material requires urgent removal under full controlled conditions. The room / area may need to be cordoned off to prevent access to all personnel until remedial action has been undertaken.
Action B:	Asbestos containing materials showing some signs of deterioration / damage but structurally sound. This material requires encapsulation with a suitable surface sealant and labelling, together with any associated dust/ debris removed (see Action D).
Action C:	Asbestos containing material showing some signs of deterioration / damage and / or vulnerable to damage. This material requires removal in the near future although it is not posing a significant hazard to persons using the building if it remains undisturbed.
Action D:	Asbestos containing material in good/ reasonable condition, adequately surface treated and requiring no attention unless likely to be disturbed as part of the works or condition deteriorates. This material must be clearly labelled with an approved label and inspected at regular intervals to check for condition deterioration. All Relevant persons must be made aware of the location of the material to ensure it is not damaged or disturbed during maintenance or refurbishment works. If this is likely to occur then some precautions may be necessary. Contact AMS 2000 for further information.
Action E:	Inaccessible Item or area; It is presumed that asbestos containing materials are likely to be present. All relevant persons must be made aware of the location of the material to ensure it is not damaged or disturbed during maintenance or refurbishments work. If this is likely to occur then some precautions may be necessary such as further sampling and analysis. Contact AMS 2000 for further information.

8.4 Material Risk Assessment Algorithm

Sample Variable	Value	Description
Product Type	1	Low fibre release- Asbestos reinforced composites (plastics, resins, mastics, roofing felts, vinyl floor tiles, semi-ridge paints, cements or decorative coatings.
	2	Medium Fibre Release – Asbestos insulation board (AIB), mill boards, other low density insulation boards, asbestos textiles, gaskets, ropes, and woven textiles, asbestos paper and felt.
	3	High fibre release – Thermal insulation (e.g. pipe and boiler lagging) sprayed asbestos, loose asbestos, asbestos mattresses and packing.
Condition	0	Good condition – no visible damage
	1	Low damage: a few scratches or surface marks; broken edges on boards, tiles etc.
	2	Medium damage: Significant breakage of materials or several small areas where material has been damaged revealing loose asbestos fibres.
	3	High damage: Delaminating of materials, sprays and thermal insulation. Visible asbestos debris.
Surface Treatment	0	Completely sealed – Composite materials containing asbestos: reinforced plastics, resins, vinyl tiles.
	1	Surfaced sealed – Enclosed sprays and lagging, AIB (with exposed face painted or encapsulated) asbestos cement sheets etc
	2	Unsealed AIB, or encapsulated lagging and sprays.
	3	Unsealed lagging and sprays.
Asbestos Type	1	Chrysotile (White asbestos)
	2	Amosite (Brown asbestos)
	3	Crocidolite (Blue asbestos) or unknown
Material Risk factor: Score of:	The four parameters detailed above are assessed for each material and assigned a score of between 0 and 3. The values are then added together to give a total score of between 2 and 12. Depending on the total score the materials are then given a material risk factor as shown below.	
	10 Or More	High potential to release fibres.
	Between 7-9	Medium potential to release fibres.
	Between 5-6	Low potential to release fibres.
	4 or Less	Very low potential to release fibres.

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
1	AJ001645	Carn Thomas School. Ground Floor. Room 1 (Large Science Lab 1).	Black sit on skirting. No Asbestos Detected. No further action required. Recommended Action -	75lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
2	AJ001646	Carn Thomas School. Ground Floor. Room 1 (Large Science Lab 1).	Dust/ debris sample within floor ducts. No Asbestos Detected. No further action required. Recommended Action -	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
3	AJ001647	Carn Thomas School. Roof Void. Room 1 (Large Lab Roofspace).	Bitumen roofing felt to main roof areas. No Asbestos Detected. No further action required. Recommended Action -	450m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
4	AS PER SAMPLE AJ001645	Carn Thomas School. Ground Floor. Room 2 (Lab Store 1).	Black sit on skirting (as sample AJ001645). No Asbestos Detected. No further action required. Recommended Action -	6lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
5	AS PER SAMPLE AJ001645	Carn Thomas School. Ground Floor. Room 3 (Lab Store 2).	Black sit on skirting (as sample AJ001645). No Asbestos Detected. No further action required. Recommended Action -	5lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
6	AJ001648	Carn Thomas School. Roof Void. Room 1 (Large Lab Roofspace).	Textile flashguards within electrical switchgear. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	1no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
2	0	(1) Surface Sealed	1	4	Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
7	AJ001649	Carn Thomas School. Ground Floor. Room 4 (Lab Prep Area).	Insulating board access panels to boxing. No Asbestos Detected. No further action required. Recommended Action -	1m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
8	AJ001650	Carn Thomas School. Ground Floor. Room 4 (Lab Prep Area).	Armstrong type suspended ceiling tiles. No Asbestos Detected. No further action required. Recommended Action -	16m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
9	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 2 (Large Science Lab 2).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	100m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
10	AJ001651	Carn Thomas School. Ground Floor. Room 2 (Large Science Lab 2).	Beige vinyl floor tiles and adhesive. No Asbestos Detected. No further action required. Recommended Action -	<1m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
11	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 3 (Large Lab 2 Store 1).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	4m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
12	AJ001652	Carn Thomas School. Ground Floor. Room 3 (Large Lab 2 Store 1).	Grey and beige vinyl floor tiles and adhesive . Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action C	4m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	1	(0) Completely Sealed	1	3	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
13	AS PER SAMPLE AJ001649	Carn Thomas School. Ground Floor. Room 4 (Large Lab 2 Store 2).	Insulating board access panels to boxing (as sample AJ001649). No Asbestos Detected. No further action required. Recommended Action -	<1m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
14	AS PER SAMPLE AJ001645	Carn Thomas School. Ground Floor. Room 4 (Large Lab 2 Store 2).	Black sit on skirting (as sample AJ001645). No Asbestos Detected. No further action required. Recommended Action -	4lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
15	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 5 (Lab 2 Prep Room).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	8m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
16	AJ001653	Carn Thomas School. Ground Floor. Room 5 (Lab 2 Prep Room).	Beige vinyl flooring. No Asbestos Detected. No further action required. Recommended Action -	8m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
17	AS PER SAMPLE AJ001648	Carn Thomas School. Ground Floor. Room 6 (Store).	Textile flashguards to electrical switchgear (as sample AJ001648). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	2no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
2	0	(1) Surface Sealed	1	4	Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
18	AS PER SAMPLE AJ001652	Carn Thomas School. Ground Floor. Room 6 (Store).	Grey and beige vinyl floor tiles and adhesive (as sample AJ001652). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	3m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(0) Completely Sealed	1	2	Very Low	Low	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
19	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 7 (IT Room).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	120m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
20	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 8 (Dark Room).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	4m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
21	AJ001654	Carn Thomas School. Ground Floor. Room 8 (Dark Room).	Sound pad to sink unit. No Asbestos Detected. No further action required. Recommended Action -	1no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
22	AJ001655	Carn Thomas School. Ground Floor. Room 8 (Dark Room).	Paper backing to lino flooring. No Asbestos Detected. No further action required. Recommended Action -	6m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
23	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 9 (Disabled WC).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	6m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
24	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 10 (Boys WC).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	3m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
25	AS PER SAMPLE AJ001650	Carn Thomas School. Ground Floor. Room 11 (Corridor).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
26	AJ001656	Carn Thomas School. Ground Floor. Room 12 (Stairway).	Brown vinyl floor tiles and adhesive to stairs. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	10m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(0) Completely Sealed	1	2	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
27	AJ001657	Carn Thomas School. Ground Floor. Room 12 (Stairway).	Black bull nosing to stairs. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action <input type="text" value="D"/>	15lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(0) Completely Sealed	1	2	Very Low	Medium	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
28	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 1 (Corridor).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action <input type="text" value="-"/>	16m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
29	AS PER SAMPLE AJ001652	Carn Thomas School. 1st Floor. Room 1 (Corridor).	Grey and beige vinyl floor tiles and adhesive (as sample AJ001652). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action C	18m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	1	(0) Completely Sealed	1	3	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
30	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 2 (Room 215).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	6m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action				Area or Quantity	Photographs
31	AJ001658	Carn Thomas School. 1st Floor. Room 3 (Room 210).	Bitumen membrane within perimeter wall cavity - throughout building. No Asbestos Detected. No further action required. Recommended Action -				1500m ²	
Material Risk Assessment								
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification	
-	-	-	-	-	-	-	-	

