

Project Number A-01571 (6461)

**Targeted Refurbishment and
Demolition**

Asbestos Survey Report

**165 Port and Maritime
Brest Road
Devon
PL6 5EW**



Working in Partnership with Shield Services Group



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Section 1: Contact Details

Client Details:		Instructing Party:	
Wessex RFCA Mount House Mount Street Taunton TA1 3QE		Wessex RFCA Mount House Mount Street Taunton TA1 3QE	
Contact Name:	Kelvin Walker	Contact Name:	Kelvin Walker
Tel: 01823 250116	Fax: N/A	Tel: 01823 250116	Fax: N/A

Site Address:		Report Author:	
165 Port and Maritime Brest Road Devon PL6 5EW		Armour Analytical Services Unit 6 Guardian Street Industrial Estate Warrington WA5 1SJ	
Contact Name:	Russ Wilkinson	Contact Name:	Andrea Bansee
Tel: 07850 024694	Fax: N/A	Mobile: 07468535836	

Lead Surveyor's Name:	Lead Surveyor's Authorising Signature:
Paul Travis	

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Section 2: Executive Summary

Sample Number	Sample Type	Location	Analysis
PT/01	Insulation - Insulation	Ground Floor Kitchen 001	N.A.D.I.S
PT/02	Floor tiles - Bituminous Product	Ground Floor Kitchen 002	N.A.D.I.S
PT/03	Sink pads - Bituminous Product	Ground Floor Kitchen 003	N.A.D.I.S

N.A.D.I.S – No Asbestos Detected in Sample

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Section 3: Site Description & Survey Information

Brief description on the general building construction

Office/ training block

Caveat for no access areas

All areas of the work involved were accessed

EXTERNAL MATERIALS

Roof Type	Flat
Roof Materials	N/A
Soffits	N/A
Fascia	N/A
Walls	Brick
Verge Under cloaking	N/A
Guttering	N/A
Downpipes	uPVC
Window/Door frames	Metal
Other Materials	N/A

INTERNAL MATERIALS

Loft Insulation	N/A
Roof Underlining	N/A
Ceilings	Plasterboard
Walls <i>Internal</i>	Block, Brick
Floors	Concrete
Doors/Frames	Timber
Pipework/Insulation	MMMF
Boxings	Timber
Boiler Make	N/A
Flue Pipes	N/A
Storage Heaters	N/A
Electrical Boxes/Machinery	In electric cupboard
Ducting/Risers	N/A
Stairs	N/A
Lift Shafts	N/A
Other Materials	N/A



Section 4: Positive and Presumed Photos Sheets

No positive or presumed items were found during this survey

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Section 5: Negative Photos Sheets

Item No:	1	Sample No:	PT/01
Location:	Ground Floor - Kitchen 001		



Material Description:	Pipe Insulation - Insulation	
Identification:	Sampled - No Asbestos Found	
Approx. quantity:	N/A	
Accessibility	N/A	<i>Assessment Score</i>
Product type:	N/A	N/A
Extent of Damage:	N/A	N/A
Surface Treatment:	N/A	N/A
Asbestos type:	N/A	N/A
Material Assessment Score:		N/A
Risk Assessment Score:		N/A
Action:	N/A	
Comments:	<p>Concrete ceiling above Plasterboard ceiling, block, plastic and brick walls, vinyl and grey floor tiles or another vinyl underneath, timber door and frame, timber boxing with clean pipework running through, metal radiator and clean pipework, electric unit in timber cupboard.</p> <p>Pipework insulation in ceiling and wall void connected to air conditioning system</p>	

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Item No: 2

Sample No: PT/02

Location: Ground Floor - Kitchen 002



Material Description:	Floor tiles - Bituminous Product	
Identification:	Sampled - No Asbestos Found	
Approx. quantity:	N/A	
Accessibility	N/A	<i>Assessment Score</i>
Product type:	N/A	N/A
Extent of Damage:	N/A	N/A
Surface Treatment:	N/A	N/A
Asbestos type:	N/A	N/A
Material Assessment Score:		N/A
Risk Assessment Score:		N/A
Action:	N/A	
Comments:	Grey floor tiles or vinyl underneath modern vinyl flooring.	

