

Demolition Survey (with MA only)



Site Address

Halewood
Speke Boulevard
Liverpool
L24 9BJ

Report Prepared For

Andrew Glover
Jaguar Land Rover Limited (Delph)
Halewood
Speke Boulevard
Liverpool
L24 9BJ

Survey commissioned by:	Andrew Glover		
Date of survey:	19 Jul 2024		
Revision Number:	1		
Job Number:	J015295		
Lead surveyor(s):	Gregory Zander	Signature:	
Technical review by:	James Stonnell	Signature:	
Report issue date:	6 Aug 2024		

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1.0 EXECUTIVE SUMMARY:

Asbestos containing materials have been identified during the Demolition Survey and the specific areas are categorized below in order according to the initial Material Risk Assessment made by Element Materials Technology Environmental UK Ltd.

SCOPE OF WORK:

Demolition Survey Traffic Office -Client to supply MEWP -Building to be fully isolated by the client.

HIGH RISK MATERIALS - MRA of 10-12

Asbestos in poor condition, or asbestos debris/contamination has been identified within the following areas listed in the table below. It is recommended that risk assessment (s) are undertaken to ensure that Regulation 4, Regulation 10, Regulation 11, and Regulation 16 of the Control of Asbestos Regulations 2012 are complied with.

Item No	Building	Floor	Room	Item	Material	Material risk assessment score	Recommendations
There were no results found.							

SUMMARY OF ASBESTOS CONTAINING LOCATIONS

Item No	Building	Floor	Room	Item
3	Traffic Office	Ground Floor	storage area G/02	cement
4	Traffic Office	Ground Floor	storage area G/02	cement
6	Traffic Office	Ground Floor	garage G/03	cement
7	Traffic Office	Ground Floor	garage G/03	cement
10	Traffic Office	Ground Floor	garage G/03	mastic seal
11	Traffic Office	Ground Floor	boiler room G/04	cement
17	Traffic Office	Ground Floor	store G/05	cement
18	Traffic Office	Ground Floor	store G/06	cement
19	Traffic Office	Ground Floor	store G/07	cement
20	Traffic Office	Ground Floor	corridor G/08	cement

Item No	Building	Floor	Room	Item
23	Traffic Office	Ground Floor	Shower room G/11	cement
24	Traffic Office	Ground Floor	Shower room G/11	red mastic
36	Traffic Office	Roof Void	ceiling void above rooms with suspended ceilings R/01	cement
37	Traffic Office	Roof Void	ceiling void above rooms with suspended ceilings R/01	cement
39	Traffic Office	Roof Void	ceiling void above rooms with suspended ceilings R/01	red mastic
44	Traffic Office	External	Externals E/01	textile wrap
49	Traffic Office	External	Externals E/01	mastic

SUMMARY OF NON-ASBESTOS CONTAINING MATERIALS

The following items have been sampled and found to contain no asbestos fibres.

Item No	Building	Floor	Room	Item
14	Traffic Office	Ground Floor	boiler room G/04	textile gaskets
15	Traffic Office	Ground Floor	boiler room G/04	textile gasket
12	Traffic Office	Ground Floor	boiler room G/04	gaskets
30	Traffic Office	Ground Floor	office G/17	damp proof course
42	Traffic Office	External	Externals E/01	mastic
43	Traffic Office	External	Externals E/01	bitumen cork
45	Traffic Office	External	Externals E/01	bitumen textle wrap
1	Traffic Office	Ground Floor	lobby G/01	mastic
2	Traffic Office	Ground Floor	lobby G/01	damp proof course
5	Traffic Office	Ground Floor	storage area G/02	mastic

Item No	Building	Floor	Room	Item
8	Traffic Office	Ground Floor	garage G/03	mastic
13	Traffic Office	Ground Floor	boiler room G/04	bakelite panel
38	Traffic Office	Roof Void	ceiling void above rooms with suspended ceilings R/01	mastic
41	Traffic Office	External	Externals E/01	mastic
46	Traffic Office	External	Externals E/01	mastic
47	Traffic Office	External	Externals E/01	roof felt
50	Traffic Office	External	Externals E/01	felt flashing
51	Traffic Office	External	Externals E/01	mastic
40	Traffic Office	External	Externals E/01	grey mastic

PRESUMED ASBESTOS/NO ACCESS AREA

Asbestos Containing Materials have been presumed as being present to the following areas where access could not be gained. A management policy and plan needs to identify that these areas require inspection once access can be provided. These areas require re-inspection for accessibility at 6 monthly intervals.

Areas not accessed during the survey:	Reason for access issue:
E.001 Externals	specialist tools required to remove pannels
G.004 boiler room	no safe access
G.003 garage	no safe access

2.0 INTRODUCTION - PURPOSE, AIMS AND OBJECTIVES

Element Materials Technology Environmental UK Ltd received an order of confirmation to undertake a Demolition Survey from Jaguar Land Rover Limited (Delph). This order has been accepted on the basis of the original quotation and our terms and conditions of business.

Revision History			
Issue Number	1	Issue Date	6 Aug 2024
Reason for revision	Original report		

The order relates to a Demolition survey of:

Halewood
Speke Boulevard
Liverpool
L24 9BJ

The survey was carried out by Gregory Zander.

The Type of survey selected / requested by the client was a Demolition survey.

The reason for selecting this survey is to enable the client to identify asbestos in his premises so that it can be removed prior to demolition.

The survey has included the completion of priority assessment in accordance with HSG227. This priority assessment was completed with input from the duty holder and his representatives.

This survey was carried out in accordance with documented in house procedures, which are based on the HSE Guidance document HSG 264.

Age of building:	Circa 1960
Nature of the building:	Single storey industrial building
Construction type:	Masonry construction with a pitched roof
Internal notes:	N/A
External notes:	N/A

PURPOSE OF SURVEY

The purpose of this Demolition Survey is to help the duty holder identify asbestos in these premises, prior to. It provides sufficient information to help the tendering process for removal works prior to any work starting. However it is strongly recommended that any asbestos removal should be undertaken against a detailed specification. We further recommend the appointed removal contractor should attend the site to confirm for themselves the quantities and location of asbestos to be removed, prior to costing.

AIM OF SURVEY

The aim of the survey was to;

1. Locate and record the location, extent, and product type as far as reasonably practicable of known or presumed ACM's.
2. Inspect and record information on the accessibility, condition and surface treatment of know or presumed ACM's
3. Determine and record the asbestos type based on sampling or by making a presumption based on product type and appearance
4. Locate all ACM's within the fabric of the building prior to demolition.

TYPE OF SURVEY – DEMOLITION SURVEY

The purpose of this demolition survey is to identify ACM's to be removed prior to any demolition work being carried out. This type of survey is used to locate and describe as far as is reasonably practicable all ACM's in the whole building if demolition is planned.

Demolition surveys are intended to locate all asbestos within the building. It is a disruptive, fully intrusive survey that involves destructive inspection techniques that penetrate the building structure extensively. This involves breaking into floors, through walls, into wall voids ceilings, cladding, boxing, as necessary to gain access to all areas, including the inner fabric of the building. A full sampling programme is undertaken to identify possible ACM's and estimate their quantities.

The survey is designed to be used to help the tendering process, and should be used to start generating a specification for tendering the removal of ACM's from the building prior to demolition.

Whilst all asbestos materials have been identified as far as is reasonably practicable, some asbestos materials may remain unidentified buried within the fabric of the building during the survey. Asbestos shuttering buried within concrete slabs, asbestos hidden by structural supports, asbestos hidden behind other asbestos products, and building structures which are unsafe to fully access are potential locations.

It must be presumed that asbestos may remain unidentified to these type of areas and if suspect materials are uncovered during demolition then samples should be taken for analysis.

3.0 DESKTOP REVIEW AND SURVEY PLANNING

Details of information requested from the Duty Holder by Element Materials Technology Environmental UK Ltd in order to carry out a desk top review and plan the survey in accordance with HSG 264 were recorded on our pre-survey questionnaire, along with details of all the information that were provided by Andrew Glover on behalf of the client.

