Cheshire Demolition and Excavation Contractors Ltd

Health & Safety Method Statement – Plan of Work

"Working with Asbestos Containing Material"

Project Details:	
Project:	New Build
Clients Details:	Short Constuction
Location:	21 Didsbury Park, Didsbury, Manchetser, M20 5LH
Duration of the Works:	2 Days
Type of Work to be Carried-Out	**Removal**
Does the Work Need an Asbestos License (if the answer is YES – DO NOT start work appoint a licensed Asbestos Removal Contractor)	No
Is the task Notifiable Non-Licenced Work (NNLW) (work on asbestos-containing textured coatings (Artex), Floor Tiles, and asbestos cement)	Yes
Condition of the Asbestos Cement Sheets	**, Broken**
First Aid:	Site Welfare cabin
Welfare / Decontamination Arrangements	
Start Date	July 27th
Duration Of Works	
Number of Persons Involved In the Works	2 operatives

Introduction

The following Health and Safety Method Statement-Plan of Works addresses all the foreseeable hazards and risks associated with the removal of the Asbestos Cement Sheets.

This Health & Safety Method Statement – Plan of Works defines the procedure, which will be applied to minimise the risks of exposure to Asbestos and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".

To confirm that all Site Operatives have read and fully understand the contents of this Method Statement, they will sign the attached Health and Safety Method Statement Acknowledgement Form.

Prior to the demolition process and/or prior to any major refurbishment, all asbestos is to be removed before any other major work begins, where this is reasonably practicable and does not cause a greater risk to employees than if the asbestos had been left in place.

Prior to commencing the proposed works consult the HSE Decision Flow Chart to identify the correct course of action.

Identified Hazards

- Working at Heights
- Falling Material and People
- Handling & Removal of Asbestos Containing Materials (Bonded Mastics)
- Interaction with other site staff etc.
- Potential Release of Asbestos Fibres (not envisages as the asbestos is encased within the Putty– low risk)
- Working with Hazardous Substances

