



## **CBC Asbestos Refurbishment & Demolition Survey Report Boden Close, Corby 16<sup>th</sup> May 2019**



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|  |         |    | 16/05/19  | 26/06/19  |
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# Corby Borough Council – Asbestos Report



## 0.0 Executive Summary

|  |  |
|--|--|
| Site Location  | The site address is Boden Close, Corby.  |
| Site Description   | The site comprises of a shop parade.   |
| Date and type of survey undertaken   | <p>The survey was undertaken to assist with the compliance of the Control of Asbestos Regulations (CAR) 2012. A Corby Borough Council (CBC) Asbestos Refurbishment &amp; Demolition Survey was undertaken in accordance with HSG 264 – The Asbestos Surveyors Guide.</p> <p>The CBC Asbestos Refurbishment &amp; Demolition Survey was conducted on 16<sup>th</sup> May 2019 by Daniel Payne of CBC.</p> <p>Sample analysis techniques were UKAS accredited in accordance with HSG 248 – Asbestos: The Analysts Guide for Sampling, Analysis and Clearance Procedures, 2005.</p>   |
| Summary of Asbestos Containing Materials Identified  | <b>No asbestos was detected following analysis after the survey at this property.</b>  |
| Areas of No Access   | <p>Every effort was made to access all areas of the site. Inaccessible areas and limitations of a CBC Asbestos Demolition / Refurbishment Survey are detailed in Sections 1.3.2 and 4.2 of this report.</p> <p>Inaccessible areas should be presumed to contain asbestos containing materials (ACM's) until such time as an inspection can be made that proves otherwise, as required by the Control of Asbestos Regulations (CAR) 2012.</p>   |
| General Recommendations  | <p>If asbestos containing materials (ACM's) are to remain in-situ across the premises, CAR 2012 requires a Duty Holder be appointed/identified, who will be responsible for producing and implementing an Asbestos Management Plan, as defined by HSG 227.</p> <p>Due to the nature of a CBC Asbestos Refurbishment &amp; Demolition Survey there is always the possibility of asbestos being present within inaccessible areas and those areas outlined within Sections 1.3.2 and 4.2 of the report are outside the scope of this type of survey. If any work is to be carried out within these areas then materials encountered should be presumed to contain asbestos unless there is strong evidence for a reasoned argument that the material does not contain asbestos. This can be achieved by taking a sample and having subsequent analysis undertaken on the sample in accordance with HSG 248.</p> <p>Prior to demolition, refurbishment or any other works that might disturb the asbestos materials identified, they should be removed. It is recommended that a site-specific method statement be produced in order to facilitate the removal of the asbestos. It is advised that a duty holder be appointed to coordinate and oversee the management of asbestos at the site.</p> |
| <p><i>This sheet is intended to provide a summary only of the asbestos survey findings. It does not provide a definitive engineering analysis for the purposes of costing or construction and is subject to the limitations of this CBC Asbestos Refurbishment Survey.</i></p> |  |

## 1.0 Introduction

### 1.1 General

CBC undertook an Asbestos Refurbishment & Demolition Survey at Boden Close, Corby.

Daniel Payne undertook the survey on 16<sup>th</sup> May 2019.

### 1.2 Objectives

A CBC Asbestos Refurbishment & Demolition Survey was undertaken at the site in order to meet the following objectives:

- To identify the presence, location and condition of reasonably accessible asbestos containing materials (ACM's).
- To produce a report to identify areas of confirmed and suspected asbestos and to provide an indication as to their location, condition and extent.

### 1.3 Survey Limitations

1.3.1 Whilst the surveyors made every effort, CBC cannot guarantee that all asbestos containing materials have been identified, or that survey results are definitive. Specific areas of the site where suitable access was not available are recorded in Section 4.2 of this document.

1.3.2 Features that generally fall outside the scope of a CBC Asbestos Refurbishment Survey include:

- Within cavity walls
- Areas behind or above suspect asbestos containing materials
- Within solid concrete floors where asbestos shuttering may have been used
- Areas where asbestos is sandwiched between non-asbestos materials
- Within underground ducts etc. where reasonable access is unavailable
- Within live plant or electrical apparatus
- Beneath the lagging of live pipes
- Areas where access may involve damaging the fabric of the building

1.3.3 A strategy of using representative samples of suspected asbestos materials has been used to minimise the number of samples taken to a practical level and keep to a minimum the disturbance of potential asbestos containing materials at the site. Because of this strategy the results of the survey should be interpreted such that all visually similar materials in the same area must be assumed to be composed of the same material until proven otherwise.