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action				Area or Quantity	Photographs
32	AS PER SAMPLE AJ001647	Carn Thomas School. Roof Void. Room 5 (Main Roofspace).	Bitumen roofing felt to main roof areas (as sample AJ001647). No Asbestos Detected. No further action required. Recommended Action -				1500m ²	
Material Risk Assessment								
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification	
-	-	-	-	-	-	-	-	

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
33	AJ001659	Carn Thomas School. 1st Floor. Room 4 (Room 211).	Paper to fibreboard wall linings. No Asbestos Detected. No further action required. Recommended Action -	30m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
34	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 4 (Room 211).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
35	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 5 (Office).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	5m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
36	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 6 (IT Store).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	25m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
37	AS PER SAMPLE AJ001650	Carn Thomas School. 1st Floor. Room 7 (Store).	Armstrong type suspended ceiling tiles (as sample AJ001650). No Asbestos Detected. No further action required. Recommended Action -	5m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
38	AS PER SAMPLE AJ001648	Carn Thomas School. 1st Floor. Room 7 (Store).	Textile flashguards to electrical switchgear (as sample AJ001648). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	2no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
2	0	(1) Surface Sealed	1	4	Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
39	AS PER SAMPLE AJ001652	Carn Thomas School. 1st Floor. Room 7 (Store).	Grey and beige vinyl floor tiles and adhesive (as sample AJ001652). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action C	5m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	1	(0) Completely Sealed	1	3	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
40	AJ001660	Carn Thomas School. 1st Floor. Room 8 (Large Workshop).	Armstrong type suspended ceiling tile (small). No Asbestos Detected. No further action required. Recommended Action -	100m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
41	AJ001661	Carn Thomas School. 1st Floor. Room 8 (Large Workshop).	Textile flashguards to electrical switchgear and associated debris. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action C	4no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
2	1	(1) Surface Sealed	1	5	Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
42	AJ001662	Carn Thomas School. 1st Floor. Room 8 (Large Workshop).	Cement piping for underfloor cable runs. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	10m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(1) Surface Sealed	1	3	Very Low	Low	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
43	AJ001663	Carn Thomas School. 1st Floor. Room 9 (DT Back Room 1).	Paper to fibreboard ceiling lining. No Asbestos Detected. No further action required. Recommended Action -	18m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
44	AS PER SAMPLE AJ001663	Carn Thomas School. 1st Floor. Room 10 (DT Back Room 2).	Paper to fibreboard ceiling lining (as sample AJ001663). No Asbestos Detected. No further action required. Recommended Action -	16m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
45	AJ001664	Carn Thomas School. 1st Floor. Room 11 (Art Room).	Sound pad to sink unit. No Asbestos Detected. No further action required. Recommended Action -	1no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
46	AS PER SAMPLE AJ001645	Carn Thomas School. 1st Floor. Room 12 (Link Corridor).	Black sit on skirting (as sample AJ001645). No Asbestos Detected. No further action required. Recommended Action -	30lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
47	AS PER SAMPLE AJ001653	Carn Thomas School. 1st Floor. Room 12 (Link Corridor).	Beige vinyl flooring (as sample AJ001653). No Asbestos Detected. No further action required. Recommended Action -	40m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
48	AJ001665	Carn Thomas School. 2nd Floor. Room 1 (Store).	Black sit on skirting and bull nosing. No Asbestos Detected. No further action required. Recommended Action -	6lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
49	AJ001666	Carn Thomas School. 2nd Floor. Room 1 (Store).	Bitumen paper membrane within perimeter cavity walls. No Asbestos Detected. No further action required. Recommended Action -	18m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
50	AJ001667	Carn Thomas School. 2nd Floor. Room 2 (Canteen).	Sound pads to sink units. No Asbestos Detected. No further action required. Recommended Action -	2no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
51	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 2 (Canteen).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required. Recommended Action -	20lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
52	AJ001668	Carn Thomas School. 2nd Floor. Room 3 (Stairway).	Black bull nosing. No Asbestos Detected. No further action required. Recommended Action -	15lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
53	AJ001669	Carn Thomas School. 2nd Floor. Room 3 (Stairway).	Beige and grey vinyl floor tiles and adhesive. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action <input type="text" value="D"/>	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(0) Completely Sealed	1	2	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
54	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 4 (Dry Room).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required. Recommended Action <input type="text" value="-"/>	20lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
55	No Sample Taken	Carn Thomas School. 2nd Floor. Room 5 (Toilets).	Accessed - no suspect materials found to areas of works. No further action required. Recommended Action -	N/A			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
56	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 6 (Toilet Lobby).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required. Recommended Action -	4lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
57	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 7 (Changing Room).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required. Recommended Action -	20lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
58	AJ001670	Carn Thomas School. 2nd Floor. Room 7 (Changing Room).	Dust/ debris sample within floor void. No Asbestos Detected. No further action required. Recommended Action -	2m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
59	AS PER SAMPLE AJ001669	Carn Thomas School. 2nd Floor. Room 8 (Corridor).	Beige and brown vinyl floor tiles and adhesive (as sample AJ001669). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(0) Completely Sealed	1	2	Very Low	Medium	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
60	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 9 (Changing Room and Toilets).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required. Recommended Action -	30lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
61	AS PER SAMPLE AJ001666	Carn Thomas School. 2nd Floor. Room 9 (Changing Room and Toilets).	Bitumen paper membrane within perimeter wall cavities - throughout building (as sample AJ001666). No Asbestos Detected. No further action required. Recommended Action -	200m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
62	AS PER SAMPLE AJ001667	Carn Thomas School. 2nd Floor. Room 10 (Kitchen).	Sound pad to sink unit (as sample AJ001667). No Asbestos Detected. No further action required. Recommended Action -	1no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
63	AS PER SAMPLE AJ001665	Carn Thomas School. 2nd Floor. Room 11 (Art Room).	Black sit on skirting (as sample AJ001665). No Asbestos Detected. No further action required.	40lm			
Recommended Action -							
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
64	AJ001671	Carn Thomas School. 2nd Floor. Room 12 (Store).	Green vinyl floor tile remains and adhesive. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012.	<1m ²			
Recommended Action D							
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor	Risk Level	Accessibility	Material Classification
1	0	(0) Completely Sealed	1	2	Very Low	Low	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
65	AS PER SAMPLE AJ001661	Carn Thomas School. 2nd Floor. Room 12 (Store).	Textile flashguards to electrical switchgear (as sample AJ001661). Strongly presumed to contain Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action C	2no.			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
2	1	(1) Surface Sealed	1	5	Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
66	AJ001672	Carn Thomas School. External. Room 1 (West Building).	Putty to timber frame windows. No Asbestos Detected. No further action required. Recommended Action -	20m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
67	AJ001673	Carn Thomas School. External. Room 1 (West Building).	Bitumen roofing felt to main flat roof areas. No Asbestos Detected. No further action required. Recommended Action -	200m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
68	AJ001674	Carn Thomas School. External. Room 2 (East Building).	Cement undercloak fillets to gable ends. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	60m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(1) Surface Sealed	1	3	Very Low	Low	NNL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
69	AJ001675	Carn Thomas School. External. Room 2 (East Building).	Bitumen roofing felt to flat roof areas. No Asbestos Detected. No further action required. Recommended Action -	350m ²			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