The Information provided was assessed during the desktop review and a survey plan, and risk assessment was produced for the survey of:

Halewood
Speke Boulevard
Liverpool
L24 9BJ

The survey was carried out to Traffic Office.

Where information was provided regarding the presence of known or presumed asbestos materials then this has been validated during the course of the survey, and recorded within this report.

Detailed drawing were not provided by the client at the time of the survey.

A decontamination unit was not needed onsite during the survey.

Utilities and services were still live at the time of the survey.

Access equipment for working at heights was not required.

The survey did not involve confined space working.

The client did not inform Inspect Asbestos Solutions of any chemical/biological hazards.

4.0 SURVEY METHOD

This survey has been undertaken in accordance with HSG264 and Element Materials Technology Environmental UK Ltd in house procedures.

Clients of Element Materials Technology Environmental that have signed our terms and conditions are deemed to have agreed, and accepted, our surveying approach, our sampling strategy, and our standard planning, surveying and reporting format unless they have made specific requests to the contrary.

The information provided by the client or their representative are recorded in the planning document and has been used to define the scope of the survey.

Photographs of suspected ACM's will be taken at the time of the survey unless the client expressly requests otherwise. Sampling points and suspected ACM's will not be identified with labels unless the client expressly requests otherwise.

All fibrous materials and item will be included in the survey unless, in the surveyors professional opinion, these items can be excluded (eg. Wood, wallpaper, man-made mineral fibre). Samples of all thermoplastic floor coverings will be taken unless, in the surveyors professional opinion, such items can be excluded. All textured coatings and novel bituminous will be sampled.

Areas that could not be accessed were presumed to have ACM's present until proven otherwise. Each area requiring further inspection is documented within the Executive summary (Inaccessible areas). Inaccessible areas are also shown on the plan drawings (Appendix 5)

Materials that could not be accessed and in the surveyors opinion can be dismissed will be presumed to be ACM unless proven otherwise. Materials that are not sampled but, in the surveyors opinion, have a similar appearance, location and function as a previously sampled material will be strongly presumed to be similar to the sampled material.

The quantity of samples taken may have been minimised by using 'strongly presumed' as defined above. Materials that are 'strongly presumed' to be similar to a material that has already been sampled will be recorded in the comments section of the survey and referenced against the original sampled material.

Our surveyor has made every attempt to avoid causing damage during the management surveys whilst attempting to identify possible ACM's. Minor repairs will be made and any areas accessed will be left in a safe condition.

Intrusive damage that is required to gain access to an area/location that is within the scope of the survey has been agreed with the client or the clients representative. Any remedial action will be put in place before such action is attempted. If remedial action cannot be arranged, no attempt to access the area will be made and the reasons recorded. The area/location will be presumed to have ACM's present until proven otherwise.

Non fibrous materials and item known not to contain asbestos (eg Breeze block, plaster, plasterboard plastics and non textured paints) will be excluded from the survey unless the surveyor suspects that these materials have been contaminated with asbestos from other sources or specifically requested by the client.

Older electrical equipment, which cannot be shown to contain ACM's, has been presumed to have ACM's present unless, in the surveyors professional opinion, such items can be excluded.

5.0 EXCLUSIONS AND CAVEATS

GENERAL CAVEATS

For safety reasons it is not possible to inspect internal areas of plant and machinery.

Access to internal wall linings and general cavities was restricted to avoid excessive damage to surface finishes.

Where areas have been designated as 'no access' or 'restricted access', unless further inspection/sampling proves otherwise, the presumption has been made that these structures/areas contain asbestos materials.

During the course of the survey it may not have been possible to access all areas of the site. Details of areas requiring further access are identified within the Data Sheets of this report. In accordance with HSG 264, asbestos is presumed to be present within these areas and should be treated accordingly until further inspection and analysis of building fabric and services proves otherwise.

It is recommended that further intrusive inspection and sampling be carried out where site refurbishment, maintenance, or similar may disturb Asbestos Containing Materials that have remained inaccessible during this survey, this should be a refurbishment/demolition survey as described in HSG 264.

Residual asbestos material may be present beneath re-lagged services and cannot be detected unless the re-lagging is systematically removed. Caution should therefore be taken when working on such materials for the potential presence of asbestos residue.

Textured Coatings such as "Artex" may contain a trace quantity of Chrysotile asbestos. Due to this low asbestos content, applications of this product may be non-homogenous and may elicit both positive and negative samples. Where both positive and negative samples are obtained the client should presume that the textured coating contains Chrysotile throughout even though a non-detected result has been obtained.

This report does not include investigations into land contamination associated with asbestos or any other contaminant.

SPECIFIC CAVEATS

It was agreed with the client that access above or behind known ACM's was not required within the survey.

It was agreed with the client that core boring into the concrete slabs was not required within the survey.

The client has requested a less intrusive survey into these areas and for the window frames to remain in situ.

Underground services were not included in the survey.

It has been agreed with the client that there was not any unsafe structures on site. These will be excluded from the survey.

6.0 SAMPLING AND ANALYSIS

The object of bulk sampling is to identify the nature and extent of any visible ACM.

Bulk sampling is undertaken inline with the recognised safe procedures in order to cause minimal possible nuisance and potential risk to health of the building occupants and visitors. Bulk samples are taken in accordance with documented in house procedures, following guidelines detailed in HSG264 'The Survey Guide' and HSG248 'The Analyst Guide'. The quantity of samples taken will be minimised by using 'strongly presumed'. Materials that are 'strongly presumed' to be similar to a material that has already been sampled will be recorded in the comments section of the survey record and referenced against the original sampled material.

Bulk samples are returned to the appointed bulk analysis laboratory with the appropriate sample / report reference number. Where appropriate; a label will be left on site adjacent to the sample location.

The label will indicate the sample number and the date taken. This label can be used along with the report for cross reference purposes.

Bulk sample analysis is carried out in accordance with HSE document HSG 248 'The Analysts Guide' and Element Materials Technology Environmental UK Ltd documented in-house methods. Samples are examined under a low magnification stereomicroscope and the fibres teased apart. The fibres are then mounted in liquids of known refractive indices and examined under high magnification using polarised light and dispersion staining in accordance with HSG 248 'The Analysts Guide'.

The bulk sample description and analysis results can be found in Appendix 4 of this report – The analysis certificate.

Key to Analysis Results:

Chrysotile - White Asbestos

Amosite - Brown Asbestos

Crocidolite - Blue Asbestos

Tremolite - Rare Asbestos

Actinolite - Rare Asbestos

Anthophyllite - Rare Asbestos

7.0 SURVEY RESULTS - INTERPRETATIONS

SURVEY RESULTS

The results of the survey inspections and sampling undertaken are recorded on the enclosed Survey Data Sheets (appendix 2), Asbestos Register (appendix 1) and Non-Asbestos Material Register (appendix 3). Where asbestos containing material have been identified or presumed to be present then a Material Assessment Algorithm has been calculated as detailed in HSG 264 and reproduced in the table below:

Within the survey data sheets the individual scores in brackets, for each sample variable, are added together to form the final material/priority risk assessment algorithm score.

MATERIAL RISK ASSESSMENT ALGORITHM

Product type [or debris from product]

Score	Examples of scores
1	Asbestos reinforced composites [plastics, resins, mastics, roofing felts, vinyl floor tiles, semi- rigid paint, decorative finishes and asbestos cement etc]
2	Asbestos insulating board, mill boards, other low-density boards, textiles, gaskets, ropes and woven materials and asbestos paper.
3	Thermal insulation [e.g. pipe and boiler lagging], sprayed asbestos, loose asbestos, asbestos mattresses and packing.

Extent of damage/deterioration

Score	Examples of scores
0	Good condition: no visible damage
1	Low damage: a few scratches or surface marks, broken edges on boards or tiles, etc.
2	Moderate damage: significant breakage of materials or several small areas where material has been damaged exposing fibrous edges.
3	High damage or deterioration of materials, sprays and thermal insulation. Visible asbestos contamination by debris or residues.