1.3.4 In accordance with The CAR 2012, it must be assumed that materials visually assessed as asbestos containing materials contain amphibole asbestos fibres (i.e. Amosite and Crocidolite), unless sampled to prove otherwise.

## **2.0 Site Details**

### **2.1 Location**

The site address is Boden Close, Corby.

### **2.2 Buildings**

The site comprises of a Shop Parade.

#### **2.2.1 Specific areas included within the survey scope are as follows:**

- Externals – 01 / External

## 3.0 Survey Methodology

- 3.1** A CBC Asbestos Refurbishment & Demolition Survey, based upon the methodology set out in HSG 264 was undertaken. Each accessible area was inspected to locate materials presumed or strongly presumed to contain asbestos, and samples were taken where necessary.
- 3.2** Photographs of each sample location were taken, however where similar materials were identified these are referenced to similar homogeneous materials.
- 3.3** Each sample is assessed using a material assessment algorithm, which assigns a score of risk to each individual ACM based the following criteria:
- Friability;
  - Condition;
  - Surface Treatment;
  - Fibre Type;

Each criterion has various scores and when all the scores for each are added together a value of risk is generated for the material. This is only a requirement of HSG 264 for Asbestos Refurbishment Surveys.

- 3.4** All samples were analysed by a UKAS accredited laboratory using Polarised Light Microscopy and Dispersion Staining techniques in accordance with HSG 248.

## 4.0 Survey Conditions

### 4.1 Access Constraints

- 4.1.1 All areas of the site were assessed (unless stated in Section 4.2) for the presence of ACM's and where ACM's were presumed and/or strongly presumed samples were taken. These presumptions are based upon surveyors experience associated with identification of a particular material.

### 4.2 Areas of No Access

- 4.2.1 The table below identifies areas of no access:

| Area of No Access | Reason |
|-------------------|--------|
|-------------------|--------|

Please refer to Section 1.3.2 for our standard CBC Asbestos Demolition / Refurbishment Survey limitations.

### 4.3 Survey Specific Notes

- 4.3.1 There is always a possibility that asbestos materials other than those highlighted by the report are present in those areas not accessed fully at the time of the survey.
- 4.3.2 Inaccessible areas should be presumed to contain amphibole asbestos and appropriate management planning should be implemented in order to control access and maintenance activities to these areas until such a time as they can be accessed and the presence or absence of asbestos containing materials can be confirmed.
- 4.3.3 A strategy of using representative samples of suspected asbestos materials has been used to minimise the number of samples taken to a practical level and keep to a minimum the disturbance of potential asbestos containing materials. Because of this strategy the results of the survey should be interpreted such that all visually similar materials in the same area must be assumed to be composed of the same material until proven otherwise.
- 4.3.4 In accordance with the Control of Asbestos Regulation 2012, it must be assumed that materials visually assessed as asbestos containing materials contain amphibole asbestos fibres (i.e. Amosite and Crocidolite), unless strongly presumed otherwise or sampled to prove otherwise.
- 4.3.5 Asbestos products and non-asbestos products in some areas of the building are located in close proximity to each other. Care must be taken when removing the asbestos in order that contamination of the non-asbestos materials is not caused, as this will increase disposal costs.
- 4.3.6 Material assessments have been undertaken on the various items inspected. These assessments are carried out according to the material assessment algorithm appended to this report, which is based on the assessment criteria in HSG 264.

## 5.0 Asbestos Register

|              |                       |
|--------------|-----------------------|
| Project Name | Corby Borough Council |
|--------------|-----------------------|

|                |               |
|----------------|---------------|
| Date of Survey | 16th May 2019 |
|----------------|---------------|

| Area   | Feature | Material Type -<br>(Friability) | Photo No. | Asbestos Fibre | Condition / Surface<br>Treatment | Extent | Access / Position | Reference Number<br>/ (Identification) | Risk Band | Recommendations |
|--|---------|---------------------------------|-----------|----------------|----------------------------------|--------|-------------------|--|-----------|-----------------|
| No asbestos was detected following analysis after the survey at this property. |         |                                 |           |                |                                  |        |                   |  |           |                 |

## 6.0 Recommendations

### 6.1 Summary

Survey inspection reports detail the ACM identified, its approximate extent and its priority risk rating, these reports are contained within Appendix B of this report. The asbestos register, Section 5.0 of this report summarises asbestos containing materials and presumed asbestos materials identified during the course of the survey.

