ASBESTOS DEMOLITION SURVEY REPORT

Of

Ready Mix Site,
East Wall,
Dublin 3

On behalf of

RPS Consulting Engineers
# DOCUMENT CONTROL

<table>
<thead>
<tr>
<th>Client</th>
<th>RPS Consulting Engineers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Title</strong></td>
<td>32123 Ready Mix Site, East Wall, Dublin RDAS</td>
</tr>
<tr>
<td><strong>Document Title</strong></td>
<td>Asbestos Demolition Report</td>
</tr>
<tr>
<td><strong>Report No.</strong></td>
<td>32123</td>
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<th>Rev</th>
<th>Status</th>
<th>Author(s)</th>
<th>Revision History</th>
<th>Approved By</th>
<th>Issue Date</th>
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<tr>
<td>D01</td>
<td>Final</td>
<td>Raymond Foran</td>
<td>Initial Release to Client</td>
<td>Paul Foran</td>
<td>01/09/2021</td>
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</tbody>
</table>
Contents

1. Executive summary
2. Scope of the project
3. General site and survey information
4. Conclusions and actions
5. Survey results
1 EXECUTIVE SUMMARY

OHSS carried out an asbestos survey to HSG264 requirements for the purposes of identifying asbestos containing materials in the premises(s) prior to planned demolition. It should be noted that this survey only includes areas within the scope of the survey and should not be read as an extensive assessment of all possible asbestos containing materials (ACMs) in the premises.

The findings of this survey are contained within the summary tables and risk assessment in the results section of this report.

Asbestos was found to be present in the following form:

Asbestos cement slates:
- Asbestos was found to be present in the form of cement slate debris present within the external yard area.

Asbestos bitumen products:
- Asbestos was found to be present in the form of a bitumen sink pad located on the underside of the kitchen sink unit.

Asbestos textiles & gaskets:
- Asbestos was found to be present in the form of asbestos rope present on the generator exhaust pipe in the boiler house.
- Asbestos rope was also found to be present to the sectional seals on the AHU ducting in the plant room, this rope is presumed to be present on all the AHU ducting throughout the building.
- Asbestos paper gaskets were found to be present to the pipework in the boiler house. These gaskets are presumed to be present on all the pipework throughout the building.

Asbestos putty / mastic:
- Asbestos putty / mastic was found to be present to the AHU ducting, this putty / mastic is presumed to be present on all the AHU ducting throughout the building.
The survey undertaken complies with the company’s legal duty to identify the presence of asbestos containing materials and carryout a risk assessment in respect of these materials at the premises. The risk assessment will form part of the overall safety management system for the contractor carrying out any asbestos removal works. The results of the risk assessment must be communicated to the employees and made available to them. This report may be used by the Project Supervisor for Design Process and the designers to highlight the presence of asbestos containing materials found in the buildings.

While every effort has been taken to ensure the accuracy of this report OHSS do not accept responsibility for any omissions or areas of the building not addressed in the report. This report is intended to assist in reducing the possibility of accidents and ill health by bringing to the client’s attention identified asbestos containing materials. Within the constraints of time and resources every effort has been made to identify ACM’s. It is not implied that all other hazards are under control at the time of inspections.

THIS REPORT SHOULD BE READ IN ITS ENTIRETY AND SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF OHSS AND THE CLIENT.

Questions arising from the survey report should be directed, in the first instance, to the author of this report, who will clarify any technical issues raised.

Further information on previous surveys should be sought from the client.
1.1.1 ABBREVIATIONS

Throughout the report the following terms and abbreviations may be used:

ACM  Asbestos containing material.
AND  Asbestos not detected.
MMMF This describes any machine made mineral fibre, fibreglass, Rockwool, ceramic fibres and other such material.
MA   Material Assessment Score as defined in HSG264 relates to the friability of the product. It is used to indicate the level of risk posed by the product.
AIB  Asbestos Insulating Board.
AC   Asbestos Cement
Chrysotile Commonly known as white asbestos.
Amosite Commonly known as brown asbestos.
Crocidolite Commonly known as blue asbestos.
Amphibole Generic name for all asbestos types, excluding Chrysotile.
BOHS  British Occupational Hygiene Society
INAB  Irish National Accreditation Board
2 SCOPE OF WORK

2.1 GENERAL

The scope of the survey included;

OHSS were requested to undertake an asbestos survey of the site prior to the demolition of the structures and the redevelopment of the area.

The purpose of the survey is to identify and risk assess asbestos containing materials (ACM's) in the premises or area where planned demolition works are to take place. The survey aims to provide sufficient information for designers and the project supervisor for design process to take account of identified asbestos risks. The design team must take account of known locations where ACM’s are identified and plan to eliminate the risk or prevent exposure to asbestos during the construction phase. Asbestos is a particular risk within the definitions of “particular risk” in the Safety Health and Welfare at Work (Constructions) Regulations 2013 and should be highlighted in the design risk assessments accompanying the Preliminary Safety and Health Plan.

The surveyor undertook as far as reasonably practicable to, record the location, extent and product type of any presumed or known ACMs. All areas identified in the survey were inspected and the information recorded on the accessibility, condition and surface treatment of any presumed or known ACMs. The asbestos type was identified either by collecting representative samples of suspect materials for laboratory identification, or by making a presumption based on the product type and its appearance.

2.2 BUILDING DETAILS AND CONSTRUCTION TYPE

The site surveyed is a derelict yard containing a number of structures. There is a two storey derelict office building. The office building has concrete floors with masonry external walls. The internal walls are of both blockwork and stud partition construction. The roof is of flat roof construction. There is a free standing sub station.
3 GENERAL SITE AND SURVEY INFORMATION

Client Details: RPS Consulting Engineers
Client Address: RPS Consulting Engineers
West Pier Business Campus,
Dun Laoghaire,
Co Dublin

Site Address: Ready Mix Site,
East Wall,
Dublin 3

Commissioned By: Desmond Keane
Surveyor: Raymond Foran
Staff Consulted during the survey: Desmond Keane

Date of Survey: 16th August 2021
Date of Report: 1st September 2021

Description of the Areas Surveyed: All accessible areas within the scope of the project.

The following areas were not accessed:

Excluded Areas: All areas outside the scope of the project, all live plant and electrical equipment, all areas below the existing ground/floor levels, all areas as identified within the results section of this document.
Survey Methodology: On-site inspection bulk sampling and risk assessment were conducted in accordance with OHSS documented in-house work instructions.

Analysis of asbestos fibres in bulk materials is carried out at the OHSS laboratory. OHSS is accredited to INAB and meet the requirements of International Standard BS EN ISO/IEC 17025 for the analysis of asbestos fibres in bulk materials.

The surveyor conducted a systematic inspection of the nominated areas. Where access for sampling purposes was not possible, a visual assessment has been made if possible. For similar/repetitive elements, a representative bulk sampling protocol has been adopted following visual examination and assessment.

Bulk Samples are obtained using fibre suppression techniques in order to minimise respirable fibre release. Each sample was double bagged, uniquely labelled on site and then returned to the laboratory for analysis using plane and polarised light microscopy and dispersion staining techniques as defined in UK HSE Guidelines HSG248 and the OHSS documented in-house work instructions.

The results of the survey together with the laboratory bulk sample analysis records are given in further sections to this report.

The Safety Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010 allows materials to be ‘presumed’ to contain asbestos. Therefore in the asbestos survey, materials can be presumed to contain asbestos.