Surface treatment

Score	Examples of scores
0	Composite materials containing asbestos, reinforced plastics, resins, vinyl tiles
1	Enclosed sprays or insulation, AIB [with exposed face encapsulated], cement sheets, etc.
2	Unsealed AIB, encapsulated insulation and sprays.
3	Unsealed insulation and sprays.

Asbestos Type

Score	Examples of scores
1	Chrysotile
2	Amphibole asbestos (excluding Crocidolite)
3	Crocidolite

8.0 RECOMMENDATIONS

To comply with and ensure that the requirements of section 2 & 3 of the Health and Safety at Work Act (as amended) 1974, the Management of Health and Safety at Work Regulations 1999, the Control of Asbestos Regulations 2012 and the Control of Substances Hazardous to Health 2002 are met, the following recommendations should be implemented:

Undertake suitable and sufficient Risk Assessments of identified asbestos containing materials against normal occupation and maintenance operations, in compliance with Regulations 3 of the Management of Health & Safety at Work Regulations 1999 and Regulation 6 of the Control of Asbestos Regulations 2012.

The findings of the survey be brought to the attention of those persons who are likely to come in contact with asbestos, in compliance with Section 2 and 3 of the Health and Safety at Work Act (as amended) 1974 and Regulation 10 of the Control of Asbestos Regulations 2012.

Implement an Asbestos Management Policy, Plan and review process in compliance Regulation 4 of the Control of Asbestos Regulations 2012.

Instigate regular inspections, to record and update details of retained asbestos containing materials.

Review the arrangement under the management plan in accordance with regulation 4 of the CAR 2012.

During the course of the survey it may not have been possible to access all areas of the site. Details of areas requiring further access are identified within the Data Sheets of this report. In accordance with HSG 264, asbestos has been presumed to be present within these areas and should be treated accordingly until further inspection and analysis of building fabric and services proves otherwise.

Where asbestos debris or asbestos in poor condition has been found it is recommended that access is restricted and or controlled to these areas in accordance with Regulation 11 and Regulation 16 of the Control of Asbestos Regulations 2012.

If we have identified asbestos materials in poor condition, it is recommended that air monitoring is carried out within a number of areas where asbestos materials have been identified in order to assess airborne fibre levels within adjacent occupied areas in relation to the clearance indicator, as documented by HSG 248 the Analyst Guide.

All identified asbestos to be appropriately identified and subject to risk assessment, management, and re-inspection.

Site specific recommendations in respect to the location and condition of asbestos materials identified during the course of this inspection are detailed in the Survey Data Sheets and Asbestos register. In considering the management of asbestos materials identified to date, these recommendations should be taken into consideration.

In accordance with the Control of Asbestos Regulations 2012 the removal of ACM's fall into one of the three categories below:

Licensed Asbestos Removal

Is defined as any work, which is undertaken on a friable asbestos product or which is likely to exceed the control limit of 0.1f/cm³. A licensed asbestos removal contractor must undertake this work and a 14-day notice must be given to the HSE prior to the commencement of the work.

Notifiable Non Licensed Works

If work on an ACM causes the deterioration of the matrix material in which the asbestos fibres are firmly linked, then these works are Notifiable Non Licensed Work (NNLW). Work of this type does not require an asbestos removal licence, but the company undertaking the work must have the following:

- Notification of the work to the relevant enforcing authority prior to the work commencing.
- Medical examinations to assess each worker's state of health to be carried out, before any possible – exposure to asbestos. Then re-examinations every three years.
- Insurance for working with asbestos containing materials.
- A register of work to be kept by the employer for each employee exposed to asbestos.

Non Notifiable Non Licensed work

-Non-Licensed Works Is defined as any work, which involves short, non-continuous maintenance activities, during which only nonfriable materials are removed. It can also involve the removal of non-friable materials for refurbishment purposes. However, work of this type is only applicable where the matrix material in which the asbestos fibres are firmly linked remains intact.

- If a non-licensed contractor is appointed to undertake the removal works on the above materials, the following points must be adhered to:
- All operatives undertaking work on the material must have asbestos awareness training and practical asbestos training.

It is recommended that further intrusive investigations and sampling be carried out in accordance with HSG.264, where any major refurbishment, maintenance, installation or similar activity may expose asbestos materials that have remained inaccessible during the survey. This should be as a refurbishment/demolition survey as documented in HSG264.

The findings of this report should not be solely relied upon in obtaining costs for proposed asbestos abatement work. Any proposed abatement/removal of the asbestos should be undertaken against a detailed specification.

APPENDIX 1 – ASBESTOS REGISTER – RESULTS

Client:	Jaguar Land Rover Limited	Surveyor(s):	Gregory Zander
Address:	HALEWOOD, SPEKE BOULEVARD, LIVERPOOL, L24 9BJ	Survey date:	19/07/2024
UPRN:		Survey type:	Demolition Survey (with MA only)

Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
1	Traffic Office / Ground Floor / lobby (G/01)	mastic	8lm	KC000902	No Asbestos Detected (0)					No action required
2	Traffic Office / Ground Floor / lobby (G/01)	damp proof course	Throughout	KC000903	No Asbestos Detected (0)					No action required
3	Traffic Office / Ground Floor / storage area (G/02)	cement	25m ²	KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
4	Traffic Office / Ground Floor / storage area (G/02)	cement	5lm	KC000905	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
5	Traffic Office / Ground Floor / storage area (G/02)	mastic	1lm	KC000906	No Asbestos Detected (0)					No action required
6	Traffic Office / Ground Floor / garage (G/03)	cement	25m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
7	Traffic Office / Ground Floor / garage (G/03)	cement	5lm	As KC000905	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
8	Traffic Office / Ground Floor / garage (G/03)	mastic	1lm	As KC000906	No Asbestos Detected (0)					No action required
9	Traffic Office / Ground Floor / garage (G/03)	no access within high level sealed heating unit		Presumed						Presume ACMs
10	Traffic Office / Ground Floor / garage (G/03)	mastic seal	0.5lm	KC000907	Chrysotile (1)	Mastic/Putty (1)	Low Damage (1)	Sealed (0)	3	Remove/manage

Client:	Jaguar Land Rover Limited	Surveyor(s):	Gregory Zander
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Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
11	Traffic Office / Ground Floor / boiler room (G/04)	cement	20m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
12	Traffic Office / Ground Floor / boiler room (G/04)	gaskets	8no.	KC000908	No Asbestos Detected (0)					No action required
13	Traffic Office / Ground Floor / boiler room (G/04)	bakelite panel	2no.	KC000909	No Asbestos Detected (0)					No action required
14	Traffic Office / Ground Floor / boiler room (G/04)	textile gaskets	Throughout	KC000910	No Asbestos Detected (0)					No action required
15	Traffic Office / Ground Floor / boiler room (G/04)	textile gasket	0.5lm	KC000911	No Asbestos Detected (0)					No action required
16	Traffic Office / Ground Floor / boiler room (G/04)	no access within sealed boiler unit		Presumed						Presume ACMs
17	Traffic Office / Ground Floor / store (G/05)	cement	2m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
18	Traffic Office / Ground Floor / store (G/06)	cement	1m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
19	Traffic Office / Ground Floor / store (G/07)	cement	1m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
20	Traffic Office / Ground Floor / corridor (G/08)	cement	3m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage

Client:	Jaguar Land Rover Limited	Surveyor(s):	Gregory Zander
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Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
21	Traffic Office / Ground Floor / store (G/09)	No suspect materials found								No action required
22	Traffic Office / Ground Floor / store (G/10)	No suspect materials found								No action required
23	Traffic Office / Ground Floor / Shower room (G/11)	cement	5m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
24	Traffic Office / Ground Floor / Shower room (G/11)	red mastic	Throughout	KC000912	Chrysotile (1)	Mastic/Putty (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
25	Traffic Office / Ground Floor / W.C. (G/12)	No suspect materials found								No action required
26	Traffic Office / Ground Floor / office (G/13)	No suspect materials found								No action required
27	Traffic Office / Ground Floor / office (G/14)	No suspect materials found								No action required
28	Traffic Office / Ground Floor / lobby (G/15)	No suspect materials found								No action required
29	Traffic Office / Ground Floor / office (G/16)	No suspect materials found								No action required
30	Traffic Office / Ground Floor / office (G/17)	damp proof course	Throughout	KC000913	No Asbestos Detected (0)					No action required