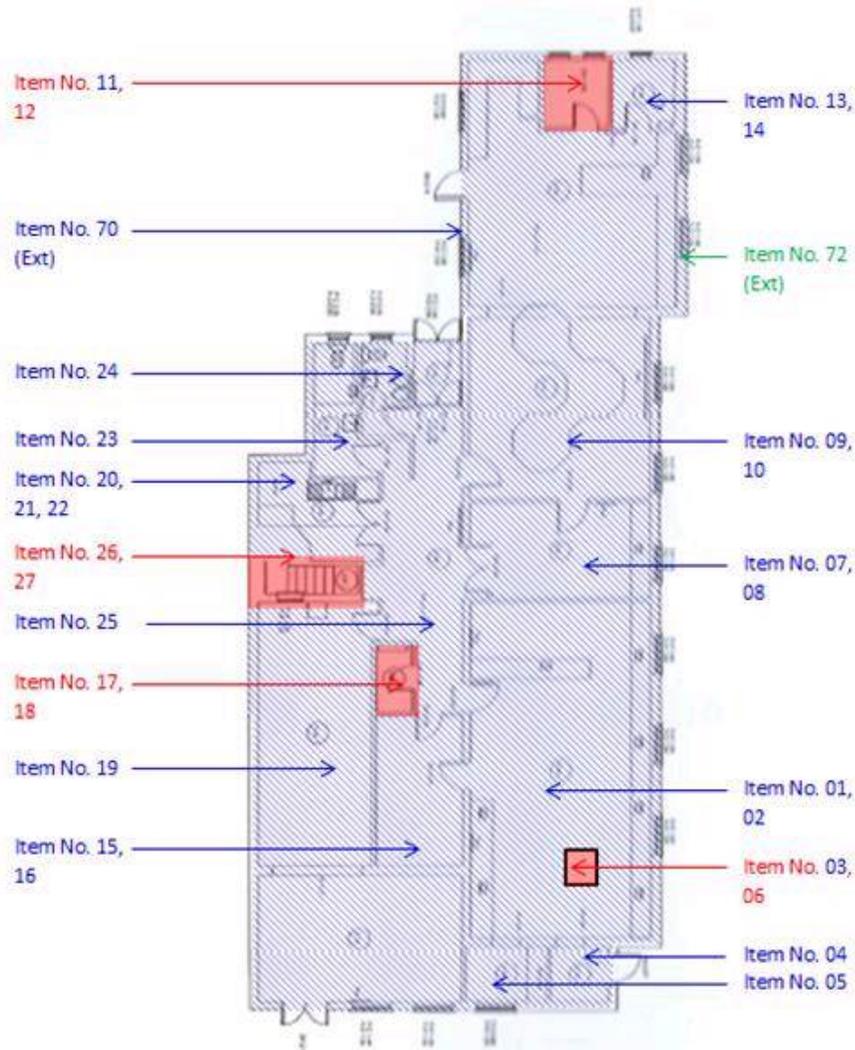
Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
70	AJ001676	Carn Thomas School. External. Room 2 (East Building).	Rubber finished pipe insulation to perimeter of building. No Asbestos Detected. No further action required. Recommended Action -	100lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
71	AJ001677	Carn Thomas School. External. Room 2 (East Building).	Cement rainwater downpipes and flues to various areas. Contains Chrysotile asbestos materials. Materials can be removed by a non-licensed contractor in accordance with the Control of Asbestos Regulations 2012. Recommended Action D	10lm			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
1	0	(1) Surface Sealed	1	3	Very Low	Low	NL