There are two levels of ‘presumption’:

- **Strongly presumed**: in this case the material looks as if it is an ACM, or that it might contain asbestos. This conclusion can be reached through visual inspection alone by an experienced, well-trained surveyor, familiar with the range of asbestos products. Examples of ‘strong
presumption’ are:

- where laboratory analysis has confirmed the presence of asbestos in a similar construction material;

- materials in which asbestos is known to have been commonly used in the manufactured product at the time of installation (eg corrugated cement roof and wall sheeting, cement gutters and drainpipes, cement water tanks, ceiling tiles, insulating boards);

- materials which have the appearance of asbestos but no sample has been taken, eg thermal insulation on a pipe where fibres are clearly visible

- where the laboratory has sampled the same material in a different location and subsequent laboratory analysis has found that it does not contain asbestos.

- **Presumed**: is the ‘default’ situation where a material is presumed to contain asbestos because there is insufficient evidence (eg no analysis) to confirm that it is asbestos free, or where a surveyor decides that it is easier under the planned management arrangements to presume certain materials contain asbestos. Many non-asbestos materials will also be presumed to contain asbestos using this system.

There is a further default situation where materials must be presumed to contain asbestos. The default applies to areas which cannot be accessed or inspected. In this situation any area not accessed or inspected must be presumed to contain asbestos, unless there is strong evidence that it does not.

The risk assessment process (also known as risk algorithms) designed by HSE, allow asbestos containing materials to be
ranked according to a Material Assessment algorithm and a HSE have related the scores obtained in the materials assessment algorithms in HSG 264 to a number of risk categories that may be used to guide the employers as to the best course of action to take to mitigate the risk. These are further explained in our risk assessment sheets contained within this report.

These scores can then be ranked and so decisions can be taken as to what actions are required to control the risks from asbestos containing materials during demolition.
4 CONCLUSIONS AND ACTIONS

Where asbestos containing materials were identified in the survey recommendations are provided in the asbestos register and risk assessments. A further explanation of the terms used in the management of asbestos containing materials risks are given below.

Asbestos is a known human carcinogen (cancer causing agent) that was used extensively in Ireland up to 2000 when it was finally banned from use. Asbestos fibres may cause fatal lung disease when inhaled. These diseases are not sudden and may take many years to develop from the first exposures. **Asbestos containing materials constitute a particular risk within the meaning of the Safety Health and Welfare at Work (Construction) Regulations 2006-2013 and should be addressed in the Preliminary Health and Safety Plan by the designers and the Project Supervisor Design Process.**

Asbestos is a fibrous material and has excellent insulating and fire resistant properties. Asbestos was seldom used as pure asbestos fibres but rather combined with other products to add strength and stability or fire resistance to them. Asbestos may be found in products from a few percent up to 90% depending on the type of material.

Asbestos is a hazard to humans but the risks posed by asbestos containing materials (ACM) will depend on the type of ACM found. In simple terms where asbestos products are flaky and would crumble under hand pressure quite easily they are termed friable. The more friable the ACM the more risk there is to the individual handling the material. This is reflected in the material assessment scores in the risk assessments

**No person is permitted to work with asbestos containing materials unless they have received training and have taken all reasonable steps to prevent exposure to asbestos. The requirement for training is detailed in Regulation 17 of the Safety Health and Welfare at Work (Exposure to Asbestos) Regulations, 2006-2010.**
4.1 DEMOLITION OPTIONS

ACM are found in many industrial buildings, hospitals, schools and homes. These materials were installed before 2000 with the peak period for installation occurring from the 1970’s to the late 1980’s. ACM’s installed some 20-30 years ago will vary in condition depending on the type of product and the use of that product. The Safety health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010 requires a managed approach to asbestos containing materials in workplaces. These regulations require employers to identify the presence of asbestos containing materials and to assess the risk posed to workers by these ACM’s based on the likely work activities and the potential for these work activities to disturb ACM’s.

The outcome of these risk assessments are as follows;

1. **Remove**

   Prior to demolition of the building or structure asbestos containing materials must be removed and disposed of by a competent contractor. ACM removal will form part of a construction project and will require careful coordination to be carried out safely. Following removal of the asbestos containing materials a site clearance for re-occupation certificate must be obtained from a competent independent analyst prior to demolition of the structure in accordance with Regulation 15 (10) of the Safety Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010.
4.2 MATERIALS ASSESSMENT SCORING

4.2.1 ASBESTOS RISK ASSESSMENT

Employers are required under the Safety Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010 to perform a risk assessment whenever they identify asbestos containing materials within the working environment. The risk posed by asbestos is determined by the current and potential level of employee exposure to asbestos fibres. The following parameters are used in developing a risk assessment for asbestos containing materials:

4.2.2 ASBESTOS TYPE

There are six regulated types of asbestos. The common names associated with some of the asbestos types are shown in brackets below:

- Crocidolite (Blue Asbestos)
- Amosite (Brown Asbestos)
- Actinolite
- Anthophyllite
- Tremolite
- Chrysotile (White Asbestos)

International studies have identified that they have different potential to cause harm. Crocidolite is the most dangerous and Chrysotile the least.
4.2.3 SURFACE TREATMENT

Surface treatment is a term used to describe how the fibres in the material are protected from release. The safest materials are composites such as cement and plastic where the fibres are contained within a material within a strong matrix. At the other end of the scale are materials that damage easily and have no protective coating such as sprayed asbestos and boiler lagging.

4.2.4 FRIABILITY

Products that damage easily such as sprayed asbestos are clearly more likely to release fibres than strong materials such as cement. This 'likelihood of fibre release' or crumbliness is commonly referred to as friability. Materials with high friability (such as insulation) are higher risk than those with low friability (such as vinyl floor tiles).

4.2.5 CONDITION

Products which are damaged are more likely to release fibres than those in good condition and are ranked according to the extent of damage observed.

4.3 CALCULATING RISK ASSESSMENTS

The Health and Safety Executive developed a risk assessment process within HSG264 which takes these four factors into account and attributes values to each of the factors allowing you to calculate a material risk assessment.

4.3.1 MATERIAL ASSESSMENT ALGORITHM

The material assessment algorithm is commonly used by most surveying organisations to give an indication of how dangerous a material is. Each of the four risk factors (friability, condition, surface treatment and asbestos type) are attributed a score of between 0 and 3 (see below). These scores are accumulated to give a risk score of between 0 and 12 (where 12 is the highest risk).
When using this algorithm it is commonly accepted that materials can be divided into the following risk groups:

<table>
<thead>
<tr>
<th>Material Risk Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12</td>
<td>High risk</td>
</tr>
<tr>
<td>7-9</td>
<td>Medium risk</td>
</tr>
<tr>
<td>5-6</td>
<td>Low risk</td>
</tr>
<tr>
<td>2-4</td>
<td>Very low risk</td>
</tr>
</tbody>
</table>

These are colour coded within our risk assessment as outlined above.
### 4.3.2 HSG264 MATERIAL ASSESSMENT TABLE