Client:	Jaguar Land Rover Limited	Surveyor(s):	Gregory Zander
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Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
31	Traffic Office / Ground Floor / office (G/18)	No suspect materials found								No action required
32	Traffic Office / Ground Floor / emergency exit (G/19)	No suspect materials found								No action required
33	Traffic Office / Ground Floor / lobby (G/20)	No suspect materials found								No action required
34	Traffic Office / Ground Floor / female w.c. (G/21)	No suspect materials found								No action required
35	Traffic Office / Ground Floor / gents w.c. (G/22)	No suspect materials found								No action required
36	Traffic Office / Roof Void / ceiling void above rooms with suspended ceilings (R/01)	cement	300m ²	As KC000904	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
37	Traffic Office / Roof Void / ceiling void above rooms with suspended ceilings (R/01)	cement	40lm	As KC000905	Chrysotile (1)	Asbestos Cement (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
38	Traffic Office / Roof Void / ceiling void above rooms with suspended ceilings (R/01)	mastic	10lm	As KC000906	No Asbestos Detected (0)					No action required
39	Traffic Office / Roof Void / ceiling void above rooms with suspended ceilings (R/01)	red mastic	5lm	As KC000912	Chrysotile (1)	Mastic/Putty (1)	Good Condition (0)	Sealed (0)	2	Remove/manage
40	Traffic Office / External / Externals (E/01)	grey mastic	6lm	KC000914	No Asbestos Detected (0)					No action required

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Address:	HALEWOOD, SPEKE BOULEVARD, LIVERPOOL, L24 9BJ	Survey date:	19/07/2024
UPRN:		Survey type:	Demolition Survey (with MA only)

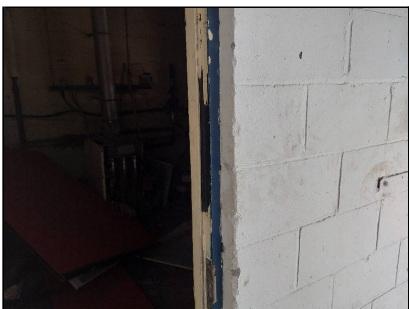
Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
41	Traffic Office / External / Externals (E/01)	mastic	Throughout	KC000915	No Asbestos Detected (0)					No action required
42	Traffic Office / External / Externals (E/01)	mastic	2lm	KC000916	No Asbestos Detected (0)					No action required
43	Traffic Office / External / Externals (E/01)	bitumen cork	1m ²	KC000917	No Asbestos Detected (0)					No action required
44	Traffic Office / External / Externals (E/01)	textile wrap	1lm	KC000918	Chrysotile (1)	Textile (2)	Medium Damage (2)	Unsealed (2)	7	Remove/repair
45	Traffic Office / External / Externals (E/01)	bitumen textle wrap	4lm	KC000919	No Asbestos Detected (0)					No action required
46	Traffic Office / External / Externals (E/01)	mastic	40lm	KC000920	No Asbestos Detected (0)					No action required
47	Traffic Office / External / Externals (E/01)	roof felt	15m ²	KC000921	No Asbestos Detected (0)					No action required
48	Traffic Office / External / Externals (E/01)	limited access		Presumed						Presume ACMs
49	Traffic Office / External / Externals (E/01)	mastic	1lm	KC000922	Chrysotile (1)	Bitumen (1)	Low Damage (1)	Sealed (0)	3	Remove/manage
50	Traffic Office / External / Externals (E/01)	felt flashing	30lm	KC000923	No Asbestos Detected (0)					No action required

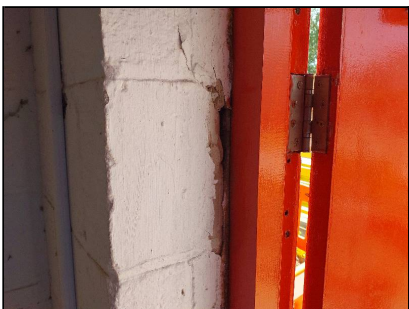
Client:	Jaguar Land Rover Limited	Surveyor(s):	Gregory Zander
Address:	HALEWOOD, SPEKE BOULEVARD, LIVERPOOL, L24 9BJ	Survey date:	19/07/2024
UPRN:		Survey type:	Demolition Survey (with MA only)

Item No.	Location	Description	Approx Extent of Material	Sample reference	Asbestos Type	Product Type	Damage / Deterioration	Surface Treatment	MRA	Recommendations
51	Traffic Office / External / Externals (E/01)	mastic	2lm	KC000924	No Asbestos Detected (0)					No action required

APPENDIX 2 – SURVEY DATA SHEETS

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	1	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	lobby G/01	mastic to doorframes, boiler room and storage area	8lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000902 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	2	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	lobby G/01	damp proof course to wall cavity	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000903 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

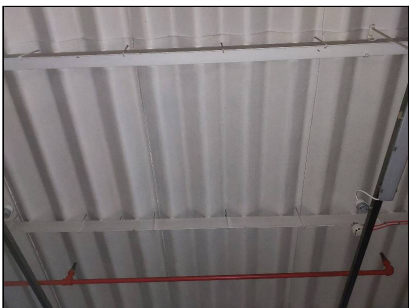
Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	3	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	storage area G/02	cement roof	25m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000904 (S)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	4	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	storage area G/02	cement gutter	5lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000905 (S)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	5	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	storage area G/02	mastic to gutter	1lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000906 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	6	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	garage G/03	cement roof	25m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

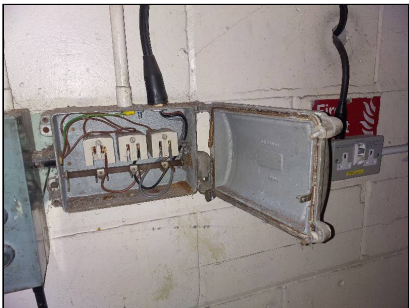
Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	7	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	garage G/03	cement gutter	51m	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000905 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	8	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	garage G/03	mastic to gutter	11m	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000906 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

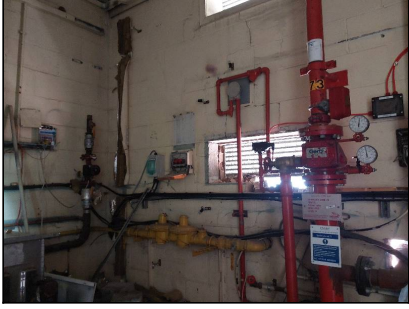
Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	9	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	garage G/03	no access within high level sealed heating unit	N/A	Accessibility
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	
	Visual (P)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		Presume ACMs are present until area can be inspected.			
Surveyor comments		no safe access			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	10	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	garage G/03	mastic seal to electrics box	0.5lm	Accessibility
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	
	KC000907 (S)	Mastic/Putty (1)	Sealed (0)	Low Damage (1)	Easily disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	11	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	cement roof	20m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
2					
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	12	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	gaskets to pipework	8no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000908 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	13	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	bakelite panel loose to floor	2no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000909 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	14	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	textile gaskets to boiler	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000910 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	15	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	textile gasket to flue	0.5lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000911 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	16	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	boiler room G/04	no access within sealed boiler unit	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (P)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		Presume ACMs are present until area can be inspected.			
Surveyor comments		no safe access			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	17	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	store G/05	cement roof	2m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
	2				
Recommended action	Remove if affected by refurbishment/demolition works, otherwise inspect periodically.				
Surveyor comments	N/A				

