

Asbestos – Outline Methodology

Prior to any demolition works commencing an asbestos pre-demolition & refurbishment survey has been completed by **Core Surveys, ref 42465, dated June 2022**. Licensed and Non-licensed asbestos containing materials have been identified from the Pre-demolition asbestos survey report, which will all be removed from the site in strict accordance with HSE guidelines.

Non-Licensed Asbestos Removal

Personnel Details

All operatives must be trained to recognise Asbestos Containing Materials and in the methods of their safe removal.

The following protective equipment will be provided as a minimum requirement during asbestos removal in addition to mandatory PPE:

- Half mask (face fitted) with P3 filter
- Category 3, type 5/6 white disposable coveralls
- Non-lace up boots or duct taped laces

Site Set Up

Operatives to erect Asbestos Warning/Caution signs on the outside of the building, these signs are to be erected to entrance doorways, warning persons of the asbestos strip that is ongoing inside.

Operatives to use 1000 gauge polythene to seal up doorways, using tape to fix a sheet of polythene from the top of the door frames down to floor level, cutting a slit in the centre of the inner sheet and leaving the top and bottom 300mm of the sheet, to ensure that the sheet remains intact. For the removal of textured coating a 2 stage airlock shall be implemented prior to the works commencing.

An asbestos “H” VAC hoover unit will be delivered to the site and set up, this will be 110v and be run off of a generator/110v supply.

Removal of Floor Coverings (vinyl floor tiles)

Long handled scrapers and/or 110v tile lifters will be used to remove the vinyl floor tiles. As the vinyl floor tiles are lifted they will be placed directly into asbestos waste sacks which shall then be double bagged and sealed at the top (swan necked & taped) once this has been undertaken the arising shall be removed from the building. We have assumed there is a single layer, if anything is discovered below the tiles then the supervisor will contact our contracts manager prior to taking them up.

Textured Coatings to Ceilings *(Ground floor of offices)*

The site supervisor will visually inspect the rooms/areas that are to be stripped, this inspection will be to ensure that each room/area is completely sealed.

If the site supervisor is satisfied with his inspection, he will issue a Permit to Work for the removal of textured coating.

Operatives will only remove textured coating which is laid onto plasterboard ceilings. To remove the sheets of plasterboard will obviously disturb a proportion of textured coating, after all textured coating has been removed from each room, operatives will use an "H" VAC unit to Hoover the room, the operatives will ensure that they Hoover the tops of window frames and picture rails etc, the operatives will Hoover the tops of all protrusion's where textured coating may have fallen onto, finally the operatives will Hoover the entire floor area of the room.

All asbestos based textured coating will be removed while still attached to the ceilings plaster board, the removed sheets of plasterboard will be wrapped in 1000-gauge polythene and sealed with tape, prior to being wrapped in a second sheet of polythene and again sealed with tape. The sealed packages of textured coating /plasterboard will be carried out of the building and placed into a skip, the skip will be sheeted and transferred to a licensed land fill site, copies of all tipping tickets/consignment notes will be forwarded to the client.

Operatives will work from a scaffold tower and use hand tools to carefully remove the plasterboard ceiling panels, as sections of the ceiling are removed, they will be passed to additional operatives working from the floor area, these operatives will place the material into 1000 gauge polythene sacks, as the sacks are filled, they will be sealed using an adhesive tape, the bags of waste will be stored in the working area, after the removal of the ceiling, the operatives will ensure that all plasterboard nails or fittings that may have textured coating on them are removed from the joists, these will also be placed into a sack and treated as contaminated waste.

REMOVAL/DISPOSAL OF SACKS OF ASBESTOS WASTE

One operative will leave the room, he will wait by the inside of the polythene door flap, this operative will be hoovered off by a work mate, ensuring that all asbestos based fragments are removed from clothing and the bottom of footwear, the operative can now climb through the flap that is incorporated into the polythene in the doorway. The clean operative will stay on the outside of the room, the operative/operatives working from the inside of the room, will Hoover off the bags of asbestos waste and pass them through the polythene flap in the doorway to the operative working outside, all bags of waste will be walked out of the building and placed into a skip.

All disposable coveralls and PPE that have been used by operatives stripping the ACM's has been classed as asbestos waste and disposed of accordingly, the items will be placed into a sack, sealed and placed into the skip.

After the removal of all asbestos from the building, the site supervisor or contracts manager will check all working areas and ensure that they are satisfied that the asbestos based materials have been removed and all areas clean appropriately.

The "Model Statement of Cleanliness" Certificate will be signed, thus showing that the buildings are clear of asbestos and ready for demolition.

Cement Roof Sheets

Prior to removing the roof sheets operatives shall dampen down the roof sheets by using handheld sprayers or by the use of hose pipe. Operatives shall remove the associated roof sheets by the use of small hand tools i.e. bolt croppers, pinch bars. Operatives shall firstly commence to either cut the fixing bolts by the use of bolt croppers, as the fixing bolts are removed this will enable the operatives to gently lift as the sheet is carefully lifted the ecologist shall inspect to ascertain the presence of bats. Once the all clear has been given by the ecologist the operatives shall slide and pass the sheet to operatives at ground level, once one is removed the operatives shall maneuver the MEWP and then transit to the next associated cement panel and re-position the mobile tower scaffold so the fixing bolts can once again be cropped. As the roof sheets are progressively removed operatives shall ensure that all arising are cleared at regular intervals. Trained operatives shall lower all associated panels to 2nd team of trained operatives located at ground level. All removed roof sheets shall be removed from the direct works vicinity at regular intervals and will be transited to designated asbestos waste bin within an agreed location in the material processing area.

This methodology shall be adopted for the entirety of the removal of all bonded asbestos containing materials for all units until completion.

Licensed Asbestos Removal

Wessex shall employ a licensed asbestos removal sub-contractor for removal of all licensable asbestos.

The sub-contractor will submit an ABS5 – 14 day notification to the HSE and shall not begin work until this period has passed.