Item No.	Site Sample Reference	Location	Description of Material and Recommended Action	Area or Quantity	Photographs		
72	No Sample Taken	Carn Thomas School. External. Room 2 (East Building).	Limited access to some areas to rear of property due to overgrown vegetation. Inaccessible - Presumed to contain asbestos materials. Further Inspection Required Recommended Action E	N/A			
Material Risk Assessment							
Product Type	Condition	Surface Treatment	Asbestos Type	Risk Factor		Risk Level	Accessibility
-	-	-	-	-	-	-	-

10.0 ASBESTOS LOCATION FLOOR PLAN

10.1 Ground Floor



Areas containing positive ACMS



No ACMS identified within area



Inaccessible Areas



Items containing asbestos



Items identified as non-asbestos



Inaccessible items/areas



ASBESTOS LOCATION DRAWING

Site Address:
Eastern Science Block
Carn Thomas
St. Mary's
Isles of Scilly
TR21

Survey Ref:
J016402

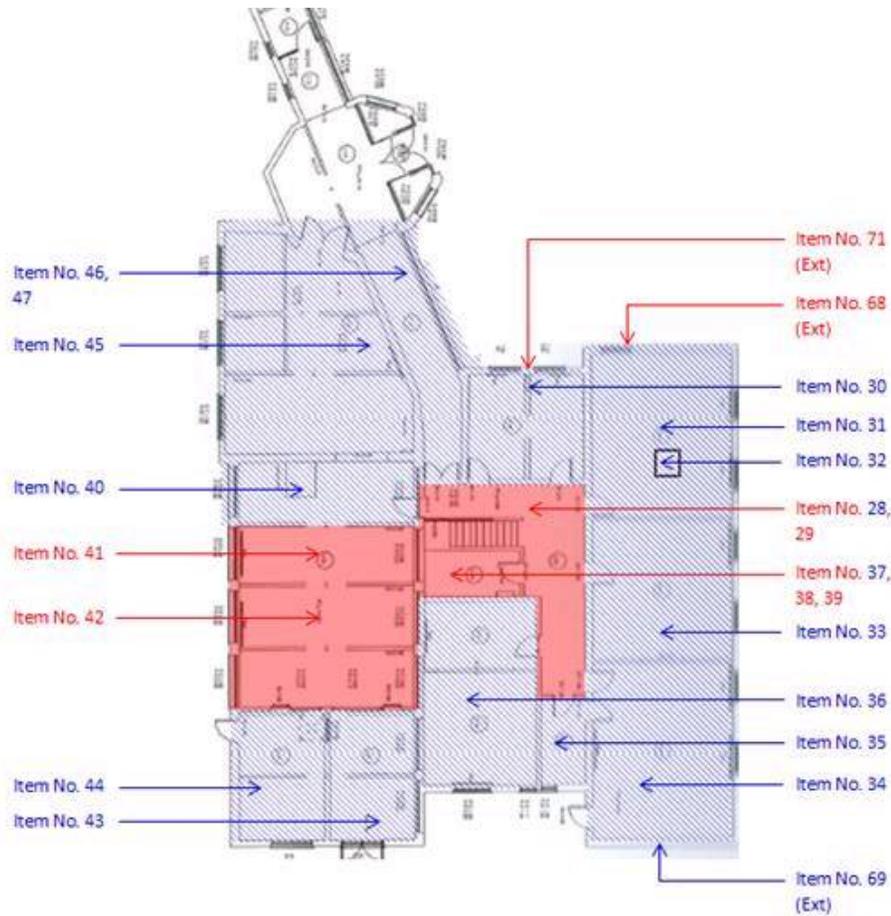
Original Drawing Source:
Hand drawn by surveyor

Asbestos Management Specialist 2000 Ltd.
AMS House, 1 Barbican Close,
Barnstaple, EX31 9HE

T: 01271 328663 F: 01271 375436
Web: www.ams-2000.co.uk
Email: asbestos@ams-2000.co.uk

10.0 ASBESTOS LOCATION FLOOR PLAN

10.2 1st Floor



Areas containing positive ACMS

No ACMS identified within area

Inaccessible Areas

Items containing asbestos

Items identified as non-asbestos

Inaccessible items/areas

ASBESTOS LOCATION DRAWING

Site Address:
Eastern Science Block
Carn Thomas
St. Mary's
Isles of Scilly
TR21

Survey Ref:
J016402

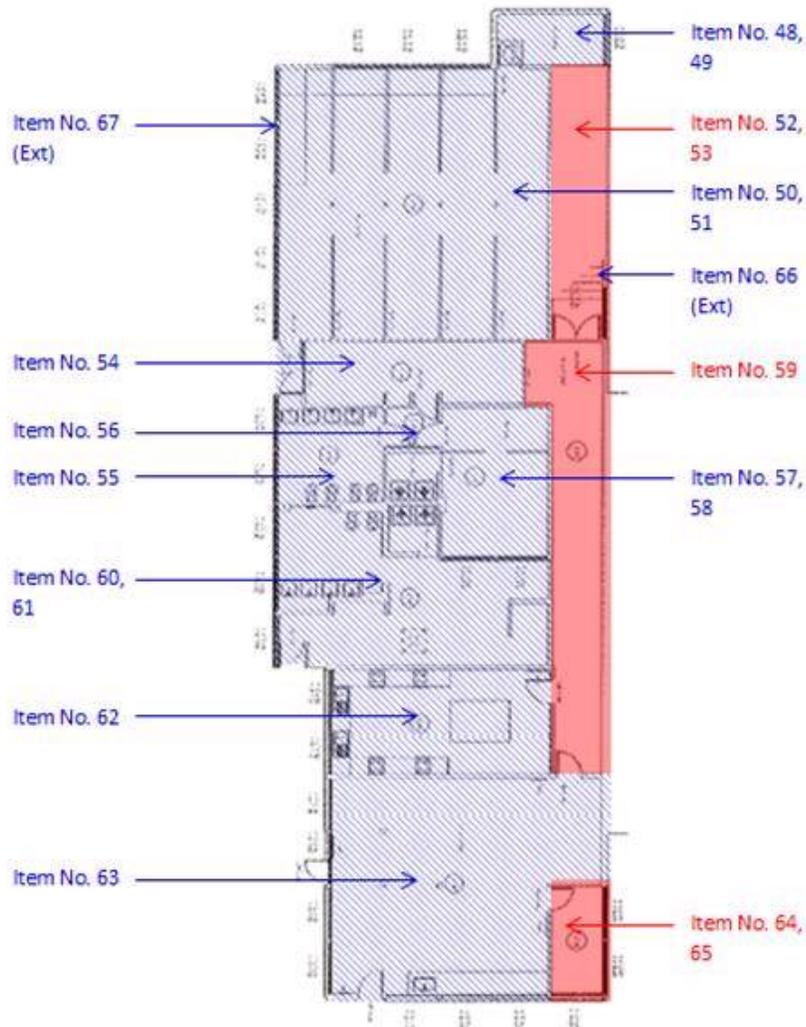
Original Drawing Source:
Hand drawn by surveyor