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	18	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	store G/06	cement roof	1m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
	2				
Recommended action	Remove if affected by refurbishment/demolition works, otherwise inspect periodically.				
Surveyor comments	N/A				

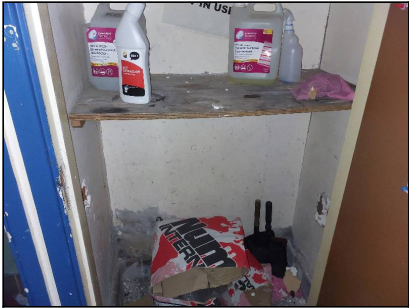
Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	19	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	store G/07	cement roof	1m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
	2				
Recommended action	Remove if affected by refurbishment/demolition works, otherwise inspect periodically.				
Surveyor comments	N/A				

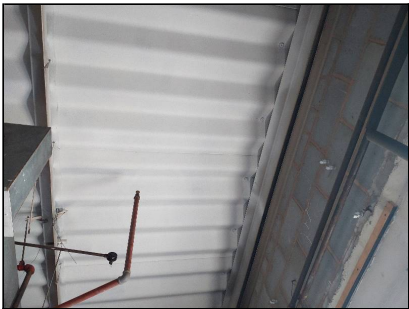
	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	20	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	corridor G/08	cement roof	3m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
	2				
Recommended action	Remove if affected by refurbishment/demolition works, otherwise inspect periodically.				
Surveyor comments	N/A				

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	21	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	store G/09	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

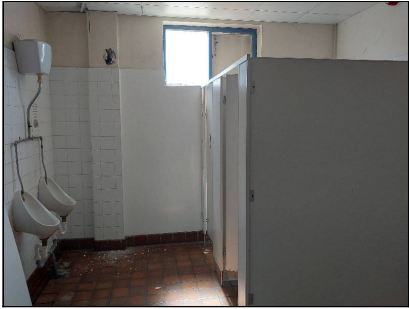
	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	22	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	store G/10	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	23	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	Shower room G/11	cement roof	5m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
Material Risk Score					
2					
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	24	Gregory Zander	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	Shower room G/11	red mastic to ventilation ducting joints	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000912 (S)	Mastic/Putty (1)	Sealed (0)	Good Condition (0)	Occasionally likely to be disturbed
Material Risk Score					
2					
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	25	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	W.C. G/12	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	26	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	office G/13	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	27	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	office G/14	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	28	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	lobby G/15	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	29	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	office G/16	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

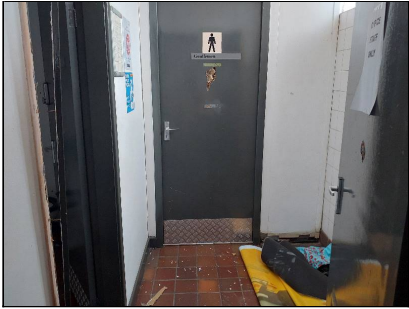
	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	30	Gregory Zander	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	office G/17	damp proof course to wall under window behind sill	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000913 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	31	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	office G/18	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	32	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	emergency exit G/19	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	33	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	lobby G/20	No suspect materials found	N/A	Accessibility
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	34	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	female w.c. G/21	No suspect materials found	N/A	Accessibility
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	35	Gregory Zander	Demolition Survey	Ground Floor	N/A
	Building	Room	Item	Quantity	
	Traffic Office	gents w.c. G/22	No suspect materials found	N/A	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	Visual (N/A)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	36	Gregory Zander	Demolition Survey	Roof Void	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	ceiling void above rooms with suspended ceilings R/01	cement roof	300m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000904 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

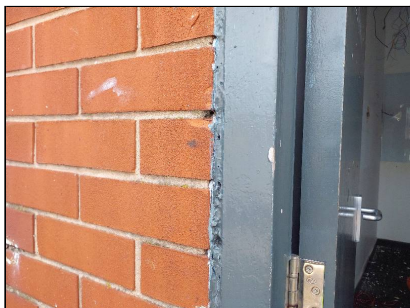
Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	37	Gregory Zander	Demolition Survey	Roof Void	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	ceiling void above rooms with suspended ceilings R/01	cement gutter	40lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000905 (SP)	Asbestos Cement (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
Material Risk Score					
2					
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	38	Gregory Zander	Demolition Survey	Roof Void	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	ceiling void above rooms with suspended ceilings R/01	mastic to gutter	10lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000906 (SP)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	39	Gregory Zander	Demolition Survey	Roof Void	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	ceiling void above rooms with suspended ceilings R/01	red mastic to ventilation ducting joints	5lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As KC000912 (SP)	Mastic/Putty (1)	Sealed (0)	Good Condition (0)	Usually inaccessible or unlikely to be disturbed
	Material Risk Score				
	2				
Recommended action	Remove if affected by refurbishment/demolition works, otherwise inspect periodically.				
Surveyor comments	N/A				

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	40	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	grey mastic to door frame	6lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000914 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No action required				
Surveyor comments	N/A				

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	41	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	mastic to expansion joint	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000915 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	42	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	mastic to wall	2lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000916 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	43	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	bitumen cork to wall	1m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000917 (S)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action					
No action required					
Surveyor comments					
N/A					

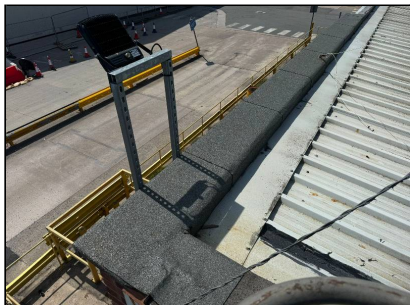
	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	44	Gregory Zander	Demolition Survey	External	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	textile wrap to metal sleeve around downpipe	1lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000918 (S)	Textile (2)	Unsealed (2)	Medium Damage (2)	Routinely disturbed
Material Risk Score					
7					
Recommended action					
Remove if affected by refurbishment/demolition works, otherwise encapsulate/repair and inspect periodically.					
Surveyor comments					
N/A					

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	45	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	bitumen textle wrap to pipework	4lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000919 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

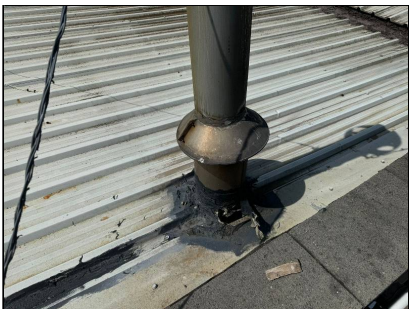
	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	46	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	mastic to window frames	40lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000920 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	47	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	roof felt to emergency exit roof and high level wall	15m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000921 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No action required				
Surveyor comments	N/A				

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	48	Gregory Zander	Demolition Survey	External	N/A
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	limited access behind metal cladding	N/A	Accessibility
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	
	Visual (P)	N/A	N/A	N/A	
	Material Risk Score				
N/A					
Recommended action	Presume ACMs are present until area can be inspected.				
Surveyor comments	specialist tools required to remove panels				

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	49	Gregory Zander	Demolition Survey	External	Chrysotile (1)
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	mastic to flue penetration on roof	1lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000922 (S)	Bitumen (1)	Sealed (0)	Low Damage (1)	Usually inaccessible or unlikely to be disturbed
Material Risk Score					
3					
Recommended action		Remove if affected by refurbishment/demolition works, otherwise inspect periodically.			
Surveyor comments		N/A			

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	50	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	felt flashing to sides of metal roof	30lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000923 (S)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action		No action required			
Surveyor comments		N/A			

Job No.:	J015295	Issue number:	1
Client:	Jaguar Land Rover Limited (Delph)	Address:	Halewood, Speke Boulevard, Liverpool
Surveyor(s):	Gregory Zander	Survey date(s):	19 Jul 2024

	Item No:	Lead Surveyor	Survey Type	Floor	Analysis
	51	Gregory Zander	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Traffic Office	Externals E/01	mastic to brickwork / concrete on roof	2lm	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	KC000924 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action	No action required				
Surveyor comments	N/A				