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Item No: 3

Sample No: PT/03

Location: Ground Floor - Kitchen 003



Material Description:	Sink pads - Bituminous Product	
Identification:	Sampled - No Asbestos Found	
Approx. quantity:	N/A	
Accessibility	N/A	<i>Assessment Score</i>
Product type:	N/A	N/A
Extent of Damage:	N/A	N/A
Surface Treatment:	N/A	N/A
Asbestos type:	N/A	N/A
Material Assessment Score:		N/A
Risk Assessment Score:		N/A
Action:	N/A	
Comments:	3 x sink pads	

Item No: 4

Sample No: N/A

Location: Ground Floor - Electric Cupboard 004



Material Description:	No Suspect Materials Found	
Identification:	N/A	
Approx. quantity:	N/A	
Accessibility	N/A	<i>Assessment Score</i>
Product type:	N/A	N/A
Extent of Damage:	N/A	N/A
Surface Treatment:	N/A	N/A
Asbestos type:	N/A	N/A
Material Assessment Score:		N/A
Risk Assessment Score:		N/A
Action:	N/A	
Comments:	Plasterboard ceiling, block and timber walls, timber floor, timber doors.	

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Section 6: Survey Objectives

Instructions were received from Kelvin Walker of Wessex RFCA to carry out a Targeted Refurbishment and Demolition asbestos survey at 165 Port and Maritime, Brest Road, Devon, PL6 5EW in accordance with HSG264 and Armour Analytical's quality procedures.

The survey was carried out on 20 July 2022 by Paul Travis with the objective of facilitating Refurbishment or Demolition works.

This Targeted Refurbishment & Demolition survey is characterised as a 'Full Access Sampling and Identification Survey' in HSG264. This type of survey is used to locate and describe, so far as are reasonably practicable, all asbestos containing materials (ACMs) in the building and will by its nature involve the partial destruction of the building's fabric as access is gained to all areas. A full sampling programme is undertaken to identify possible ACMs and estimate the extent of ACMs reported. A Refurbishment survey should be undertaken in an unoccupied building.

The objective of this survey report is to identify, so far as is reasonably practicable, the location, extent, product type and composition of ACMS within the fabric of the building, prior to said buildings major refurbishment or demolition.

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Section 7: Survey Techniques

Each floor, room and area within the scope was systematically inspected for suspect materials thought or known to contain asbestos and where such materials were encountered their location, extent, and composition were recorded.

Where materials of a similar nature exist, to those previously sampled, and a reasoned argument can be made that their composition is likely to be identical further physical sampling was not undertaken.

Photographs were taken of all sample locations, unless otherwise stated.

The analysis of suspect ACMs was undertaken by a UKAS accredited laboratory using the analytical method detailed in *HSG248, Appendix 2 -Asbestos: The analysts' guide for sampling, analysis and clearance procedures*.

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Section 8: Survey Caveat

This report is based upon a destructive inspection of an unfamiliar site. During the course of the survey all reasonable efforts were made to identify the physical presence of materials containing asbestos within the areas of the building which are subject to future refurbishment or demolition works.

This report will be restricted to the areas that fall within the scope of works for project and will not take into account any area's that do not fall within the scope. Any asbestos that is identified within this report will need to be added to the buildings existing information and should not form the basis for a management survey. This survey will not include priority assessments nor will it include a register.

This survey considered the construction of the building, associated fixtures & fittings and associated structures and in no way should it be considered as a ground investigation report.

Services should be disconnected prior to commencement of a Refurbishment survey; however where plant and/or electrical installations are live or appear to be live then these will not be accessed.

Inspection under floor slab is not included unless core hole sampling has been specifically requested.

This survey report is not a bill of quantities.

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Section 9: Survey Notes

This report has been written with reference to the various Guidance Notes etc, issued, and current at the date of this report and describes circumstances at the site on the date the investigation took place.