Asbestos Management Specialist 2000 Ltd.
AMS House, 1 Barbican Close,
Barnstaple, EX31 9HE

T: 01271 328663 F: 01271 375436
Web: www.ams-2000.co.uk
Email: asbestos@ams-2000.co.uk

10.0 ASBESTOS LOCATION FLOOR PLAN

10.3 2nd Floor



Areas containing positive ACMS

No ACMS identified within area

Inaccessible Areas

Items containing asbestos

Items identified as non-asbestos

Inaccessible items/areas

ASBESTOS LOCATION DRAWING

Site Address:
Eastern Science Block
Carn Thomas
St. Mary's
Isles of Scilly
TR21

Survey Ref:
J016402

Original Drawing Source:
Hand drawn by surveyor

Asbestos Management Specialist 2000 Ltd.
AMS House, 1 Barbican Close,
Barnstaple, EX31 9HE

T: 01271 328663 F: 01271 375436
Web: www.ams-2000.co.uk
Email: asbestos@ams-2000.co.uk

Unit C7
New Yatt Business Centre
New Yatt
Nr Witney
Oxfordshire, OX29 6TJ

Tel: 01993 868636
Fax: 01993 869080
www.asbestoslabs.co.uk



4668

CERTIFICATE OF ANALYSIS FOR ASBESTOS FIBRES

Report Number: ALS/J006329

Client	AMS 2000 Ltd	Attention	Matt Featherstone
Client Address	1 Barbican Close, Barnstaple, Devon, EX32 9HE		
Site Address	Carl Thomas School, Scilly Isles		
Site Ref	Unknown	No. of Samples	20

Date Received	26/06/2015	Date of Analysis	29/06/2015	Report Issue Date	29/06/2015
----------------------	------------	-------------------------	------------	--------------------------	------------

Samples of material(s) [detailed below] have been examined to determine the presence of asbestos fibres, using Polarised Light Microscopy together with dispersion staining based on the HSE's guidance document HSG248 and Asbestos Laboratory Services documented method. If samples have been delivered to the laboratory, the site address and sample location is reported as provided by the client. Asbestos Laboratory Services are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Asbestos Laboratory Services cannot be held responsible for the interpretation of the results shown. Opinions and interpretations are outside the scope of the UKAS accreditation. All entries under 'Fibre Type Detected' that contain (*) indicate that the sample was found to be deviating from policies defined in document TPS63 (UKAS Policy on Deviating Samples). As a result, the test result(s) may be invalid.

The Determination of Asbestos Content Report shall not be reproduced except in full, without written approval of the laboratory'.
(V2), or subsequent "V" numbers, after the report number signifies that the original certificate (or previous amended certificate) has been replaced.

Lab Ref.	Client Sample Number	Sample Location	Sample Description	Fibre Type Detected
BS028667	AJ001645	Large Science Lab	Black Sit On Skirting	N.A.D.I.S
BS028668	AJ001646	Large Science Lab	Dust & Debris Within Duct	N.A.D.I.S
BS028669	AJ001647	Large Science Lab Roof Space	Bitumen Roof Felt	N.A.D.I.S
BS028670	AJ001648	Large Science Lab	Textile Flashguard	Chrysotile
BS028671	AJ001649	Lab Prep Room	Insulating Board Access Panel	N.A.D.I.S
BS028672	AJ001650	Lab Prep Room	Ceiling Tiles	N.A.D.I.S
BS028673	AJ001651	Lab 2	Linoleum Floor Tiles	N.A.D.I.S
BS028674	AJ001652	Lab 2 Store	Vinyl Floor Tiles	Chrysotile

KEY
NADIS - No Asbestos Detected in Sample
Note: All samples will be retained for a minimum of six months.

Analysed By	Olivia Pearce
Analyst Signatory	

Approved By	Wai-fung Kuet
Approver Signatory	

ALS14A
Issued by: Quality Manager

Page 1 of 3

Issue Date: 21/11/2014
Issue No. 3

Unit C7
 New Yatt Business Centre
 New Yatt
 Nr Wilney
 Oxfordshire, OX29 6TJ

Tel: 01993 866636
 Fax: 01993 869080
 www.asbestoslabs.co.uk



4668

CERTIFICATE OF ANALYSIS FOR ASBESTOS FIBRES

Report Number: ALS/J006329

Client	AMS 2000 Ltd	Attention	Matt Featherstone
Client Address	1 Barbican Close, Barnstaple, Devon, EX32 9HE		
Site Address	Carl Thomas School, Scilly Isles		
Site Ref	Unknown	No. of Samples	20

Date Received	26/06/2015	Date of Analysis	29/06/2015	Report Issue Date	29/06/2015
----------------------	------------	-------------------------	------------	--------------------------	------------

Samples of material(s) [detailed below] have been examined to determine the presence of asbestos fibres, using Polarised Light Microscopy together with dispersion staining based on the HSE's guidance document HSG248 and Asbestos Laboratory Services documented method. If samples have been delivered to the laboratory, the site address and sample location is reported as provided by the client. Asbestos Laboratory Services are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Asbestos Laboratory Services cannot be held responsible for the interpretation of the results shown. Opinions and interpretations are outside the scope of the UKAS accreditation. All entries under 'Fibre Type Detected' that contain (*) indicate that the sample was found to be deviating from policies defined in document TPS63 (UKAS Policy on Deviating Samples). As a result, the test result(s) may be invalid.