APPENDIX 3 – AREAS SURVEYED

Building	Floor	Room No:	Room Type	Item
Traffic Office	External	E/01	Externals	N/A
Traffic Office	Ground Floor	G/01	lobby	suspended ceiling tiles compressed cellulose walls brick / plasterboard floor concrete framework wood packers wood boxing wood column metal
Traffic Office	Ground Floor	G/02	storage area	roof cement gutter cement walls brick / plasterboard floor concrete framework wood packers wood boxing wood beams metal high level panels metal / wood pipework plastic
Traffic Office	Ground Floor	G/03	garage	roof cement gutter cement walls brick / plasterboard floor concrete framework wood / metal packers wood boxing wood beams metal high level panels metal / wood pipework plastic
Traffic Office	Ground Floor	G/04	boiler room	roof cement walls brick floor concrete framework wood / metal packers wood vent surround wood beams metal pipework plastic / metal ducting metal cables plastic conduits ceramic pipe lagging MMMF with metal cladding water tank plastic tank plinth wood
Traffic Office	Ground Floor	G/05	store	roof cement walls brick floor concrete framework wood beams / columns metal
Traffic Office	Ground Floor	G/06	store	roof cement walls brick / plasterboard floor concrete framework wood beams metal
Traffic Office	Ground Floor	G/07	store	roof cement walls plasterboard floor concrete framework wood / metal beams metal ducting metal
Traffic Office	Ground Floor	G/08	corridor	roof cement walls plasterboard floor terracotta tiles framework wood / metal beams metal ducting metal
Traffic Office	Ground Floor	G/09	store	timber ceiling walls plasterboard floor terracotta tiles framework wood / metal beams metal ducting metal

Building	Floor	Room No:	Room Type	Item
Traffic Office	Ground Floor	G/10	store	timber ceiling walls plasterboard floor terracotta tiles framework wood / metal beams metal ducting metal
Traffic Office	Ground Floor	G/11	Shower room	roof cement walls ceramic tiles to plasterboard / block floor terracotta tiles framework wood / metal beams metal ducting metal plastic coated timber cubicles and doors
Traffic Office	Ground Floor	G/12	W.C.	mmmf ceiling tiles to metal tracking walls ceramic tiles / plastic panneling to plasterboard / plaster skim to block. floor terracotta tiles framework wood / metal beams metal ducting metal ceramic sanitaryware plastic coated timber cubicles and doors
Traffic Office	Ground Floor	G/13	office	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal timber doors timber skirtings metal pipework and radiator
Traffic Office	Ground Floor	G/14	office	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal metal columns timber doors timber skirtings timber window ledge metal pipework and radiator
Traffic Office	Ground Floor	G/15	lobby	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal metal columns timber doors timber skirtings timber window ledge metal pipework and radiator
Traffic Office	Ground Floor	G/16	office	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal metal columns timber doors timber skirtings timber window ledge metal pipework and radiator
Traffic Office	Ground Floor	G/17	office	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal metal columns timber doors timber skirtings timber window ledge metal pipework and radiator
Traffic Office	Ground Floor	G/18	office	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. floor carpet tiles to concrete framework wood / metal metal columns timber doors timber skirtings timber window ledge metal pipework and radiator
Traffic Office	Ground Floor	G/19	emergency exit	timber roof, plasterboard ceiling brick walls floor carpet tiles to concrete framework wood / metal metal columns timber doors

Building	Floor	Room No:	Room Type	Item
Traffic Office	Ground Floor	G/20	lobby	mmmf ceiling tiles to metal tracking walls plasterboard / plaster skim to block. metal partition wall to gents w.c. floor terracotta tiles framework wood / metal metal columns timber doors timber skirtings tiled window ledge
Traffic Office	Ground Floor	G/21	female w.c.	mmmf ceiling tiles to metal tracking walls ceramic tiles to plasterboard / plaster skim to block. floor terracotta tiles framework wood / metal metal columns timber doors timber skirtings tiled window ledge plastic cistern and toilet seat, ceramic sink.
Traffic Office	Ground Floor	G/22	gents w.c.	mmmf ceiling tiles to metal tracking walls ceramic tiles to plasterboard / plaster skim to block. floor terracotta tiles framework wood / metal metal columns timber doors timber skirtings tiled window ledge ceramic sanitaryware, plastic toilet seat. timber cubicle and door
Traffic Office	Roof Void	R/01	ceiling void above rooms with suspended ceilings	roof cement gutters cement walls brick / plasterboard ducting metal

APPENDIX 4 – ANALYSIS CERTIFICATE(S)

CERTIFICATE OF ANALYSIS

Element Materials Technology Environmental UK LTD. (Registration No: 11371415) Registered Office: 5 Southampton Street, London, United Kingdom, WC2E 7HA | 0203 540 1820 | www.element.com | asbestos@element.com



Client: Jaguar Land Rover Limited (Delph), Halewood, Speke Boulevard, Liverpool

Sampling Location: Halewood, Speke Boulevard, Liverpool

Samples analysed by polarised light microscopy (PLM) in accordance with documented in-house procedures and the method defined in HSG248 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' Element Materials Technology Environmental UK Limited is accredited to ISO/IEC 17025 for asbestos sampling and identification by PLM. The results shown in this table relate only to the samples tested.

Item Number	Date sample taken/received	Date sample analysed	Analyst	Lab	Sample Number	Client Reference or Location of Sample Point	Analyst result	Report Sample Notes
1	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000902	mastic, Ground Floor, lobby	No Asbestos Detected	n/a
2	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000903	damp proof course , Ground Floor, lobby	No Asbestos Detected	n/a
3	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000904	cement , Ground Floor, storage area	Chrysotile	n/a
4	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000905	cement , Ground Floor, storage area	Chrysotile	n/a
5	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000906	mastic, Ground Floor, storage area	No Asbestos Detected	n/a
10	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000907	mastic seal, Ground Floor, garage	Chrysotile	n/a

Analysed & authorised by:

Crystal Davies

Sylwia Frackiewicz

Date of issue:

6 Aug 2024

Issued by:

Stockport

Sampling and analysis of solid (bulk) samples taken by Element Materials Technology Environmental UK Limited: Where asbestos is not positively identified the result is quoted as "none detected" | Sampling of suspected asbestos containing materials is in accordance with in-house documented methods, complying with HSG264: 'Asbestos: The survey guide' | Samples not taken by Element Materials Technology Environmental UK Limited: Results are given in good faith based on the information supplied by the client | No responsibility can be accepted for incorrect information, interpretations, actions or errors or omissions by persons other than Element Materials Technology Environmental UK Limited's staff | Opinions and interpretations expressed herein, including the description of the material are outside the scope of UKAS accreditation | Lab identifiers used in table above indicate location of analysis: CX: Chapelcross • WF: (Flexible scope) Wyfla • SW: (Flexible scope) Sizewell • EK: (Flexible scope) East Kilbride • TW: Trawsfynydd • SP: Stockport | Refer to current UKAS schedules at www.ukas.org for lab address details. | Records of analysis are retained for a period of 6 years | Samples are held within the laboratory location for a minimum of 12 months.

J015295

CERTIFICATE OF ANALYSIS

Element Materials Technology Environmental UK LTD. (Registration No: 11371415) Registered Office: 5 Southampton Street, London, United Kingdom, WC2E 7HA | 0203 540 1820 | www.element.com | asbestos@element.com



Crystal Davies, Sylwia Frackiewicz

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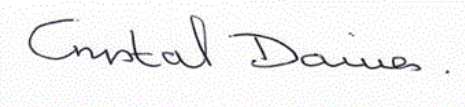
Client: Jaguar Land Rover Limited (Delph), Halewood, Speke Boulevard, Liverpool

Sampling Location: Halewood, Speke Boulevard, Liverpool

Samples analysed by polarised light microscopy (PLM) in accordance with documented in-house procedures and the method defined in HSG248 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' Element Materials Technology Environmental UK Limited is accredited to ISO/IEC 17025 for asbestos sampling and identification by PLM. The results shown in this table relate only to the samples tested.