Where similar items exist in the building, only one or two samples have been taken to ascertain the material content. It was assumed that similar products were of the same material.

Any person undertaking work within the buildings should be told of the presence of asbestos. This briefing also applies to any other person associated with the site, including staff, sub-contractors and others.

The drawings in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes.

All the recommendations described in this report are based upon assumptions made after consideration of the type of material, condition of the material, its location, analysis result and type of use the area is thought to be subjected to. However, statutory authorities or others could require amendments based on local knowledge, change in legislation, change in use or indeed other conditions or criteria.

Samples taken from floor tiles (or similar material) may include a bitumen adhesive as part of the sample. It is known that some proprietary brands of bitumen have an asbestos content and this will be included as an integral part of the bulk sample unless otherwise stated.

Due to the artex being non-homogenous, it is recommended to treat all areas as containing asbestos if you have a positive sample of artex.

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Section 10: Material Assessment Algorithm

Variable	Score	Examples
Product type	1	Vinyl, 'Bakelite', Cement, Textured Coating, Non-Friable Debris, Floor Tiles, Bitumen, Reinforced Plastics, Mastic (putty), Windowsills
	2	Asbestos Insulating Board, Paper, Rope, Burned Cement Debris, Flashguards, Gaskets
	3	Pipe Insulation, Spray Coating, Friable Debris, Loose Fill Asbestos
Condition / Damage	0	Good
	1	Slight / Minor Damage
	2	Moderate Damage – Breakage to Surface Treatment
	3	Major Damage – Smashed or Exposed Material
Surface Treatment	0	Non-Friable E.G. Vinyl
	1	Enclosed Insulation, Encapsulated AIB, Unsealed Cement, Woven Material, Paper
	2	Unsealed AIB, Encapsulated Insulation, Encapsulated Pipe Lagging
	3	Unsealed Insulation, Spray Coating, Unsealed Pipe Lagging
Asbestos Type	1	Chrysotile
	2	Amosite & Other Amphiboles
	3	Crocidolite

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

Risk score	Risk assessment
10 or more	High risk
7 – 9	Medium risk
5 – 6	Low risk
4 & below	Negligible risk

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Section 11: Certificates of Bulk Analysis



Our Ref: J240011 Fl: 3
Your Ref: 6461
Date: 27/07/2022

ENVIROCHEM
Analytical Laboratories Ltd.
12 The Gardens
Broadcut, Fareham
Hampshire
PO16 8SS



1227
Tel: (01329) 287777
Fax: (01329) 287755
www.envirochem.co.uk
office@envirochem.co.uk

Asbestos Fibre Identification Report

Client: Armour Analytical Services Ltd
Admirals Yard, Station Road, Patchway, Bristol, BS34 6LR
Site Address: 265 Port Squadron, 165 Port 8 Maritime Regiment RLC, Brest Road, Derriford, Plymouth, Devon, PL6 5EW
Sampled By: Armour Analytical Services Ltd
Date sampled/received: 25th July 2022
Date analysed: 27th July 2022
Analyst/s: Alice Webster
Analysis Location: 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' method (2.01) based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

RESULTS

Sample No.	Sample Ref.	Location	Asbestos Detected	Asbestos Type
PT/01	BS786562	Ground floor. Kitchen. Pipework insulation.	No	
PT/02	BS786563	Ground floor. Kitchen. Floor tile/vinyl - bitumen.	No	
PT/03	BS786564	Ground floor. Kitchen. Stnk pads - bitumen.	No	

NOTES:

1. Sample(s) were examined for the presence of 6 types of asbestos fibres: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite and tremolite.
2. The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated and samples collected by the client are evaluated using information provided by the client. For samples collected by the client the date of receipt is deemed to be the same as the date sampled.
3. Envirochem is a UKAS accredited laboratory for sampling and identification of asbestos containing materials.
4. Comments, observations and opinions are outside the scope of UKAS accreditation.
5. The analytical method in the HSG248 does not quantify the amount of asbestos present, therefore UKAS accreditation does not permit quantification.
6. If, during fibre identification, only 1 or 2 fibres are seen and identified as asbestos, then the term 'trace asbestos identified' is used.
7. This report shall not be reproduced except in full, without written approval of Envirochem.
8. Samples are retained for 6 months, report kept for 5 years from the date of authorisation of this report.