The Determination of Asbestos Content Report shall not be reproduced except in full, without written approval of the laboratory'.
 (V2), or subsequent "V" numbers, after the report number signifies that the original certificate (or previous amended certificate) has been replaced.

Lab Ref.	Client Sample Number	Sample Location	Sample Description	Fibre Type Detected
BS028675	AJ001653	Lab 2 Prep Room	Vinyl Flooring	N.A.D.I.S
BS028676	AJ001654	Dark Room	Sound Pad to Sink	N.A.D.I.S
BS028677	AJ001655	Dark Room	Linoleum Flooring	N.A.D.I.S
BS028678	AJ001656	Stairway	Vinyl Floor Tiles	Chrysotile
BS028679	AJ001657	Stairway	Black Bull Nosing to Steps	Chrysotile
BS028680	AJ001658	Room 10	Bitumen Membrane	N.A.D.I.S
BS028681	AJ001659	Room 11	Fibreboard Linings	N.A.D.I.S
BS028682	AJ001660	Large Workshop	Ceiling Tiles	N.A.D.I.S

KEY
 NADIS - No Asbestos Detected in Sample
 Note: All samples will be retained for a minimum of six months.

Analysed By	Olivia Pearce
Analyst Signatory	

Approved By	Wai-fung Kuet
Approver Signatory	

ALS14A
 Issued by: Quality Manager

Page 2 of 3

Issue Date: 21/11/2014
 Issue No. 3

Unit C7
 New Yatt Business Centre
 New Yatt
 Nr Wilney
 Oxfordshire, OX29 6TJ

Tel: 01993 868636
 Fax: 01993 869080
 www.asbestoslabs.co.uk



CERTIFICATE OF ANALYSIS FOR ASBESTOS FIBRES

Report Number: ALS/J006329

Client	AMS 2000 Ltd	Attention	Matt Featherstone
Client Address	1 Barbican Close, Barnstaple, Devon, EX32 9HE		
Site Address	Carl Thomas School, Scilly Isles		
Site Ref	Unknown	No. of Samples	20

Date Received	26/06/2015	Date of Analysis	29/06/2015	Report Issue Date	29/06/2015
----------------------	------------	-------------------------	------------	--------------------------	------------

Samples of material(s) [detailed below] have been examined to determine the presence of asbestos fibres, using Polarised Light Microscopy together with dispersion staining based on the HSE's guidance document HSG248 and Asbestos Laboratory Services documented method. If samples have been delivered to the laboratory, the site address and sample location is reported as provided by the client. Asbestos Laboratory Services are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Asbestos Laboratory Services cannot be held responsible for the interpretation of the results shown. Opinions and interpretations are outside the scope of the UKAS accreditation. All entries under 'Fibre Type Detected' that contain (*) indicate that the sample was found to be deviating from policies defined in document TPS63 (UKAS Policy on Deviating Samples). As a result, the test result(s) may be invalid.

The Determination of Asbestos Content Report shall not be reproduced except in full, without written approval of the laboratory'.
 (V2), or subsequent "V" numbers, after the report number signifies that the original certificate (or previous amended certificate) has been replaced.

Lab Ref.	Client Sample Number	Sample Location	Sample Description	Fibre Type Detected
BS028683	AJ001661	Large Workshop	Textile Flashguard	Chrysotile
BS028684	AJ001662	Large Workshop	Cement Pipe	Chrysotile
BS028685	AJ001663	DT Vac Room 1	Fibreboard Ceiling	N.A.D.I.S
BS028686	AJ001664	Art Room	Sound Pad to Sink	N.A.D.I.S

KEY
 NADIS - No Asbestos Detected in Sample
 Note: All samples will be retained for a minimum of six months.

Analysed By	Olivia Pearce
Analyst Signatory	

Approved By	Wai-fung Kuet
Approver Signatory	

ALS14A
 Issued by: Quality Manager

Page 3 of 3

Issue Date: 21/11/2014
 Issue No. 3

Unit C7
 New Yatt Business Centre
 New Yatt
 Nr Witney
 Oxfordshire, OX29 6TJ

Tel: 01993 868636
 Fax: 01993 869080
 www.asbestoslabs.co.uk



CERTIFICATE OF ANALYSIS FOR ASBESTOS FIBRES

Report Number: ALS/J006328

Client	AMS 2000 Ltd	Attention	Matt Featherstone
Client Address	1 Barbican Close, Barnstaple, Devon, EX32 9HE		
Site Address	Carl Thomas School, Scilly Isles		
Site Ref	Unknown	No. of Samples	13

Date Received	26/06/2015	Date of Analysis	26/06/2015	Report Issue Date	26/06/2015
----------------------	------------	-------------------------	------------	--------------------------	------------

Samples of material(s) [detailed below] have been examined to determine the presence of asbestos fibres, using Polarised Light Microscopy together with dispersion staining based on the HSE's guidance document HSG248 and Asbestos Laboratory Services documented method. If samples have been delivered to the laboratory, the site address and sample location is reported as provided by the client. Asbestos Laboratory Services are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Asbestos Laboratory Services cannot be held responsible for the interpretation of the results shown. Opinions and interpretations are outside the scope of the UKAS accreditation. All entries under 'Fibre Type Detected' that contain (*) indicate that the sample was found to be deviating from policies defined in document TPS63 (UKAS Policy on Deviating Samples). As a result, the test result(s) may be invalid.

The Determination of Asbestos Content Report shall not be reproduced except in full, without written approval of the laboratory'.

(V2), or subsequent "V" numbers, after the report number signifies that the original certificate (or previous amended certificate) has been replaced.

Lab Ref.	Client Sample Number	Sample Location	Sample Description	Fibre Type Detected
BS028654	AJ001665	Store	Black Sit On Skirting	N.A.D.I.S
BS028655	AJ001666	Store	Bitumen Paper in Perimeter Walls	N.A.D.I.S
BS028656	AJ001667	Canteen	Sound Pad to Sink Unit	N.A.D.I.S
BS028657	AJ001668	Stairway	Bull Nosing to Steps	N.A.D.I.S
BS028658	AJ001669	Stairway	Vinyl Floor Tiles	Chrysotile
BS028659	AJ001670	Changing Room	Dust & Debris Within Floor Void	N.A.D.I.S
BS028660	AJ001671	Store	Vinyl Floor Tiles	Chrysotile
BS028661	AJ001672	External	Putty to Windows	N.A.D.I.S
BS028662	AJ001673	External	Felt to Flat Roof	N.A.D.I.S

KEY
 NADIS - No Asbestos Detected in Sample
 Note: All samples will be retained for a minimum of six months.