Item Number	Date sample taken/received	Date sample analysed	Analyst	Lab	Sample Number	Client Reference or Location of Sample Point	Analyst result	Report Sample Notes
12	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000908	gaskets , Ground Floor, boiler room	No Asbestos Detected	n/a
13	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000909	bakelite panel , Ground Floor, boiler room	No Asbestos Detected	n/a
14	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000910	textile gaskets , Ground Floor, boiler room	No Asbestos Detected	n/a
15	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000911	textile gasket, Ground Floor, boiler room	No Asbestos Detected	n/a
24	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000912	red mastic, Ground Floor, Shower room	Chrysotile	n/a
30	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000913	damp proof course , Ground Floor, office	No Asbestos Detected	n/a

Analysed & authorised by:




Date of issue:

6 Aug 2024

Issued by:

Stockport

Sampling and analysis of solid (bulk) samples taken by Element Materials Technology Environmental UK Limited: Where asbestos is not positively identified the result is quoted as "none detected" | Sampling of suspected asbestos containing materials is in accordance with in-house documented methods, complying with HSG264: 'Asbestos: The survey guide' | Samples not taken by Element Materials Technology Environmental UK Limited: Results are given in good faith based on the information supplied by the client | No responsibility can be accepted for incorrect information, interpretations, actions or errors or omissions by persons other than Element Materials Technology Environmental UK Limited's staff | Opinions and interpretations expressed herein, including the description of the material are outside the scope of UKAS accreditation | Lab identifiers used in table above indicate location of analysis: CX: Chapelcross • WF: (Flexible scope) Wyfla • SW: (Flexible scope) Sizewell • EK: (Flexible scope) East Kilbride • TW: Trawsfynydd • SP: Stockport | Refer to current UKAS schedules at www.ukas.org for lab address details. | Records of analysis are retained for a period of 6 years | Samples are held within the laboratory location for a minimum of 12 months.

J015295

CERTIFICATE OF ANALYSIS

Element Materials Technology Environmental UK LTD. (Registration No: 11371415) Registered Office: 5 Southampton Street, London, United Kingdom, WC2E 7HA | 0203 540 1820 | www.element.com | asbestos@element.com



Crystal Davies, Sylwia Frackiewicz

Sampling and analysis of solid (bulk) samples taken by Element Materials Technology Environmental UK Limited: Where asbestos is not positively identified the result is quoted as "none detected" | Sampling of suspected asbestos containing materials is in accordance with in-house documented methods, complying with HSG264: 'Asbestos: The survey guide' | Samples not taken by Element Materials Technology Environmental UK Limited: Results are given in good faith based on the information supplied by the client | No responsibility can be accepted for incorrect information, interpretations, actions or errors or omissions by persons other than Element Materials Technology Environmental UK Limited's staff | Opinions and interpretations expressed herein, including the description of the material are outside the scope of UKAS accreditation | Lab identifiers used in table above indicate location of analysis: CX: Chapelcross • WF: (Flexible scope) Wylfa • SW: (Flexible scope) Sizewell • EK: (Flexible scope) East Kilbride • TW: Trawsfynydd • SP: Stockport | Refer to current UKAS schedules at www.ukas.org for lab address details. | Records of analysis are retained for a period of 6 years | Samples are held within the laboratory location for a minimum of 12 months.

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Client: Jaguar Land Rover Limited (Delph), Halewood, Speke Boulevard, Liverpool

Sampling Location: Halewood, Speke Boulevard, Liverpool

Samples analysed by polarised light microscopy (PLM) in accordance with documented in-house procedures and the method defined in HSG248 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' Element Materials Technology Environmental UK Limited is accredited to ISO/IEC 17025 for asbestos sampling and identification by PLM. The results shown in this table relate only to the samples tested.

Item Number	Date sample taken/received	Date sample analysed	Analyst	Lab	Sample Number	Client Reference or Location of Sample Point	Analyst result	Report Sample Notes
40	19/07/2024	01/08/2024	Sylwia Frackiewicz	Stockport	KC000914	grey mastic, External, Externals	No Asbestos Detected	n/a
41	19/07/2024	02/08/2024	Sylwia Frackiewicz	Stockport	KC000915	mastic, External, Externals	No Asbestos Detected	n/a
42	19/07/2024	02/08/2024	Sylwia Frackiewicz	Stockport	KC000916	mastic, External, Externals	No Asbestos Detected	n/a
43	19/07/2024	02/08/2024	Sylwia Frackiewicz	Stockport	KC000917	bitumen cork, External, Externals	No Asbestos Detected	n/a
44	19/07/2024	02/08/2024	Sylwia Frackiewicz	Stockport	KC000918	textile wrap , External, Externals	Chrysotile	n/a
45	19/07/2024	02/08/2024	Sylwia Frackiewicz	Stockport	KC000919	bitumen textle wrap, External, Externals	No Asbestos Detected	n/a

Analysed & authorised by:

Crystal Davies

Sylwia Frackiewicz

Date of issue:

6 Aug 2024

Issued by:

Stockport

Sampling and analysis of solid (bulk) samples taken by Element Materials Technology Environmental UK Limited: Where asbestos is not positively identified the result is quoted as "none detected" | Sampling of suspected asbestos containing materials is in accordance with in-house documented methods, complying with HSG264: 'Asbestos: The survey guide' | Samples not taken by Element Materials Technology Environmental UK Limited: Results are given in good faith based on the information supplied by the client | No responsibility can be accepted for incorrect information, interpretations, actions or errors or omissions by persons other than Element Materials Technology Environmental UK Limited's staff | Opinions and interpretations expressed herein, including the description of the material are outside the scope of UKAS accreditation | Lab identifiers used in table above indicate location of analysis: CX: Chapelcross • WF: (Flexible scope) Wyfla • SW: (Flexible scope) Sizewell • EK: (Flexible scope) East Kilbride • TW: Trawsfynydd • SP: Stockport | Refer to current UKAS schedules at www.ukas.org for lab address details. | Records of analysis are retained for a period of 6 years | Samples are held within the laboratory location for a minimum of 12 months.

J015295

CERTIFICATE OF ANALYSIS

Element Materials Technology Environmental UK LTD. (Registration No: 11371415) Registered Office: 5 Southampton Street, London, United Kingdom, WC2E 7HA | 0203 540 1820 | www.element.com | asbestos@element.com



Crystal Davies, Sylwia Frackiewicz

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Client: Jaguar Land Rover Limited (Delph), Halewood, Speke Boulevard, Liverpool

Sampling Location: Halewood, Speke Boulevard, Liverpool

Samples analysed by polarised light microscopy (PLM) in accordance with documented in-house procedures and the method defined in HSG248 'Asbestos: The analysts' guide for sampling, analysis and clearance procedures' Element Materials Technology Environmental UK Limited is accredited to ISO/IEC 17025 for asbestos sampling and identification by PLM. The results shown in this table relate only to the samples tested.