### 6.2 Further Investigation

There is a possibility that asbestos material may be present in those areas that were not accessed at the time of the survey.

### 6.3 General

If asbestos removal is required, a site-specific asbestos removal specification, risk assessment and method statement shall be produced in order to facilitate any asbestos removal works.

The waste generated from asbestos removal should be notified and disposed of in accordance with the Hazardous Waste (England & Wales) Regulations 2005.

The contractor must ensure that adequate Duty of Care provisions are put in place for the transportation and disposal of wastes from the site in line with the obligations of the Environmental Protection Act 1990.

In accordance with Regulation 4 of The Control of Asbestos Regulations 2012, it is advised that a management plan is produced and a duty holder be appointed to coordinate and oversee the management of the asbestos at the site.

Where asbestos insulation materials are removed, the building manager should ensure that non-asbestos replacement materials are installed, to maintain fire proofing.

### 6.4 Asbestos Management Plan (AMP)

The Control of Asbestos Regulations 2012 stipulates under Regulation 4, that persons responsible by virtue of ownership, contract or tenancy of a non-domestic premise are responsible for undertaking a suitable and sufficient assessment for the presence of asbestos materials within those premises and implement an appropriate Asbestos Management Plan (AMP).

Areas highlighted in Sections 1.3.2 and 4.2 as areas of 'no access' should be presumed to contain amphibole asbestos and appropriate management planning should be implemented in order to control access and maintenance activities to these areas until such a time as they can be accessed and the presence or absence of asbestos containing materials can be confirmed.

Asbestos materials were encountered in the survey as detailed in Section 5.0. The AMP should stipulate the requirements for working in these areas identified as containing asbestos as well as the areas of 'no access' as stated in Sections 1.3.2 & 4.2. For example the requirements for working in these areas may be a permit to work system, appropriate risk assessments or by other means to ensure people are not exposed to asbestos.

In accordance with Regulation 4 of The Control of Asbestos Regulations 2012, it is advised that a 'Duty Holder' be appointed to coordinate and oversee the management of asbestos at the site. The most appropriate person to be considered to be a Duty Holder is the person responsible for coordinating maintenance activities for the premises.

The Duty Holder has the responsibility to incorporate the results of this survey into an AMP for the building. The Duty Holder must ensure that an appropriate Priority Assessment is undertaken as detailed in HSG 227: [A Comprehensive Guide to Managing Asbestos in Premises, taking into account factors such as:](#)

- **Normal Occupant Activity** – assessment based upon the interaction of occupants and the area being assessed.
- **Likelihood of disturbance** – assessment based upon location of asbestos, its accessibility and quantity of material that has the potential to be disturbed.
- **Human Exposure Potential** – assessment based upon number of occupants, frequency of use and duration of use.
- **Maintenance Activity** – assessment based upon type of maintenance activity and frequency.

Combining the Material Risk Assessment with the Priority Assessment provides an overall assessment with respect to ACM's present within a building. This overall assessment will then determine the management requirements for the building.

CBC can assist in the process of risk assessment to further develop the AMP in accordance with L127 and HSG 227.

## 6.5 MMMF

A number of materials associated with Machine Made Mineral Fibre (MMMF) are present within areas of the building. These materials are covered by the COSHH regulations and persons working on or near these materials should undertake sufficient risk assessments and/or wear appropriate Personal Protective Equipment.

## 7.0 Glossary of Terms

|       |                                      |
|-------|--------------------------------------|
| ACM   | Asbestos Containing Material         |
| AIB   | Asbestos Insulating Board            |
| AMP   | Asbestos Management Plan             |
| CAR   | Control of Asbestos Regulations      |
| CBC   | Corby Borough Council                |
| EA    | Environment Agency                   |
| HSE   | Health and Safety Executive          |
| HSG   | Health and Safety Guidance           |
| MMMF  | Machine Made Mineral Fibre           |
| NADIS | No Asbestos Detected in Sample       |
| UKAS  | United Kingdom Accreditation Service |

## 8.0 References

- |          |   |
|----------|---|
| HSG 264  | Asbestos: The Surveyors Guide, 2012.  |
| HSG 248  | Asbestos: The Analysts Guide for Sampling, Analysis and Clearance Procedures, 2005. |
| CAR 2012 | The Control of Asbestos Regulations 2012.   |

## Appendix A

### Inspection Reports

## Appendix B

### Risk Assessment Criteria

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## Material Risk Assessment

### Material Assessment Algorithm

The material risk assessment algorithm is detailed within HSG 264 and is a requirement for identifying areas of concern in order to develop an Asbestos Management Plan as required by the Control of Asbestos Regulations 2012.