<table>
<thead>
<tr>
<th>Sample Variable</th>
<th>Score</th>
<th>Example of Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product type (or debris from product)</strong></td>
<td>1</td>
<td>Asbestos reinforced composites (Plastics, resins, mastics, roofing felts, vinyl floor tiles, semi-rigid paints or decorative finishes, asbestos cement etc)</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Asbestos insulation board, mill boards, other low density boards, asbestos textiles, gaskets, ropes and woven textiles, asbestos paper and felt</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Thermal insulation (pipe and boiler lagging), Sprayed Asbestos, loose asbestos, asbestos mattresses and packing</td>
</tr>
<tr>
<td><strong>Extent of damage / deterioration</strong></td>
<td>0</td>
<td>Good condition: no visible damage</td>
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<tr>
<td></td>
<td>1</td>
<td>Low Damage: a few scratches or surface marks; broken edges on boards, tiles etc</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Medium damage; significant breakage of materials or several small areas where material has been damaged revealing loose asbestos fibres</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>High damage or delamination of materials, sprays or insulation. Visible asbestos debris</td>
</tr>
<tr>
<td><strong>Surface Treatment</strong></td>
<td>0</td>
<td>Composite materials containing asbestos: reinforced plastics, resins, vinyl tiles</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Enclosed sprays and lagging, AIB (with exposed face painted or encapsulated), asbestos cement sheets</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Unsealed AIB, or encapsulated lagging and sprays</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Unsealed lagging and sprays</td>
</tr>
<tr>
<td><strong>Asbestos Type</strong></td>
<td>1</td>
<td>Chrysotile</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Amphibole asbestos excluding crocidolite</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Crocidolite</td>
</tr>
</tbody>
</table>
4.4 REFERENCES

Safety Health and Welfare at Work Act 2005

Safety Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010

Safety Health and Welfare at Work (Construction) Regulations 2013

HSG264 The Survey Guide, HSE Books

HSG248 The Analysts Guide, HSE Books

HSG247 The Contractors Guide, HSE Books
5 SURVEY RESULTS
The following areas were found to contain ACM’s

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>423931</th>
<th>Location</th>
<th>RA:423931 Exterior Yard Floor</th>
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</thead>
<tbody>
<tr>
<td>Type of Product</td>
<td>Asbestos Cement</td>
<td>Quantity</td>
<td>--N\A--</td>
</tr>
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<td>Priority 1: Remove ACM's Prior to Refurbishment or Demolition.</td>
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<td></td>
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<table>
<thead>
<tr>
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<th>423934</th>
<th>Location</th>
<th>RA:423934 Exterior Boiler Room Generator Exhaust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Product</td>
<td>Asbestos Rope</td>
<td>Quantity</td>
<td>--N\A--</td>
</tr>
<tr>
<td>Priority 1: Remove ACM's Prior to Refurbishment or Demolition.</td>
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<tr>
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<th>423915</th>
<th>Location</th>
<th>RA:423915 First Floor Plant Room Ducting</th>
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<tr>
<td>Type of Product</td>
<td>Asbestos Rope</td>
<td>Quantity</td>
<td>--N\A--</td>
</tr>
<tr>
<td>Priority 1: Remove ACM's Prior to Refurbishment or Demolition.</td>
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<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>423935</th>
<th>Location</th>
<th>RA:423935 Exterior Boiler Room Generator Exhaust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Product</td>
<td>Asbestos Paper</td>
<td>Quantity</td>
<td>--N\A--</td>
</tr>
<tr>
<td>Priority 1: Remove ACM's Prior to Refurbishment or Demolition.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The following areas were found to contain ACM’s

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>Location</th>
<th>Type of Product</th>
<th>Quantity</th>
<th>Condition</th>
<th>Surface Treatment</th>
<th>Asbestos Type</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>MA</th>
<th>Recommendations</th>
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</thead>
<tbody>
<tr>
<td>423902</td>
<td>RA:423902</td>
<td>Asbestos Bitumen Products</td>
<td>--N\A--</td>
<td>Low Damage</td>
<td>Composite materials containing asbestos</td>
<td>Chrysotile</td>
<td>RFB20210816002</td>
<td>Sample Taken</td>
<td>3</td>
<td>Priority 1: Remove ACM’s Prior to Refurbishment or Demolition.</td>
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<thead>
<tr>
<th>Risk Assessment</th>
<th>Location</th>
<th>Type of Product</th>
<th>Quantity</th>
<th>Condition</th>
<th>Surface Treatment</th>
<th>Asbestos Type</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>MA</th>
<th>Recommendations</th>
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<tbody>
<tr>
<td>423910</td>
<td>RA:423910</td>
<td>Putty</td>
<td>--N\A--</td>
<td>Good condition</td>
<td>Composite materials containing asbestos</td>
<td>Chrysotile</td>
<td>RFB20210816003</td>
<td>Sample Taken</td>
<td>2</td>
<td>Priority 1: Remove ACM’s Prior to Refurbishment or Demolition.</td>
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### Client and Survey Details

- **Client**: RPS Consulting Engineers
- **Date of Survey**: 16 Aug 2021
- **Site**: Ready Mix Site, Dublin 3
- **Review Survey**: 16 Aug 2022
- **Address**: East Wall, Dublin 3
- **Surveyor**: Raymond Foran
- **Method**: WI-02 & WI-03
- **Report No.**: 32123

### Location Details

- **Building/Area**: Exterior
- **Room/Section**: Yard
- **Location**: Floor
- **Confirmation**: Sample Taken
- **Access**: Full Access
- **Description**: Cement Slate Debris
- **Normal Use**: Yard

### Material Risk Assessment 423931

<table>
<thead>
<tr>
<th>Asbestos Type</th>
<th>Score</th>
<th>Risk Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrysotile &amp; Amosite</td>
<td>2</td>
<td>High Risk</td>
</tr>
<tr>
<td>Type Of Product</td>
<td>1</td>
<td>Medium Risk</td>
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<tr>
<td>Asbestos Cement</td>
<td>3</td>
<td>Low Risk</td>
</tr>
<tr>
<td>Condition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High Damage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>1</td>
<td>Very Low Risk</td>
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<tr>
<td>Asbestos Cement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantity</td>
<td>--N\A--</td>
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**Material Assessment Score**: 7

**Risk Rating**: Medium Risk

### Removal/Encapsulation Estimate

<table>
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<th>Costs</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Labour</td>
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</tr>
<tr>
<td>Equipment</td>
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<tr>
<td>Disposal</td>
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<td>Analytical</td>
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</tbody>
</table>

| Totals         |       |

To be completed by the estimating contractor

### Photograph

![Photograph](image_url)

### Recommendations and Notes

**Priority 1**: Remove ACM’s Prior to Refurbishment or Demolition.

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While every effort was taken to insure the accuracy of this report we do not accept responsibility for any omissions or areas of the building not addressed in the report. This report is intended to assist in reducing the possibility of accidents and ill health by bringing to the client’s attention identified asbestos containing materials. It is not implied that all other hazards are under control at the time of inspections.