SIGNATURE:



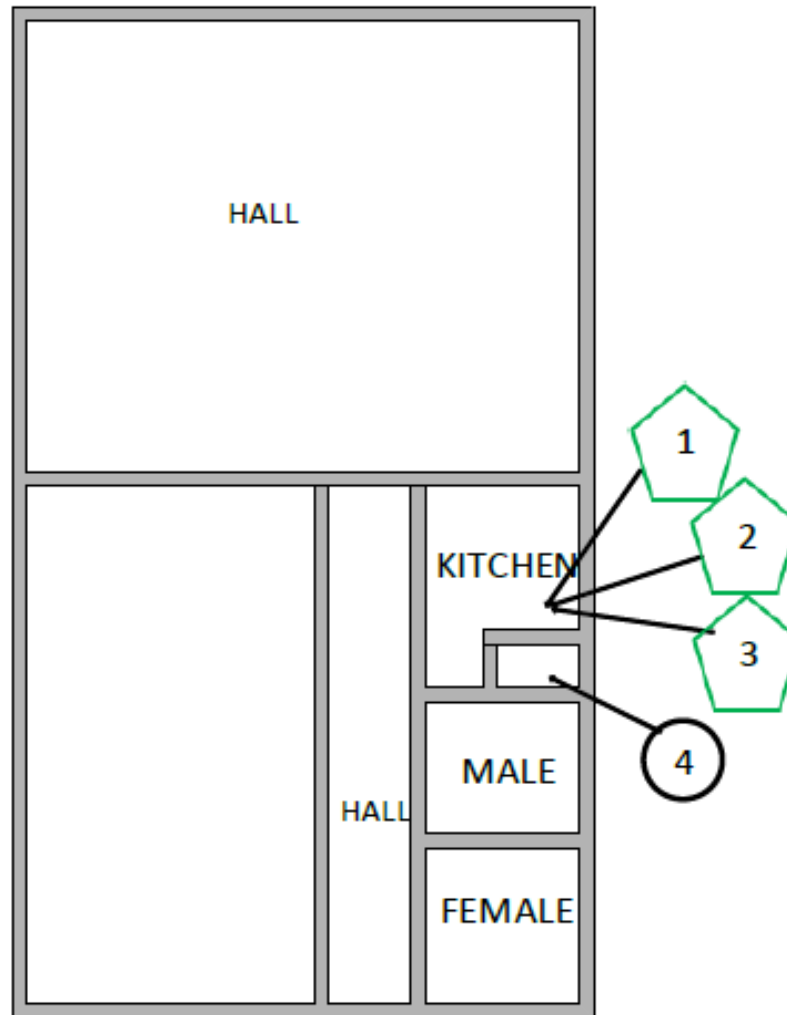
Authorised signatory PRINT NAME: Frances Scott







DATE AUTHORISED:
27/07/2022

Reg. No. 2378228 England. Registered Office: Envirochem, 12 The Gardens, Broadcut, Fareham, Hampshire, PO16 8SS.

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Key	
	Visual Inspection
	Asbestos Detected (Positive Item)
	No Asbestos Detected (Negative Item)
	Presumed to Contain Asbestos
	Strongly Presumed to Contain Asbestos
	No Access

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I the surveyor can confirm that this report is accurate to my findings on site and this survey has been Content checked by myself.

Checked by: Paul Travis

Date: 02/08/2022

I the Admin Manager can confirm that this report is accurate to the paperwork received and this survey has been quality checked by myself.

Checked by: Andrea Bansee

Date: 02/08/2022

Report Compiled By

**Armour Analytical Services Ltd, Unit 6, Guardian Street Industrial Estate,
Warrington, WA5 1SJ**

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