Analysed By	Roy Pearce
Analyst Signatory	

Approved By	Wai-fung Kuet
Approver Signatory	

ALS14A
 Issued by: Quality Manager

Page 1 of 2

Issue Date: 21/11/2014
 Issue No. 3

Unit C7
 New Yatt Business Centre
 New Yatt
 Nr Witney
 Oxfordshire, OX29 6TJ

Tel: 01993 868636
 Fax: 01993 869080
 www.asbestoslabs.co.uk



CERTIFICATE OF ANALYSIS FOR ASBESTOS FIBRES

Report Number: ALS/J006328

Client	AMS 2000 Ltd	Attention	Matt Featherstone
Client Address	1 Barbican Close, Barnstaple, Devon, EX32 9HE		
Site Address	Carl Thomas School, Scilly Isles		
Site Ref	Unknown	No. of Samples	13

Date Received	26/06/2015	Date of Analysis	26/06/2015	Report Issue Date	26/06/2015
----------------------	------------	-------------------------	------------	--------------------------	------------

Samples of material(s) [detailed below] have been examined to determine the presence of asbestos fibres, using Polarised Light Microscopy together with dispersion staining based on the HSE's guidance document HSG248 and Asbestos Laboratory Services documented method. If samples have been delivered to the laboratory, the site address and sample location is reported as provided by the client. Asbestos Laboratory Services are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Asbestos Laboratory Services cannot be held responsible for the interpretation of the results shown. Opinions and interpretations are outside the scope of the UKAS accreditation. All entries under 'Fibre Type Detected' that contain (*) indicate that the sample was found to be deviating from policies defined in document TPS63 (UKAS Policy on Deviating Samples). As a result, the test result(s) may be invalid.

The Determination of Asbestos Content Report shall not be reproduced except in full, without written approval of the laboratory.
 (V2), or subsequent "V" numbers, after the report number signifies that the original certificate (or previous amended certificate) has been replaced.

Lab Ref.	Client Sample Number	Sample Location	Sample Description	Fibre Type Detected
BS028663	AJ001674	External	Undercloaking	Chrysotile
BS028664	AJ001675	External	Felt to Roof	N.A.D.I.S
BS028665	AJ001676	External	Insulation to Pipework	N.A.D.I.S
BS028666	AJ001677	External	Cement Pipework	Chrysotile

KEY
 NADIS - No Asbestos Detected in Sample
 Note: All samples will be retained for a minimum of six months.

Analysed By	Roy Pearce
Analyst Signatory	

Approved By	Wai-fung Kuet
Approver Signatory	

ALS14A
 Issued by: Quality Manager

Page 2 of 2

Issue Date: 21/11/2014
 Issue No. 3

12.0 RECOMMENDATIONS

- 12.1 It is recommended that on receipt of the asbestos register, all materials be identified on site so that they can be managed according to the recommendations suggested. The register is only a record of the condition of the materials on the day they were inspected and therefore, all materials must be re-inspected at regular intervals in order to detect any deterioration of condition.
- 12.2 Recommended actions have been included in the asbestos register based on the material assessment category and the accessibility of each material. These recommended actions are only based on the subjective view of the surveyor and do not take into account any specific activities carried out within the premises, which may increase the risk.
- 12.3 All asbestos removal works must be carried out under the provisions of the Control of Asbestos Regulations 2012 and supporting Codes of Practice. All work with asbestos insulation/coatings and asbestos insulation board must be undertaken by a licensed asbestos removal contractor under the provisions of the Control of Asbestos Regulations 2012. All identified ACM's have been identified for a licensed contractor removal or a non licensable removal. All waste must be double bagged and disposed of as special waste in accordance with the Environmental Protection Act: Part 11 Special Waste (Amendment) Regulations 1996. Air monitoring accompanying asbestos encapsulation and removal works must be carried out by an independent UKAS accredited laboratory.
- 12.4 It is a requirement of the HSG 264 – Asbestos: The Survey Guide that the management plan for asbestos is reviewed at regular intervals and updated for any changes in circumstances. It is therefore recommended that properties are re-surveyed at a minimum of 12 monthly intervals to ensure all materials are monitored for signs of damage or deterioration. AMS 2000 Ltd can provide a free quotation for this service on request. Items of asbestos which have been removed should be updated on the register, including the date of when these were removed.
- 12.5 All identified asbestos containing materials are to be individually risk assessed to ensure the correct materials are given priority for remedial action. Please refer to section 13 of this report for further guidance.

13.0 PRIORITY ASSESSMENT AND ALGORITHMS

To be carried out by the client in conjunction with the material risk assessment.

13.1 The material risk assessment identifies the high risk materials that are those which will most readily release airborne fibres if disturbed. It does not automatically follow that those materials assigned the highest scores in the material assessment will be the materials that should be given priority for remedial action. Management priority must be determined by carrying out the risk which will also take in account factors:

- Maintenance activity
- Occupant activity
- Likelihood of disturbance
- Human exposure potential

The risk assessment includes a material assessment and a priority assessment.

The material risk assessment looks at the type and condition of the ACM and the ease with which it will release fibres if disturbed.

The Priority assessment looks at the likelihood of someone disturbing the ACM.

13.2 The risk assessment can only be carried out with detailed knowledge of all of the above. Although a surveyor may have some of the information which will contribute to the risk assessment and may be part of an assessment team, you, as the duty holder under the Control of Asbestos Regulations 2012, are required to make the risk assessment, using the information given in the survey report and your detailed knowledge of the activities carried out within the premises. The risk assessment will form the basis of the management plan, so it is important that it is accurate.

13.3 Maintenance Activity

The first and most important factor which must be taken into consideration is the level of maintenance activity likely to be taken place in an area. Maintenance trades such as plumbers and electricians are the group who the duty to manage is primarily trying to protect. There are two types of maintenance activity, planned and unplanned. Planned work can be assessed and carried out using procedures and controls to reduce exposure to asbestos. Unplanned work requires the situation to be dealt with as found and the controls that can be applied may be more limited. The frequency of maintenance activities also need to be taken into account in deciding what management action is appropriate.