QMF 94(b) rev 0
Asbestos Containing Materials Risk Assessment
DEMOLITION Survey
in accordance with HSG264

Unit 2BEaT Centre, Stephenstown Industrial Estate, Balbriggan, Co. Dublin Tel: (01) 6905907 Fax: (01) 8020439 Email: info@ohss.ie Website: www.ohss.ie

Client and Survey Details

<table>
<thead>
<tr>
<th>Client : RPS Consulting Engineers</th>
<th>Date of Survey : 16 Aug 2021</th>
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</thead>
<tbody>
<tr>
<td>Site : Ready Mix Site,</td>
<td>Review Survey : 16 Aug 2022</td>
</tr>
<tr>
<td>Address : East Wall,</td>
<td>Surveyor : Raymond Foran</td>
</tr>
<tr>
<td>Dublin 3</td>
<td>Method : WI-02 &amp; WI-03</td>
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<td></td>
<td>Report No. : 32123</td>
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Location Details

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<th>Building/Area : Exterior</th>
<th>Sample No. : RFB20210816009</th>
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</thead>
<tbody>
<tr>
<td>Room/Section : Boiler Room</td>
<td>Confirmation : Sample Taken</td>
</tr>
<tr>
<td>Location : Generator Exhaust</td>
<td>Access : Full Access</td>
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<tr>
<td>Description : Rope</td>
<td>Normal Use : Boiler Room</td>
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Material Risk Assessment 423934

<table>
<thead>
<tr>
<th>Asbestos Type : Chrysotile</th>
<th>Score</th>
<th>Risk Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type Of Product : Asbestos Rope</td>
<td>1</td>
<td>High Risk</td>
</tr>
<tr>
<td>Condition : Low Damage</td>
<td>2</td>
<td>Medium Risk</td>
</tr>
<tr>
<td>Surface Treatment : Unpainted</td>
<td>3</td>
<td>Low Risk</td>
</tr>
<tr>
<td>Quantity : --N\A--</td>
<td></td>
<td>Very Low Risk</td>
</tr>
<tr>
<td>Material Assessment Score : 7</td>
<td></td>
<td>Medium Risk</td>
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</table>

Material Assessment Score :

Removal/Encapsulation Estimate

To be completed by the estimating contractor

<table>
<thead>
<tr>
<th>Costs</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Labour</td>
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<td>Equipment</td>
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<td>Disposal</td>
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<tr>
<td>Analytical</td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td></td>
</tr>
</tbody>
</table>

Photograph

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QMF 94(b) rev 0
# Asbestos Containing Materials Risk Assessment

## DEMOLITION Survey

in accordance with HSG264

---

### Client and Survey Details

<table>
<thead>
<tr>
<th>Client</th>
<th>Date of Survey</th>
<th>Site</th>
<th>Review Survey</th>
<th>Surveyor</th>
<th>Method</th>
<th>Report No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPS Consulting Engineers</td>
<td>16 Aug 2021</td>
<td>Ready Mix Site</td>
<td>16 Aug 2022</td>
<td>Raymond Foran</td>
<td>WI-02 &amp; WI-03</td>
<td>32123</td>
</tr>
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</table>

### Location Details

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Sample No.</th>
<th>Room/Section</th>
<th>Confirmation</th>
<th>Location</th>
<th>Access</th>
<th>Surveyor</th>
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<tbody>
<tr>
<td>First Floor</td>
<td>RFB20210816005</td>
<td>Plant Room</td>
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<td>Raymond Foran</td>
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<table>
<thead>
<tr>
<th>Description</th>
<th>Normal Use</th>
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<tbody>
<tr>
<td>Rope</td>
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### Material Risk Assessment 423915

<table>
<thead>
<tr>
<th>Asbestos Type</th>
<th>Type Of Product</th>
<th>Condition</th>
<th>Surface Treatment</th>
<th>Quantity</th>
<th>Material Assessment Score</th>
<th>Risk Rating</th>
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</thead>
<tbody>
<tr>
<td>Chrysotile</td>
<td>Asbestos Rope</td>
<td>Good</td>
<td>Unpainted</td>
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### Material Assessment Score

<table>
<thead>
<tr>
<th>Score</th>
<th>Risk Rating</th>
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<tbody>
<tr>
<td>1</td>
<td>High Risk</td>
</tr>
<tr>
<td>2</td>
<td>Medium Risk</td>
</tr>
<tr>
<td>0</td>
<td>Low Risk</td>
</tr>
<tr>
<td>3</td>
<td>Very Low Risk</td>
</tr>
</tbody>
</table>

### Removal/Encapsulation Estimate

To be completed by the estimating contractor

### Photograph

---

### Recommendations and Notes

Priority 1: Remove ACM’s Prior to Refurbishment or Demolition.

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QMF 94(b) rev 0
Asbestos Containing Materials Risk Assessment

DEMOLITION Survey

in accordance with HSG264

Client and Survey Details

Client: RPS Consulting Engineers  
Date of Survey: 16 Aug 2021  
Site: Ready Mix Site  
Review Survey: 16 Aug 2022  
Address: East Wall, Dublin 3  
Surveyor: Raymond Foran  
Method: WI-02 & WI-03  
Report No.: 32123

Location Details

Building/Area: Exterior  
Sample No.: RFB20210816010  
Room/Section: Boiler Room  
Confirmation: Sample Taken  
Location: Generator Exhaust  
Access: Full Access  
Description: Gasket  
Normal Use: Boiler Room

Material Risk Assessment 423935

Asbestos Type: Chrysotile  
Score: 1  
Risk Rating: High Risk  
Type Of Product: Asbestos Paper  
Condition: Good condition  
0  
Low Risk  
Surface Treatment: Gasket  
2  
Very Low Risk  
Quantity: --N\A--  
Material Assessment Score: 5  
Low Risk

Recommendations and Notes

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Client and Survey Details

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Date of Survey : 16 Aug 2021
Site : Ready Mix Site,
Review Survey : 16 Aug 2022
Address : East Wall,
Surveyor : Raymond Foran
Dublin 3
Method : WI-02 & WI-03
Report No. : 32123

Location Details

Building/Area : Ground Floor
Sample No. : RFB20210816002
Room/Section : Kitchen
Confirmation : Sample Taken
Location : Under sink
Access : Full Access
Description : Sink pad
Normal Use : Kitchen

Material Risk Assessment 423902

<table>
<thead>
<tr>
<th>Score</th>
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<tr>
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<td>1</td>
<td>Medium Risk</td>
</tr>
<tr>
<td>1</td>
<td>Low Risk</td>
</tr>
<tr>
<td>0</td>
<td>Very Low Risk</td>
</tr>
</tbody>
</table>

Asbestos Type : Chrysotile
Type Of Product : Asbestos Bitumen Products
Condition : Low Damage
Surface Treatment : Composite materials containing asbestos
Quantity : --N\A--

Material Assessment Score : 3

Removal/Encapsulation Estimate

<table>
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<tr>
<th>Costs</th>
<th>Notes</th>
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Photograph

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<td>Site</td>
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<tr>
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<td>16 Aug 2022</td>
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<tr>
<td>Surveyor</td>
<td>Raymond Foran</td>
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<td>Method</td>
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## Location Details

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<td>Room/Section</td>
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<td>Location</td>
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<td>Office Building</td>
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## Material Risk Assessment 423910

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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<tbody>
<tr>
<td>Asbestos Type</td>
<td>Chrysotile</td>
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<tr>
<td>Type Of Product</td>
<td>Putty</td>
</tr>
<tr>
<td>Condition</td>
<td>Good condition</td>
</tr>
<tr>
<td>Surface Treatment</td>
<td>Composite materials containing asbestos</td>
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<tr>
<td>Quantity</td>
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## Material Assessment Score

<table>
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<tr>
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<tr>
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## Removal/Encapsulation Estimate

To be completed by the estimating contractor

<table>
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<th>Notes</th>
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<tr>
<td>Totals</td>
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</tr>
</tbody>
</table>

## Recommendations and Notes

Priority 1: Remove ACM's Prior to Refurbishment or Demolition.

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**INCOMPLETE ACCESS REGISTER**

The following areas could not be accessed and therefore in accordance with HSG264 should be presumed to contain ACM’s.