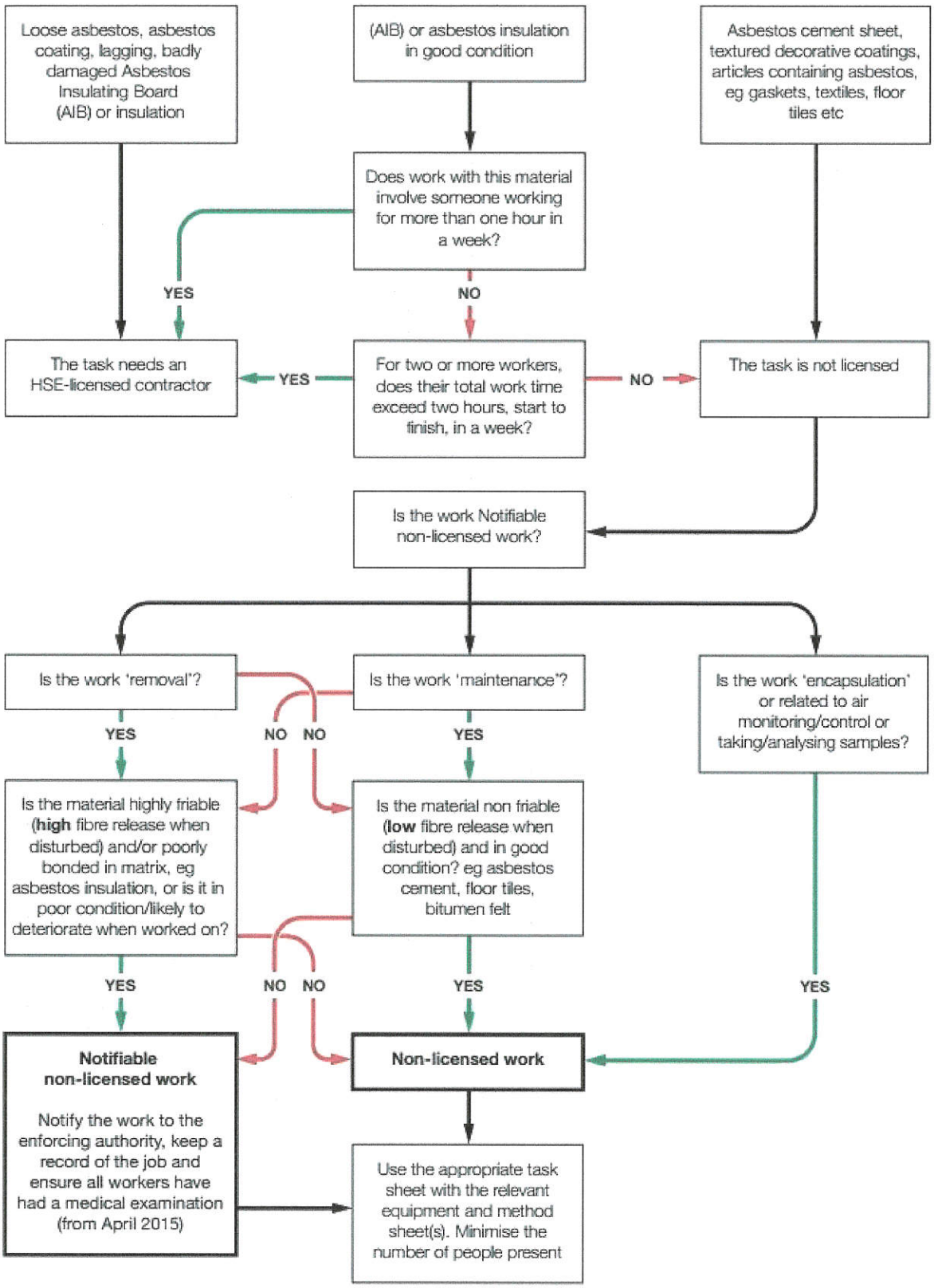
Identifiable Risk = **MEDIUM**

We have identified the foreseeable risk for these operations as a **MEDIUM** risk activity and are of the opinion that due to the potential low risk of fibre release from the Asbestos Cement Sheets, is minimal provided that the Asbestos Cement Sheets are removed complete and that breakages are minimal.

Our Site Foreman will ensure that all personnel are inducted into the contents of this Method Statement, and also into the control measures that are to be enforced by him throughout this activity.

Our site foreman will also induct our site operatives into the contents of the Asbestos Essential Guides a14 Removing asbestos cement (AC) sheets, gutters etc.

HSE DECISION FLOW CHART



Asbestos Control Limits

Control Limits are the maximum number of asbestos fibres that an employee can be exposed to during their work without using specialized breathing apparatus (RPE). They are calculated using different periods of exposure to ensure that neither short nor long-term exposure becomes hazardous.

Employers are required, by law, to prevent employees from exposure that exceeds the Control Limits. Normally this applies to asbestos workers (such as surveyors and asbestos strippers) but it can also be used in other working situations where operatives are known to work in close proximity to asbestos containing materials (ACM) i.e. plumbers, electricians and roofers. They would also be used in a situation where ACM is known to be present in the normal working environment.

How is exposure measured?

Asbestos exposure is measured by testing the air in the working area. Air is drawn through a filter in a specialised 'air pump' and then an asbestos analyst counts the number of fibres present. The analyst can thus calculate the concentration of asbestos fibres in the air.

So if, for example, the pump collects air for 10 minutes, sucking through 20 milliliters' (ml) of air in that period and the analyst finds 200 fibres (f) the concentration is calculated as 10 fibres per milliliter in 10 minutes (total fibres/total milliliters' expressed as 20f/ml).

Table 1. Asbestos exposure Control Limits

Asbestos Type	4 hour limit	10 minute limit	12 week
Chrysotile ONLY	0.3 f/ml	0.9 f/ml	72 fibre hrs/ml2*
Any other	0.2 f/ml	0.6 f/ml	48 fibre hrs/ml2*

*Calculated by adding together all exposures over 12 weeks

How do I keep within these limits?

Clearly those at highest risk work within the asbestos management industry. Such operatives are given adequate training to ensure that they know when they will be exposed and what they need to do to avoid exposure. In most instances their employers will also be licensed or accredited and will need to demonstrate that they regularly carry out air testing and keep precise records of exposure.

Any other workers that are likely to be exposed to asbestos either through the presence of known ACM in their workplace or, through work that is intrusive by nature (i.e. building and demolition) should be given adequate training to ensure that they recognize asbestos materials and avoid exposure. They should also know how to decontaminate themselves should exposure occur. If high-risk ACMs are known to be present in working areas then it is worth getting air tests carried out to ensure that any fibre release is within limits.

WORKING PROCEDURE

- Our staff are experienced and competent to carry out the work in a safe and controlled manner having carried out similar work operations in the past. Our Site Foreman will supervise these work operations and will ensure that the Removal Process is undertaken in line with this Health and Safety Method Statement and the Asbestos Essentials Guides a14.

  Any alterations to this Health and Safety Method Statement must be agreed by all parties including Director, Site Foreman and Site Staff.