The CBC Algorithm is based upon the HSG 264 algorithm, with the scoring shown below:

|                                     |   |   |
|-------------------------------------|---|---|
| <b>Product type (Friability)</b>    | Reinforced composites (plastics, resins, mastics, roofing felts, vinyl floor tiles, semi rigid paints or decorative finishes, cements, etc) | 1 |
|                                     | AIB, millboards, other low density insulating boards, textiles, gaskets, ropes, woven textiles, paper and felt                              | 2 |
|                                     | Thermal insulation (eg pipe and boiler lagging), sprayed asbestos, loose asbestos, asbestos mattresses and packing                          | 3 |
| <b>Extent of Damage (Condition)</b> | Good: No visible damage   | 0 |
|                                     | Low damage: A few scratches or surface marks, broken edge to boards, etc  | 1 |
|                                     | Medium damage: significant breakage of materials or several small areas where material has been damaged revealing loose asbestos fibres     | 2 |
|                                     | High damage or delamination of materials, spray and thermal insulation. Visible asbestos debris   | 3 |
| <b>Surface Treatment</b>            | Composite materials, reinforced plastics, resins, vinyl tiles   | 0 |
|                                     | Enclosed sprays and lagging, encapsulated AIB, cement, etc  | 1 |
|                                     | Unsealed AIB, encapsulated laggings or sprays   | 2 |
|                                     | Unsealed lagging or spray   | 3 |
| <b>Fibre Type</b>                   | No Asbestos Detected  | 0 |
|                                     | Chrysotile  | 1 |
|                                     | Amosite   | 2 |
|                                     | Crocidolite   | 3 |

Once the score from each criteria is totalled a material assessment score is provided. Generally the higher the score the higher associated risk posed by a particular ACM.

The hazard assessment criterion examines the risk posed by an asbestos material to release fibres that may be inhaled. This factor is the most significant when assessing asbestos. Therefore in order to consider if an asbestos material will release fibres the material assessments considers the type of asbestos, the extent of any damage to the material, whether people will come in contact with the material etc.

These assessments are required to establish an asbestos management plan as it identifies areas of risk in order that procedures can be put in place, remedial works can be undertaken etc.

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## Risk Bands

The total material assessment algorithm value for each item, is compared to Risk Bands as developed by CBC in close consultation with HSG 264. The risk bands are as follows:

**Band A – (10 points or above) – High Risk Material** - Materials in this category pose an immediate risk to anybody in their vicinity and as such, immediate plans for removal should be made. Until Removal can be achieved, access to the location of the material should be restricted and temporary measures to seal or repair the material should be put in place. Affixing asbestos warning labels can provide additional protection prior to removal.

**Risk Band B – (7 – 9 Points) – Medium Risk Material** – Materials in this category require remedial action as soon as reasonably practicable. Action may range from removal to repair, encapsulation and labelling. If left in-situ, the condition of the material should be monitored regularly, ideally as a minimum, at least on a six monthly basis and may require further repair or encapsulation if the condition has deteriorated.

**Risk Band C – (5 – 6 Points) – Low Risk Material** – This category indicates the need for regular monitoring although the current risk of fibre release is low, this material may suffer deterioration through age/accident. It is recommended that asbestos materials in this category be visually inspected on a six monthly basis to ascertain any change in condition. Where such a change occurs the material should be re-prioritisation to Risk Band B will be necessary. Approved warning labels (A Labels) should be positioned to prevent accidental damage to the material.