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>Location</th>
<th>Notes:</th>
<th>Type of Product</th>
<th>Quantity</th>
<th>Condition</th>
<th>Surface Treatment</th>
<th>Asbestos Type</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>MA</th>
<th>Recommendations</th>
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</thead>
<tbody>
<tr>
<td>423936</td>
<td>RA:423936 All Floors All Areas Live Plant &amp; Electrical Equipment</td>
<td></td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>Presumed ACM Present</td>
<td></td>
<td>Presumed</td>
<td>6</td>
<td>Priority 1: Investigate prior to disturbing</td>
</tr>
<tr>
<td>423939</td>
<td>RA:423939 Exterior ESB Sub Station All Areas</td>
<td>No safe access.</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>Presumed ACM Present</td>
<td></td>
<td>Presumed</td>
<td>6</td>
<td>Priority 1: Investigate prior to disturbing</td>
</tr>
<tr>
<td>423928</td>
<td>RA:423928 Exterior Roof All Areas</td>
<td>No safe access.</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>Presumed ACM Present</td>
<td></td>
<td>Presumed</td>
<td>6</td>
<td>Priority 1: Investigate prior to disturbing</td>
</tr>
<tr>
<td>423929</td>
<td>RA:423929 Exterior Roof Structure All areas</td>
<td>No safe access.</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>--N\A--</td>
<td>Presumed ACM Present</td>
<td></td>
<td>Presumed</td>
<td>6</td>
<td>Priority 1: Investigate prior to disturbing</td>
</tr>
</tbody>
</table>
Asbestos Containing Materials Risk Assessment

DEMOLITION Survey

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QMF 94(e) rev 0

---

### Client and Survey Details

- **Client:** RPS Consulting Engineers
- **Site:** Ready Mix Site,
- **Address:** East Wall,
  Dublin 3
- **Date of Survey:** 16 Aug 2021
- **Review Survey:** 16 Aug 2022
- **Surveyor:** Raymond Foran
- **Method:** WI-02 & WI-03
- **Report No.:** 32123

### Location Details

- **Building/Area:** All Floors
- **Room/Section:** All Areas
- **Location:** Live Plant & Electrical Equipment
- **Confirmation:** Presumed
- **Access:** No Access
- **Normal Use:** Office Building

### Material Risk Assessment 423936

<table>
<thead>
<tr>
<th>Asbestos Type</th>
<th>Score</th>
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</tr>
<tr>
<td>Type Of Product</td>
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<tr>
<td>Condition</td>
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<td>Very Low Risk</td>
</tr>
<tr>
<td>Quantity</td>
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</tbody>
</table>

**Material Assessment Score:** 6

**Risk Rating:** Low Risk

### Removal/Encapsulation Estimate

To be completed by the estimating contractor

<table>
<thead>
<tr>
<th>Costs</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labour</td>
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<td>Analytical</td>
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</table>

<table>
<thead>
<tr>
<th>Totals</th>
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</thead>
</table>

### Recommendations and Notes

**Priority 1:** Investigate prior to disturbing

---

[Image of a photograph showing electrical equipment]
Asbestos Containing Materials Risk Assessment

DEMOLITION Survey

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Address : East Wall,  Surveyor : Raymond Foran
Dublin 3  Method : WI-02 & WI-03

Report No. : 32123

Location Details

Building/Area : Exterior  Sample No. :
Room/Section : ESB Sub Station  Confirmation : Presumed
Location : All Areas  Access : No Access
Description :  Normal Use : Sub Station

Material Risk Assessment 423939

Asbestos Type : Presumed ACM Present  Score  Risk Rating
Type Of Product : --N\A--  6  High Risk
Condition : --N\A--  0  Medium Risk
Surface Treatment : --N\A--  0  Low Risk
Quantity : --N\A--  0  Very Low Risk

Material Assessment Score :  6  Low Risk

Removal/Encapsulation Estimate

To be completed by the estimating contractor

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Recommendations and Notes

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- **Surveyor:** Raymond Foran
- **Method:** WI-02 & WI-03
- **Report No.:** 32123

### Location Details

- **Building/Area:** Exterior
- **Room/Section:** Roof
- **Location:** All Areas
- **Sample No.:**
- **Confirmation:** Presumed
- **Access:** No Access
- **Normal Use:** Office Building

### Material Risk Assessment 423928

<table>
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<tr>
<th>Asbestos Type</th>
<th>Score</th>
<th>Risk Rating</th>
</tr>
</thead>
<tbody>
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<table>
<thead>
<tr>
<th>Type Of Product</th>
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<th>Risk Rating</th>
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<table>
<thead>
<tr>
<th>Surface Treatment</th>
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**Material Assessment Score:** 6

**Low Risk**

### Removal/Encapsulation Estimate

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**Totals**

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Surveyor: Raymond Foran
Dublin 3
Method: WI-02 & WI-03
Report No.: 32123

Location Details

Building/Area: Exterior
Room/Section: Roof Structure
Location: All areas
Description:
Sample No.:
Confirmation: Presumed
Access: No Access
Normal Use: Office Building

Material Risk Assessment 423929

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Material Assessment Score: 6
Low Risk

Removal/Encapsulation Estimate

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<tr>
<td>Totals</td>
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</table>

Photograph

Recommendations and Notes

Priority 1: Investigate prior to disturbing No safe access.
### AREAS INSPECTED

Area(s) inspected during the survey where no ACM’s were identified.

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>423911</th>
<th>Location</th>
<th>RA:423911 Ground Floor Lobby Floor, Walls &amp; Ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Assessment</td>
<td>423912</td>
<td>Location</td>
<td>RA:423912 Ground Floor All Areas Fire Doors</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>423913</td>
<td>Location</td>
<td>RA:423913 First Floor Stairwell Floor, Walls &amp; Ceiling</td>
</tr>
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<td>Risk Assessment</td>
<td>423914</td>
<td>Location</td>
<td>RA:423914 First Floor Plant Room Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>423930</td>
<td>Location</td>
<td>RA:423930 All Floors All Areas Floors &amp; Ceilings</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>423932</td>
<td>Location</td>
<td>RA:423932 Exterior Store Room Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>423933</td>
<td>Location</td>
<td>RA:423933 Exterior Boiler Room Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>Risk Assessment</td>
<td>423916</td>
<td>Location</td>
<td>RA:423916 First Floor Gents Toilets Floor, Walls &amp; Ceiling</td>
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<tr>
<td>Risk Assessment</td>
<td>423917</td>
<td>Location</td>
<td>RA:423917 First Floor Store Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>Risk Assessment</td>
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<td>Location</td>
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<td>Risk Assessment</td>
<td>423921</td>
<td>Location</td>
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</tr>
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<td>Risk Assessment</td>
<td>423922</td>
<td>Location</td>
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<td>Risk Assessment</td>
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<td>Location</td>
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<tr>
<td>Risk Assessment</td>
<td>423924</td>
<td>Location</td>
<td>RA:423924 First Floor Office Floor, Walls &amp; Ceiling</td>
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</table>
AREAS INSPECTED

Area(s) inspected during the survey where no ACM’s where identified.