- We will undertake the Removal Process with the minimum number of staff working within the affected area of the property/building.

- Access within the working area will be restricted to those carrying out the removal process to this end we will seal all doors and windows and ensure all doors are closed / locked to prevent access into the property/building during removal process.

- We will place Asbestos Warning Tape across entrance doors into the property/building.

- Warning Notices "Asbestos Removal in Progress" will be placed in prominent positions during the removal process i.e. secured to each entrance door.

- Personnel Protective Equipment / Clothing will be worn by our operatives, this will include:-

  - Safety Boots (not laced boots)
  - Disposable Overalls (one size too big)
    - Tape up Cuffs
    - Legs of Overalls over Top of Footwear
    - Wear Hood over Respirator Straps
    - Dispose of Overalls within Asbestos Waste Container

  - Respiratory Protection
  - FF P3 Sunstrom Masks) or pp3 fibre mask
  - Eye Protection (to be worn after fitting Respirator)
  - Gloves (dispose of after use)

- The following equipment will be used by our Operatives during the tile removal process.

  - Access Equipment (not required)
  - 500 and 1000-gauge polythene sheeting and duct tape
  - Warning tape and notices
  - Webbing straps and rope
  - Garden-type sprayer containing wetting agent
  - Bucket of water and rags
  - Asbestos waste container, e.g. labelled polythene sack
  - Clear polythene sacks
  - Lockable skip for larger quantities of waste
  - Asbestos warning stickers

- Once the area is adequately secured and segregated to prevent other persons from entering the area, we will commence the removal of the floor tiles.

- The tiles are considered to be in good condition these can be removed as non-notifiable to the HSE.

- We will remove the broken roofing sheets in line with the **HSEs Asbestos Essentials Task sheet sheets** Removing asbestos materials etc.

- **Description**
- Buried broken asbestos cement roofing sheets aprox 500mm below ground.
- Services have been identified / isolated prior to works.
- Removal enclosures will not be required for this project.
- General "Work in Progress", "asbestos removal in Progress" and Site Reporting Notices will be erected in prominent positions.
- Excavator to remove upper layer of tarmac and stone
- Operatives to hand pick damaged or smaller pieces of asbestos material and place into polypropylene bags marked asbestos, each bag is to be double bag and place placed in skip/ container ready for removal to Licensed Tip, to comply with statutory waste regulations
- During the removal of the roofing sheets water will be applied to the work area in order to minimise dust production.
- To access the areas of the building we will use the appropriate access equipment and safe working platforms this will be determined by the site conditions and access requirements.
- This sequence will be repeated until all of the Asbestos Materials have been removed.
- Our Site Foreman will then make a visual inspection of the area to ensure that all of the Asbestos Materials have been removed and that the area is properly cleaned.
- The Waste Asbestos will then be removed from the area and placed within an containee for removal from site via a Licensed Asbestos Removal Contractor to a Licensed Tip.
- Waste Transfer Notes will be obtained from the waste carrier for inclusion within the Health and Safety Handover File.

CLEARANCE & CHECKING OFF OF WORKING AREA:

- On completion of the removal process our site foreman will visually inspect the areas of work to ensure that the removal of the asbestos has been carried out correctly. Clearance / Air Sampling is not considered to be necessary.
- We will request that the client / client's representative checks off the completed works ensuring that this has been carried out satisfactorily.

Amendments to Method Statement

This Method Statement has been prepared by the Company's Health and Safety Advisor. Any amendments to this Method Statement will be only undertaken by the Advisor and this Statement Superseded.

Where it becomes necessary to amend/alter this Method Statement due to unforeseen circumstances, or changes in site conditions etc., the nominated person in charge of the works will notify any changes to the Company Health and Safety Adviser who will have the authority to rectify the Method Statement.

When the Method Statement is altered/amended all persons employed on the project will sign/initial and date the alteration/amendment.

We have altered/amended this Method Statement to include the following:

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Signed: ---------- Date: ----------

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We have altered/amended this Method Statement by deleting the appropriate paragraphs as indicated throughout this Statement. All deletions have been signed and dated by the appropriate site operatives.

HEALTH & SAFETY METHOD STATEMENT / PLAN OF WORK INDUCTION ACKNOWLEDGMENT FORM

Prepared By: **Mr F.S Swindells**
Date: **May 2019**

All Site Operatives /Subcontractors must ensure they have read and understand all the Information contained within this Health and Safety Method Statement, prior to signing this Acceptance sheet

	Date	Print Name	Company Name	Signature
1.	29/7	S. Leggott	Cheshire Dem	
2.	2017	L Leggott	Cheshire Dem	
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