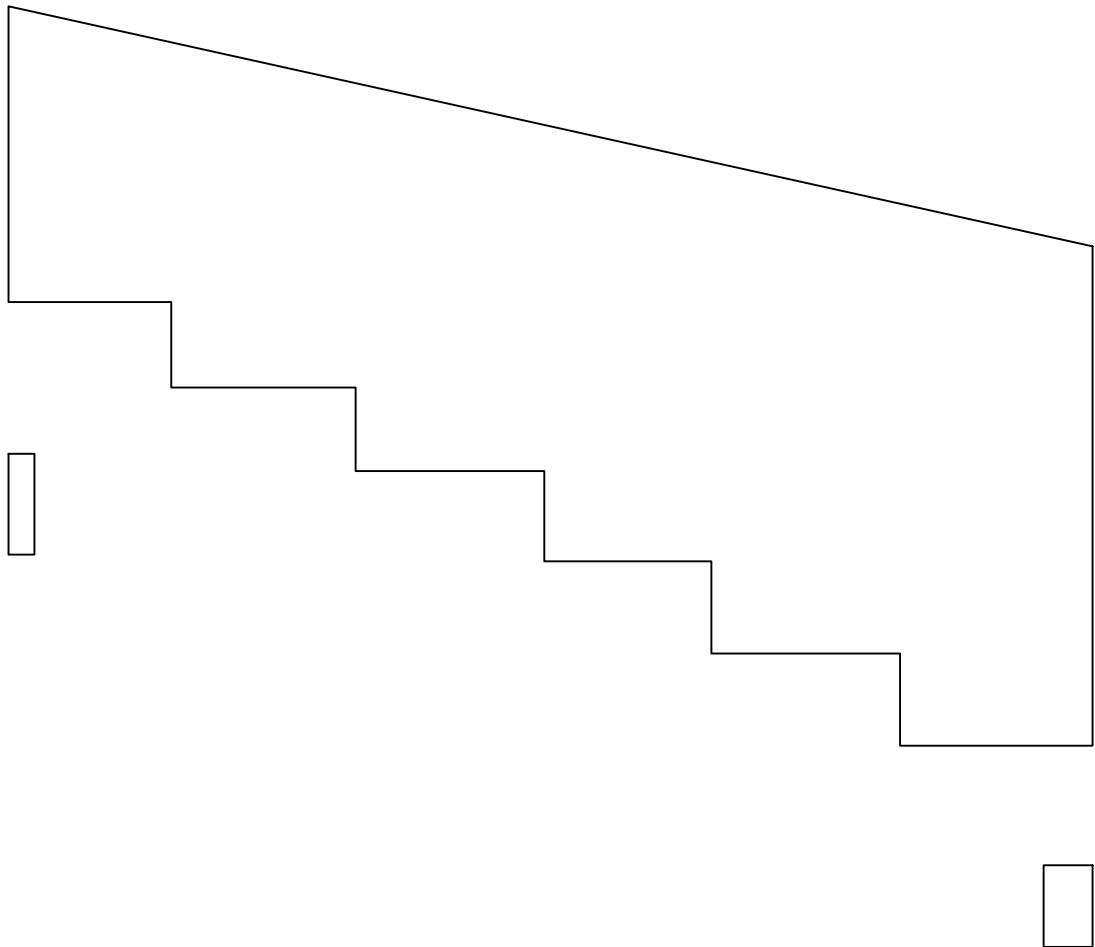
**Risk Band D – (1 – 4 Points) – Very Low Risk Material** – This category indicates Low priority. Visual inspections should be made on an annual basis to ascertain any change in condition. Where such a change occurs re-prioritisation to Risk Band C or B will be necessary. Approved warning labels (A Labels) should be positioned to prevent accidental damage to the material.

**Risk Band E (0 points) – No Asbestos Detected** – No action is required.

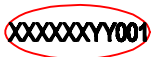


## Appendix C

### Site Sketches

NOTE: SKETCH TO BE READ IN CONJUNCTION WITH THE REPORT



REFERENCE

-  POSITIVE INSPECTION
-  NEGATIVE INSPECTION
-  NO ACCESS



Address:  
Boden Close - shop parade  
Corby

Client Address:  
Depot Fleming Road  
Earlstree industrial Estate, Corby

Drawing Title:  
Corby Borough Council  
Asbestos Survey Plan

|                       |                |                  |               |
|-----------------------|----------------|------------------|---------------|
| Scale of Asbestos Map | Drawn By<br>GP | Checked By<br>GP | Revision<br>1 |
|-----------------------|----------------|------------------|---------------|

## Appendix D

### Analysis Certificates