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>Location</th>
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<tbody>
<tr>
<td>423925</td>
<td>RA:423925 First Floor Stairwell Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423926</td>
<td>RA:423926 Exterior Demolished Building Footprint Floor</td>
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<tr>
<td>423927</td>
<td>RA:423927 Exterior Facades All Areas</td>
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<tr>
<td>Notes:</td>
<td>Badly Overgrown</td>
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<tr>
<td>423903</td>
<td>RA:423903 Ground Floor Room beside Kitchen Floor</td>
</tr>
<tr>
<td>423904</td>
<td>RA:423904 Ground Floor Room beside Kitchen Walls &amp; Ceiling</td>
</tr>
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<td>423905</td>
<td>RA:423905 Ground Floor Electrical Cupboard Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423906</td>
<td>RA:423906 Ground Floor Room Walls &amp; Ceiling</td>
</tr>
<tr>
<td>423907</td>
<td>RA:423907 Ground Floor Room Floor</td>
</tr>
<tr>
<td>423908</td>
<td>RA:423908 Ground Floor Corridor Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>423909</td>
<td>RA:423909 Ground Floor Stairwell Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423888</td>
<td>RA:423888 Ground Floor Stairwell Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423889</td>
<td>RA:423889 Ground Floor Room 1 Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423890</td>
<td>RA:423890 Ground Floor Room 2 Floor, Walls &amp; Ceiling</td>
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<td>423891</td>
<td>RA:423891 Ground Floor Room 3 Floor, Walls &amp; Ceiling</td>
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<td>423892</td>
<td>RA:423892 Ground Floor Room 4 Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423893</td>
<td>RA:423893 Ground Floor Room 5 Floor, Walls &amp; Ceiling</td>
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</table>
**AREAS INSPECTED**

Area(s) inspected during the survey where no ACM’s where identified.

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<tr>
<th>Risk Assessment</th>
<th>Location</th>
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<tbody>
<tr>
<td>423894</td>
<td>RA:423894 Ground Floor Room 6 Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423895</td>
<td>RA:423895 Ground Floor Room 7 Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423896</td>
<td>RA:423896 Ground Floor Room 8 Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423897</td>
<td>RA:423897 Ground Floor Toilets Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>423898</td>
<td>RA:423898 Ground Floor Kitchen Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423899</td>
<td>RA:423899 Ground Floor Shower Room Floor, Walls &amp; Ceiling</td>
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<tr>
<td>423900</td>
<td>RA:423900 Ground Floor Store Walls &amp; Ceiling</td>
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<tr>
<td>423901</td>
<td>RA:423901 Ground Floor Store Floor</td>
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<tr>
<td>423937</td>
<td>RA:423937 Exterior Store Roof</td>
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<tr>
<td>423938</td>
<td>RA:423938 Exterior Boiler Room Pipework</td>
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Client and Survey Details

Client: RPS Consulting Engineers  
Date of Survey: 16 Aug 2021  
Site: Ready Mix Site,  
Review Survey: 16 Aug 2022  
Address: East Wall,  
Surveyor: Raymond Foran  
Dublin 3  
Method: WI-02 & WI-03  
Report No.: 32123

Location Details 423911  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: Lobby  
Location: Floor, Walls & Ceiling  
Description:  
Sample No.:  
Confirmation: --N\A--  
Access: Full Access  
Normal Use: Lobby  
Recommendations: ;

Location Details 423912  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: All Areas  
Location: Fire Doors  
Description: Internals  
Sample No.: RFB20210816004  
Confirmation: Sample Taken  
Access: Full Access  
Normal Use: Office Building  
Recommendations: ;

Location Details 423913  No Asbestos Found

Building/Area: First Floor  
Room/Section: Stairwell  
Location: Floor, Walls & Ceiling  
Description:  
Sample No.:  
Confirmation: --N\A--  
Access: Full Access  
Normal Use: Stairwell  
Recommendations: ;

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## Client and Survey Details

<table>
<thead>
<tr>
<th>Client</th>
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<th>Site</th>
<th>Review Survey</th>
<th>Surveyor</th>
<th>Method</th>
<th>Report No.</th>
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<td>16 Aug 2021</td>
<td>Ready Mix Site, East Wall,</td>
<td>16 Aug 2022</td>
<td>Raymond Foran</td>
<td>WI-02 &amp; WI-03</td>
<td>32123</td>
</tr>
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</table>

## Location Details 423914  No Asbestos Found

<table>
<thead>
<tr>
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<th>Sample No.</th>
<th>Confirmation</th>
<th>Access</th>
<th>Normal Use</th>
<th>Recommendations</th>
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</thead>
<tbody>
<tr>
<td>First Floor</td>
<td>Plant Room</td>
<td>Floor, Walls &amp; Ceiling</td>
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<td>--N\A--</td>
<td>Full Access</td>
<td>Plant Room</td>
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## Location Details 423930  No Asbestos Found

<table>
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<tr>
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<th>Description</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>Access</th>
<th>Normal Use</th>
<th>Recommendations</th>
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</thead>
<tbody>
<tr>
<td>All Floors</td>
<td>All Areas</td>
<td>Floors &amp; Ceilings</td>
<td>Ceiling Tiles</td>
<td>RFB20210816007</td>
<td>Sample Taken</td>
<td>Full Access</td>
<td>Office Building</td>
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## Location Details 423932  No Asbestos Found

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Room/Section</th>
<th>Location</th>
<th>Description</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>Access</th>
<th>Normal Use</th>
<th>Recommendations</th>
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<tr>
<td>Exterior</td>
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<td></td>
<td>--N\A--</td>
<td>Full Access</td>
<td>Store</td>
<td></td>
</tr>
</tbody>
</table>
Materials Risk Assessment
DEMOLITION Survey
in accordance with HSG264

Unit 2BEaT Centre, Stephenstown Industrial Estate, Balbriggan, Co. Dublin Tel: (01) 6905907 Fax: (01) 8020439 Email: info@ohss.ie Website: www.ohss.ie

Client and Survey Details

Client : RPS Consulting Engineers  Date of Survey : 16 Aug 2021
Site : Ready Mix Site,  Review Survey : 16 Aug 2022
Address : East Wall,  Surveyor : Raymond Foran
Dublin 3  Method : WI-02 & WI-03

Report No. : 32123

Location Details 423933  No Asbestos Found

Building/Area : Exterior
Room/Section : Boiler Room
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Boiler Room
Recommendations :

Location Details 423916  No Asbestos Found

Building/Area : First Floor
Room/Section : Gents Toilets
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Toilets
Recommendations :

Location Details 423917  No Asbestos Found

Building/Area : First Floor
Room/Section : Store
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Store
Recommendations :

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Page 39 of 54 Page(s)
### Client and Survey Details

- **Client**: RPS Consulting Engineers  
- **Site**: Ready Mix Site,  
- **Address**: East Wall, Dublin 3  
- **Date of Survey**: 16 Aug 2021  
- **Review Survey**: 16 Aug 2022  
- **Surveyor**: Raymond Foran  
- **Method**: WI-02 & WI-03  
- **Report No.**: 32123

### Location Details 423918  No Asbestos Found

- **Building/Area**: First Floor  
- **Room/Section**: Room  
  - Location: Floor, Walls & Ceiling  
  - Description:  
  - Sample No.:  
  - Confirmation: --N\A--  
  - Access: Full Access  
  - Normal Use: Room  
  - Recommendations:

### Location Details 423919  No Asbestos Found

- **Building/Area**: First Floor  
- **Room/Section**: Office  
  - Location: Floor, Walls & Ceiling  
  - Description:  
  - Sample No.:  
  - Confirmation: --N\A--  
  - Access: Full Access  
  - Normal Use: Office  
  - Recommendations:

### Location Details 423920  No Asbestos Found

- **Building/Area**: First Floor  
- **Room/Section**: Office  
  - Location: Floor, Walls & Ceiling  
  - Description:  
  - Sample No.:  
  - Confirmation: --N\A--  
  - Access: Full Access  
  - Normal Use: Office  
  - Recommendations:

---

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Client and Survey Details

Client : RPS Consulting Engineers  
Date of Survey : 16 Aug 2021

Site : Ready Mix Site,  
Review Survey : 16 Aug 2022

Address : East Wall,  
Surveyor : Raymond Foran

Dublin 3  
Method : WI-02 & WI-03

Report No. : 32123

Location Details 423921  No Asbestos Found

Building/Area : First Floor
Room/Section : Office
Location : Floor, Walls & Ceiling
Description : 
Sample No. : 
Confirmation : --N\A--
Access : Full Access
Normal Use : Office
Recommendations : 

Location Details 423922  No Asbestos Found

Building/Area : First Floor
Room/Section : Office
Location : Floor, Walls & Ceiling
Description : 
Sample No. : 
Confirmation : --N\A--
Access : Full Access
Normal Use : Office
Recommendations : 

Location Details 423923  No Asbestos Found

Building/Area : First Floor
Room/Section : Office
Location : Floor, Walls & Ceiling
Description : 
Sample No. : 
Confirmation : --N\A--
Access : Full Access
Normal Use : Office
Recommendations : 

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QMF 94(h) rev 0
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QMF 94(h) rev 0
## Client and Survey Details

- **Client**: RPS Consulting Engineers
- **Date of Survey**: 16 Aug 2021
- **Site**: Ready Mix Site,
- **Review Survey**: 16 Aug 2022
- **Address**: East Wall,
- **Surveyor**: Raymond Foran
- **Dublin 3**
- **Method**: WI-02 & WI-03
- **Report No.**: 32123

## Location Details 423927  No Asbestos Found

- **Building/Area**: Exterior
- **Room/Section**: Facades
- **Location**: All Areas
- **Description**:
- **Sample No.**:
- **Confirmation**: --N\A--
- **Access**: Partial Access (Notes)
- **Normal Use**: Office Building
- **Recommendations**: Badly Overgrown;

## Location Details 423903  No Asbestos Found

- **Building/Area**: Ground Floor
- **Room/Section**: Room beside Kitchen
- **Location**: Floor
- **Description**: Cream floor tiles
- **Sample No.**: RFB20210816001
- **Confirmation**: Strongly presumed
- **Access**: Full Access
- **Normal Use**: Room
- **Recommendations**: ;

## Location Details 423904  No Asbestos Found

- **Building/Area**: Ground Floor
- **Room/Section**: Room beside Kitchen
- **Location**: Walls & Ceiling
- **Description**:
- **Sample No.**:
- **Confirmation**: --N\A--
- **Access**: Full Access
- **Normal Use**: Room
- **Recommendations**: ;

---

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### Location Details 423905  No Asbestos Found

- **Building/Area**: Ground Floor
- **Room/Section**: Electrical Cupboard
- **Location**: Floor, Walls & Ceiling
- **Description**: 
- **Sample No.**: 
- **Confirmation**: --N\A--
- **Access**: Full Access
- **Normal Use**: Electrical Cupboard
- **Recommendations**: 

### Location Details 423906  No Asbestos Found

- **Building/Area**: Ground Floor
- **Room/Section**: Room
- **Location**: Walls & Ceiling
- **Description**: 
- **Sample No.**: 
- **Confirmation**: --N\A--
- **Access**: Full Access
- **Normal Use**: Room
- **Recommendations**: 

### Location Details 423907  No Asbestos Found

- **Building/Area**: Ground Floor
- **Room/Section**: Room
- **Location**: Floor
- **Description**: Cream floor tiles
- **Sample No.**: RFB20210816001
- **Confirmation**: Strongly presumed
- **Access**: Full Access
- **Normal Use**: Room
- **Recommendations**: 

---

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QMF 94(h) rev 0
Materials Risk Assessment
DEMOLITION Survey
in accordance with HSG264

Unit 2B, EaT Centre, Stephenstown Industrial Estate, Balbriggan, Co. Dublin Tel: (01) 6905907 Fax: (01) 8020439 Email: info@ohss.ie Website: www.ohss.ie

Client and Survey Details

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<tr>
<th>Client</th>
<th>Date of Survey</th>
<th>Site</th>
<th>Review Survey</th>
<th>Surveyor</th>
<th>Method</th>
<th>Report No.</th>
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<tr>
<td>RPS Consulting Engineers</td>
<td>16 Aug 2021</td>
<td>Ready Mix Site,</td>
<td>16 Aug 2022</td>
<td>Raymond Foran</td>
<td>WI-02 &amp; WI-03</td>
<td>32123</td>
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<tr>
<td>Address: East Wall, Dublin 3</td>
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</table>

Location Details 423908  No Asbestos Found

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Room/Section</th>
<th>Location</th>
<th>Description</th>
<th>Sample No.</th>
<th>Confirmation</th>
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<tbody>
<tr>
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<td>Corridor</td>
<td>Floor, Walls &amp; Ceiling</td>
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<td>--N\A--</td>
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<td>Corridor</td>
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Location Details 423909  No Asbestos Found

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Room/Section</th>
<th>Location</th>
<th>Description</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>Access</th>
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<th>Recommendations</th>
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<tbody>
<tr>
<td>Ground Floor</td>
<td>Stairwell</td>
<td>Floor, Walls &amp; Ceiling</td>
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<td></td>
<td>--N\A--</td>
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Location Details 423888  No Asbestos Found

<table>
<thead>
<tr>
<th>Building/Area</th>
<th>Room/Section</th>
<th>Location</th>
<th>Description</th>
<th>Sample No.</th>
<th>Confirmation</th>
<th>Access</th>
<th>Normal Use</th>
<th>Recommendations</th>
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<tbody>
<tr>
<td>Ground Floor</td>
<td>Stairwell</td>
<td>Floor, Walls &amp; Ceiling</td>
<td></td>
<td></td>
<td>--N\A--</td>
<td>Full Access</td>
<td>Stairwell</td>
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</table>

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QMF 94(h) rev 0
### Location Details 423889  No Asbestos Found

<table>
<thead>
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<th>Building/Area</th>
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<tbody>
<tr>
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<td>Location</td>
<td>Floor, Walls &amp; Ceiling</td>
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<tr>
<td>Description</td>
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<tr>
<td>Sample No.</td>
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<tr>
<td>Confirmation</td>
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<tr>
<td>Access</td>
<td>Full Access</td>
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<td>Normal Use</td>
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### Location Details 423890  No Asbestos Found

<table>
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<td>Floor, Walls &amp; Ceiling</td>
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### Location Details 423891  No Asbestos Found

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<td>Room 3</td>
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<tr>
<td>Location</td>
<td>Floor, Walls &amp; Ceiling</td>
</tr>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Sample No.</td>
<td></td>
</tr>
<tr>
<td>Confirmation</td>
<td>--N\A--</td>
</tr>
<tr>
<td>Access</td>
<td>Full Access</td>
</tr>
<tr>
<td>Normal Use</td>
<td>Room</td>
</tr>
<tr>
<td>Recommendations</td>
<td></td>
</tr>
</tbody>
</table>
Client and Survey Details

Client : RPS Consulting Engineers  Date of Survey : 16 Aug 2021
Site : Ready Mix Site,  Review Survey : 16 Aug 2022
Address : East Wall,  Surveyor : Raymond Foran
Dublin 3  Method : WI-02 & WI-03
Report No. : 32123