13.4 Occupant Activity

The activities carried out in an area will have an impact on the risk assessment. When carrying out a risk assessment to the main type of use of an area and the activities taking place within it should be taken into account. For example a little store room, or an attic will rarely be access and so any asbestos is unlikely to be disturbed. At the other end of the scale, in a warehouse lined with asbestos insulation board panels with frequent vehicular movement, the potential for disturbance of ACM's is reasonable high and this would be a significant factor in the risk assessment. At well as the normal every day activities taking place in an area, and secondary activities will need to be taken into account.

13.5 Likelihood of Disturbance

The two factors that will determine the likelihood of disturbance are the extent or amount of the ACM and its accessibility/ vulnerability. For example, asbestos soffits outdoors are generally accessible without the use of ladders or scaffolding, are unlikely to be disturbed. The asbestos cement roof of a hospital ward is also unlikely to be disturbed, but its extent would need to be taken into account in any risk assessment. However if the same ward had asbestos panels on the walls they would be much more likely to be disturbed by trolley/ bed movements.

13.6 Human Exposure Potential

The human exposure potential depends on three factors: the number of occupants of an area, the frequency of use of the area, and the average time each area is in use. For example, a school boiler room is likely to be unoccupied, but may be visited daily for a few minutes. The potential for exposure is much less than say in a classroom lined with asbestos insulating board panelling, which is occupied daily for six hours by 30 pupils and a teacher.

13.7 Priority Assessment Algorithms

Taking all of the above factors into account in a logical, consistent manner can be difficult. Using an algorithm will assist the process to produce the priority assessment.

Please refer to section 10.8 of this report for a copy of the algorithm.

The number of factors relevant at any one site needs to be carefully considered, as the more factors included in an algorithm, the lower the influence of the most important risk factors becomes and this may produce anomalies. For this reason it is recommended that the number of factors that are scored is limited to four, the same as the number of factors in the material assessment. There is no single set of factors that can be recommended that will apply equally to all types of premises.

The scores from the material assessment (i.e. the condition of the ACM or presumed ACM) are added to the scores of the priority assessment (the likelihood of disturbance) to give the overall risk assessment. Risk Assessment scores for different ACM's can then be compared to develop the action plan. In many circumstances the scores will be similar, making the decision more difficult. For example a boiler house with asbestos pipe work insulation in poor condition may get the same or similar risk assessment score to an office with asbestos insulating board in reasonably good condition. This is simply because the ACM in the boiler house received a higher score than the ACM in the office because the ACM in the boiler house was in poor condition; however the priority assessment for the office will get a higher than the boiler house since the office is occupied more often. In this instance it is reasonable to say that the office should be of a higher priority as used more often, and the boiler house to be made inaccessible to all unauthorised personnel.

If the above example was a classroom and not an office, the deciding factor may be that there are young valuable persons accessing the area. Algorithms are only there to assist your better judgement.

A blank copy of the priority risk assessment can be found on section 13.9 of this report for your use. If you require any further information regarding the compilation of this document please do not hesitate to contact our office on 01271 328663.

13.8 Priority Assessment Algorithm

Assessment Parameter	Score	Examples of Score Variables
Normal Occupant 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 may contact ACM's)
	3	High levels of disturbance (e.g. fire door with AIB sheet in constant use)
Secondary activities for area	as above	as above
Likelihood of Disturbance		
Location	0	Outdoors
	1	Large rooms or well-ventilated areas
	2	Rooms up to m2
	3	Confined spaces
Accessibility	0	Usually inaccessible or unlikely to be disturbed
	1	Occasionally likely to be disturbed
	2	Easily disturbed
	3	Routinely disturbed
Extent / Amount	0	Small amounts or items (e.g. strings, gaskets)
	1	>10 m ² or 10m pipe run.
	2	>10 - <50 m ² or >10 - <50m pipe run.
	3	>50 m ² or >50m pipe run.
Human Exposure Potential		
Number of occupants	0	None
	1	1 - 3
	2	4 - 10
	3	> 10
Frequency of use of area	0	Infrequent
	1	Monthly
	2	Weekly
	3	Daily
Average time area is in use	0	<1 hour
	1	>1 - <3 hours
	2	>3 - <6 hours
	3	> 6 hours

13.9 Priority Risk Assessment

Assessment Factor	Variable(s) Selected	Score for each Variable	Overall Score
Normal Occupant Activity			
Main type of activity in area			
Likelihood of Disturbance			
Location			
Accessibility			
Extent / Amount			
Human Exposure Potential			
Number of Occupants			
Frequency of use of area			
Average time area is in use			
Maintenance Activity			
Type of maintenance activity			
Frequency of maintenance activity			
Total Risk Assessment Score			
Material Assessment Score			
Grand total of material and risk assessment scores			

14.0 FURTHER GUIDANCE

HEALTH AND SAFETY EXECUTIVE APPROVED CODES OF PRACTICE AND GUIDANCE	
L127	The Control of Asbestos at Work – Duty to Manage.
L143	Control of Asbestos Approved Code of Practice.
MS 13	Asbestos – Medical Guidance Notes.
EH 10	Asbestos - Exposure Limits and Measurement of Airborne Dust Concentrations.
EH 47	The provision, use and maintenance of hygiene facilities for work with asbestos insulation and coatings.
EH 50	Training operatives and supervisors for work with asbestos insulation and coatings.
EH 51	Enclosures provided for work with asbestos insulation, coatings and Insulating board.
EH 57	The problems of asbestos removal at high temperatures.
HSG 189/1	Controlled asbestos stripping techniques for work requiring a licence.
HSG 189/2	Working with asbestos cement.
HS(G) 53	The selection, use and maintenance of respiratory protective equipment.
HSG 264	Asbestos: The Survey Guide Surveying, Sampling and Assessment of Asbestos Containing Materials.
IND(G) 223	Managing Asbestos in Premises.
IND(G) 188	Asbestos Alert - A Workers Information Card for building, maintenance, repair and refurbishment workers.
IND(G) 187	Asbestos Dust - The Hidden Killer: Essential advice for building maintenance, repair and refurbishment workers.
IND(G) 255	Asbestos dust kills: keep your mask on.
IND(G) 264	Selecting respiratory protective equipment for work with asbestos.
The above can be obtained from HSE Books, Tel. 01787 881165. OR Many of the above documentation can now be downloaded from the HSE website www.hse.gov.uk free of charge.	