Item Number	Date sample taken/received	Date sample analysed	Analyst	Lab	Sample Number	Client Reference or Location of Sample Point	Analyst result	Report Sample Notes
46	19/07/2024	02/08/2024	Crystal Davies	Stockport	KC000920	mastic, External, Externals	No Asbestos Detected	n/a
47	19/07/2024	02/08/2024	Crystal Davies	Stockport	KC000921	roof felt, External, Externals	No Asbestos Detected	n/a
49	19/07/2024	02/08/2024	Crystal Davies	Stockport	KC000922	mastic, External, Externals	Chrysotile	n/a
50	19/07/2024	02/08/2024	Crystal Davies	Stockport	KC000923	felt flashing, External, Externals	No Asbestos Detected	n/a
51	19/07/2024	02/08/2024	Crystal Davies	Stockport	KC000924	mastic, External, Externals	No Asbestos Detected	n/a

Analysed & authorised by:

Date of issue:

6 Aug 2024

Issued by:

Stockport

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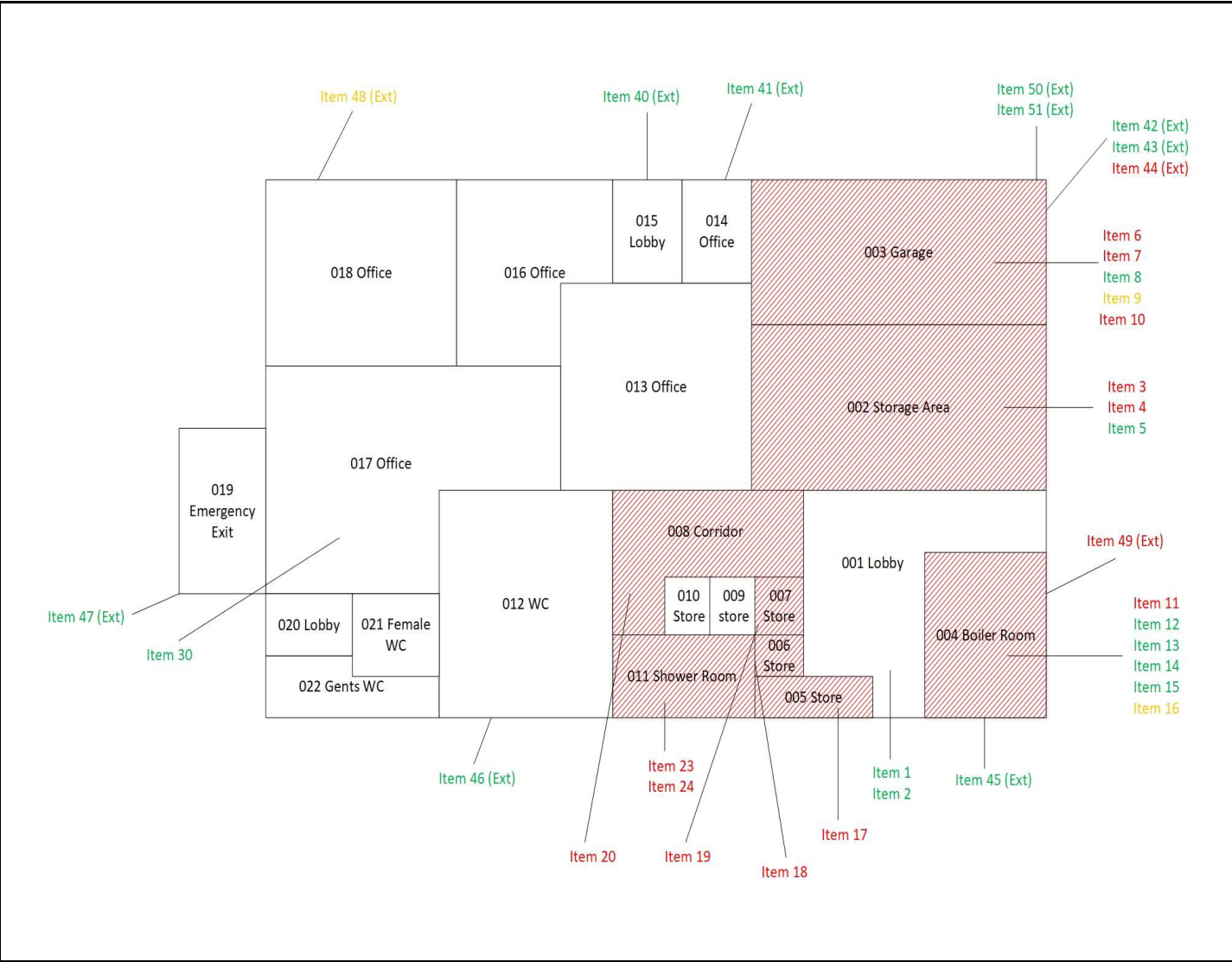


Crystal Davies, Sylwia Frackiewicz

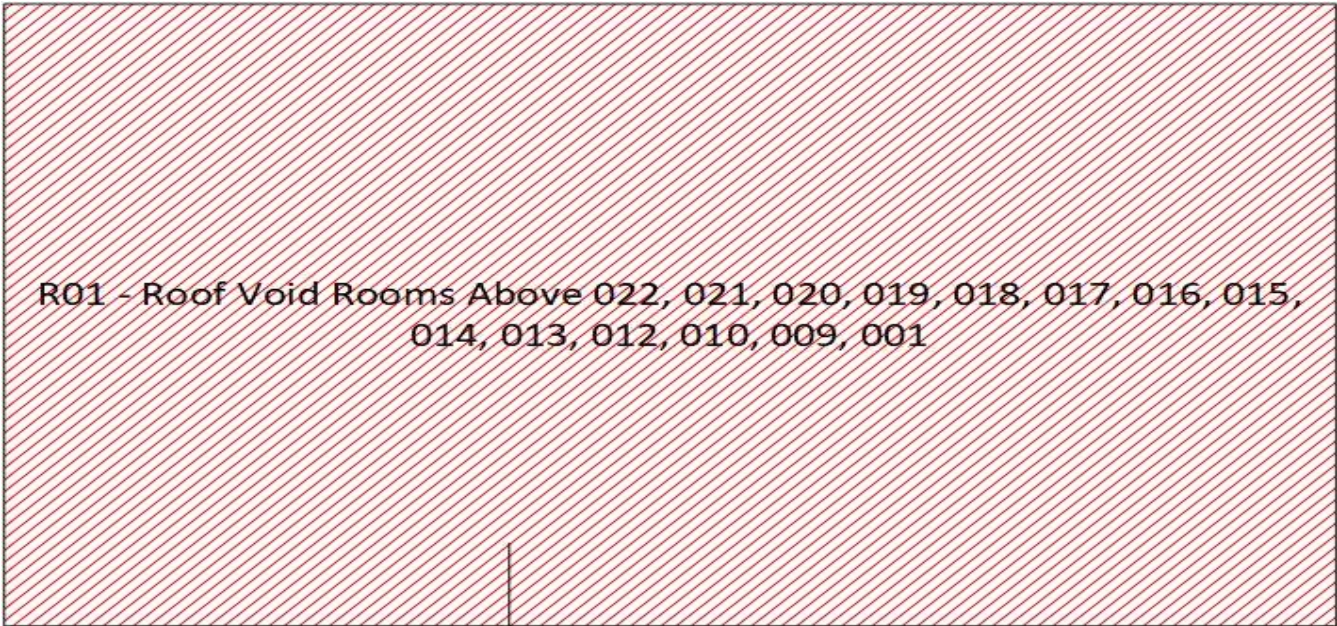
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J015295

APPENDIX 5 – PLANS



Job Number	
J015295	
Client name	
Jaguar Land Rover Limited (Delph)	
Site address	
Halewood Speke Boulevard Liverpool	
Surveyor name(s)	
Gregory Zander	
Date	
19 Jul 2024	
Plan Number	
1 of 2	
Issue No.	
1	
Drawn by	
Gregory Zander	
Building	
Traffic Office	
Floor	
Ground Floor	
Key	
	ACMs Present in Area
	Access Restrictions
001	Positive Sample
001	Negative Sample



R01 - Roof Void Rooms Above 022, 021, 020, 019, 018, 017, 016, 015,
014, 013, 012, 010, 009, 001

Item 36
Item 37
Item 38
Item 39

Job Number	
J015295	
Client name	
Jaguar Land Rover Limited (Delph)	
Site address	
Halewood Speke Boulevard Liverpool	
Surveyor name(s)	
Gregory Zander	
Date	
19 Jul 2024	
Plan Number	
2 of 2	
Issue No.	
1	
Drawn by	
Gregory Zander	
Building	
Traffic Office	
Floor	
Roof Void	
Key	
	ACMs Present in Area
	Access Restrictions
001	Positive Sample
001	Negative Sample