Location Details 423892  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Room 4
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Room
Recommendations :

Location Details 423893  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Room 5
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Room
Recommendations :

Location Details 423894  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Room 6
Location : Floor, Walls & Ceiling
Description :
Sample No. :
Confirmation : --N\A--
Access : Full Access
Normal Use : Room
Recommendations :

While every effort was taken to insure the accuracy of this report we do not accept responsibility for any omissions or areas of the building not addressed in the report.
This report is intended to assist in reducing the possibility of accidents and ill health by bringing to the client’s attention identified asbestos containing materials.
It is not implied that all other hazards are under control at the time of inspections.
QMF 94(h) rev 0
Client and Survey Details

Client : RPS Consulting Engineers
Site : Ready Mix Site,
Address : East Wall,
         Dublin 3
Date of Survey : 16 Aug 2021
Review Survey : 16 Aug 2022
Surveyor : Raymond Foran
Method : WI-02 & WI-03
Report No. : 32123

Location Details 423895  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Room 7
   Location : Floor, Walls & Ceiling
   Description :
   Sample No. :
   Confirmation : --N\A--
   Access : Full Access
   Normal Use : Room
Recommendations :

Location Details 423896  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Room 8
   Location : Floor, Walls & Ceiling
   Description :
   Sample No. :
   Confirmation : --N\A--
   Access : Full Access
   Normal Use : Room
Recommendations :

Location Details 423897  No Asbestos Found

Building/Area : Ground Floor
Room/Section : Toilets
   Location : Floor, Walls & Ceiling
   Description :
   Sample No. :
   Confirmation : --N\A--
   Access : Full Access
   Normal Use : Toilets
Recommendations :
Client and Survey Details

Client: RPS Consulting Engineers  
Date of Survey: 16 Aug 2021

Site: Ready Mix Site,  
Review Survey: 16 Aug 2022

Address: East Wall,  
Surveyor: Raymond Foran

Dublin 3  
Method: WI-02 & WI-03

Report No.: 32123

Location Details 423898  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: Kitchen

Location: Floor, Walls & Ceiling  
Description:

Sample No.:  
Confirmation: --N\A--

Access: Full Access  
Normal Use: Kitchen

Recommendations:

Location Details 423899  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: Shower Room

Location: Floor, Walls & Ceiling  
Description:

Sample No.:  
Confirmation: --N\A--

Access: Full Access  
Normal Use: Shower Room

Recommendations:

Location Details 423900  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: Store

Location: Walls & Ceiling  
Description:

Sample No.:  
Confirmation: --N\A--

Access: Full Access  
Normal Use: Store

Recommendations:

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It is not implied that all other hazards are under control at the time of inspections.

QMF 94(h) rev 0
Client and Survey Details

Client: RPS Consulting Engineers  
Site: Ready Mix Site,  
Address: East Wall, Dublin 3  
Surveyor: Raymond Foran  
Method: WI-02 & WI-03  
Date of Survey: 16 Aug 2021  
Review Survey: 16 Aug 2022  
Report No.: 32123

Location Details 423901  No Asbestos Found

Building/Area: Ground Floor  
Room/Section: Store  
Location: Floor  
Description: Cream floor tiles  
Sample No.: RFB20210816001  
Confirmation: Sample Taken  
Access: Full Access  
Normal Use: Store  
Recommendations: ;

Location Details 423937  No Asbestos Found

Building/Area: Exterior  
Room/Section: Store  
Location: Roof  
Description: Felt  
Sample No.: RFB20210816012  
Confirmation: Sample Taken  
Access: Partial Access (Notes)  
Normal Use: Store  
Recommendations: ;

Location Details 423938  No Asbestos Found

Building/Area: Exterior  
Room/Section: Boiler Room  
Location: Pipework  
Description: Gasket  
Sample No.: RFB20210816011  
Confirmation: Sample Taken  
Access: Full Access  
Normal Use: Boiler Room  
Recommendations: ;

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This report is intended to assist in reducing the possibility of accidents and ill health by bringing to the client’s attention identified asbestos containing materials. 
It is not implied that all other hazards are under control at the time of inspections.
Sample Analysis
## Test Certificate

**Certificate Number:** 29753  
**Issue No:** 1

### Client Details
- **RPS Consulting Engineers**  
  - Des Keane  
  - West Pier Business Campus,  
  - Dun Laoghaire,  
  - Co Dublin

### Site Details
- **RPS Consulting Engineers**  
  - Des Keane  
  - Ready Mix Site  
  - East Wall,  
  - Dublin 3

<table>
<thead>
<tr>
<th>Sample Reference</th>
<th>Description</th>
<th>Asbestos Detected</th>
<th>Asbestos Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFB20210816.001</td>
<td>Cream floor tile+Adhesive from Store</td>
<td>Asbestos not detected</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.002</td>
<td>Sink pad from Kitchen</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.003</td>
<td>Mastic from AHU Ducting</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.004</td>
<td>Internal board from Fire Doors</td>
<td>Asbestos not detected</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.005</td>
<td>Rope from Plant Room</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.006</td>
<td>Grey floor tile from Demolished Building Footprint</td>
<td>Asbestos not detected</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.007</td>
<td>Ceiling tiles from All Areas</td>
<td>Asbestos not detected</td>
<td>Amosite</td>
</tr>
<tr>
<td>RFB20210816.008</td>
<td>Cement slates from Exterior</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.009</td>
<td>Rope to generator flue from Boiler Room</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.010</td>
<td>Gasket to generator from Boiler Room</td>
<td>Present</td>
<td>Chrysotile</td>
</tr>
<tr>
<td>RFB20210816.011</td>
<td>Gasket to pipework from Boiler Room</td>
<td>Asbestos not detected</td>
<td></td>
</tr>
<tr>
<td>RFB20210816.012</td>
<td>Felt to roof from Store</td>
<td>Asbestos not detected</td>
<td></td>
</tr>
</tbody>
</table>

**Date Received:** 16-Aug-2021  
**Date Tested:** 18-Aug-2021  
**Date Reported:** 18-Aug-2021  
**Job No:** 32123  
**Number of Samples:** 12  
**Specification:** WI 05

### Comments / Deviation from Standard Methods

QMF47 Comment : Notes (Record any Clarification sought from the client regarding sample suitability or anomalies her|-|

1. The Bulk sample(s) referred to above were analysed for asbestos content using dispersion staining and polarised light microscopy in accordance with the requirements of HSG 248 and using OHSS Documented Work Instruction –WI 05 Bulk Sampling Analysis.
2. Any work (removal, repair etc.) involving asbestos containing materials must be carried out in accordance with the Safety Health and Welfare at Work (Exposure to Asbestos) Regulations 2006-2010 or the Control of Asbestos Regulations NI 2012 and all other relevant national legislation.
3. In the case of samples supplied by the client, Occupational Hygiene and Safety Services Ltd. (OHSS) cannot accept responsibility for the sampling strategies employed and the sampling information supplied to OHSS. OHSS cannot accept responsibility for the interpretation of the sampling information contained in this report by any parties. Deviations to our standard methods, where agreed with the client are noted in the Comments section above.
4. OHSS is an INAB accredited laboratory for the sampling and identification of Asbestos containing materials
5. Comments, observations and opinions are outside the scope of INAB accreditation

**Analyst:** Deirdre Corry  
**Signed:** Deirdre Corry  
**For and on authority of OHSS**
Drawings