

3.7 – NON-LICENSED ASBESTOS REMOVAL

Asbestos Floor Tiles

NON- LICENSED ASBESTOS WORK



Description:

REMOVAL OF ASBESTOS CONTAINING FLOOR TILES AND MASTIC

Mandatory Safety Equipment and Personal Protective Equipment:

Safety Boots, Hi-Viz, Helmet, PPE work wear, Safety glasses, Half Face masks, Type 5/6 Coveralls with hood, Nitrile Gloves

- If laced boots are used, operatives will use a piece of adhesive tape to cover the laces of which will be disposed into an asbestos bag when removed

EQUIPMENT REQUIRED:

- | | | |
|--|--|----------------------------|
| • Class H Vacuum Cleaner for Large Areas | • Warning tape and notices | • Bucket of water and rags |
| • Shovel | • Garden type sprayer containing wetting agent | • Floor Scraper |
| • Asbestos waste container | • Asbestos Bags | |

REMOVAL PROCEDURE:

1. Use the floor scraper to scrape and lift the tiles, try avoiding breaking them
2. Wet any asbestos paper tile backing as the tiles are lifted.
3. Gently scrape up adhering mastic
4. Shovel tiles into asbestos bags and seal using tape

CLEANING:

1. Where there are only few tiles removed (<20m²), use damp rags to clean the floor. Clean larger areas with the Class H Vacuum Cleaner
2. Clean the equipment with damp rags
3. Put debris, used rags and other waste in the asbestos bags and seal using adhesive tape
4. Place asbestos bags into waste container ready for transportation off site to a licensed landfill

DISPOSAL:

1. When the asbestos bin is full or all the AC materials have been removed then the bin will be transported off site and disposed of at a licensed landfill.

NON- LICENSED ASBESTOS WORK**Description:****REMOVAL OF AC SHEETS, GUTTERS, ETC AND SMALL AC STRUCTURES****Mandatory Safety Equipment and Personal Protective Equipment:**

Safety Boots, Hi-Viz, Helmet, PPE work wear, Safety glasses, Half Face masks, Type 5/6 Coveralls with hood, Nitrile Gloves

- If laced boots are used, operatives will use a piece of adhesive tape to cover the laces of which will be disposed into an asbestos bag when removed

EQUIPMENT REQUIRED:

- | | | |
|---|--|----------------------------|
| • 1000 Gauge polythene sheeting and duct tape | • Warning tape and notices | • Bolt Cropper |
| • Webbing straps and rope | • Garden type sprayer containing wetting agent | • Bucket of water and rags |
| • Asbestos waste container | • Asbestos Bags | |

REMOVAL:

1. Avoid or minimise breaking AC sheets
2. If fasteners hold the sheets in place, dampen and remove them, and place in asbestos bags
3. If the sheets are bolted in place, dampen and cut the bolts while avoiding contact with the AC
4. Remove the bolts / fixings carefully and place them in the waste container
5. Unbolt, or use cutters to release gutter, drain pipes, ridge caps etc.
6. Lower large pieces to the ground. Don't drop them or use rubble chutes. Stack sheets carefully
7. Where there are several AC sheets and other large items, place them in a lockable skip
8. Double wrap large pieces in 1000-Gauge polythene sheeting. Seal with duct tape
9. Attach asbestos warning stickers
10. Place small pieces in the asbestos waste container

CLEANING:

1. Clean the equipment and the area with damp rags
2. Check for debris in fasteners or bolt holes. Clean with damp rag
3. Put debris, used rags, polythene sheeting and other waste in the waste container

DISPOSAL:

1. When the asbestos bin is full or all the AC materials have been removed then the bin will be transported off site and disposed of at a licensed landfill.

ACCESS: If operatives are working at high level, suitable work platforms are to be used

NON- LICENSED ASBESTOS WORK



Description:

Removal of Asbestos Cement Sheets by Remote demolition

Mandatory Safety Equipment and Personal Protective Equipment:

Safety Boots Hi-Viz, Helmet, PPE work wear, Safety glasses, Half Face masks, Type 5/6 Coveralls with hood, Nitrile Gloves

- If laced boots are used, operatives will use a piece of adhesive tape to cover the laces of which will be disposed into an asbestos bag when removed

EQUIPMENT REQUIRED:

- | | | |
|---------------------------------|--------------------------------|-----------------------------|
| • 1000 Gauge polythene sheeting | • Warning tape and notices | • 360 Excavator |
| • Maintenance Pads | • Background monitoring probes | • Bucket of water and rags |
| • Asbestos waste container | • Asbestos Bags | • Asbestos warning stickers |

PREPERATION:

1. Clear the floor slab of all debris prior to removal
2. Install Reassurance Monitoring probes at various points around the site where appropriate
3. Place maintenance pads in all drains within the vicinity of the structure
4. Dampen asbestos cement sheets

REMOVAL:

1. 360 Excavator with attachment will push the sheets down in onto the buildings floor slab
2. Water will be continuously sprayed on the sheets during this process
3. Skid steer loader / 360 excavator with blade will clear debris into stockpile
4. Skid steer / 360 excavator will load asbestos sheets into asbestos waste container lined with 1000 gauge polythene
5. In the event the asbestos cannot be loaded into a bin the same day, 1000 gauge polythene will be used to cover the stockpile to prevent windswept fibres overnight
6. All loose debris will be pushed into a stockpile and loaded by hand into asbestos waste bags and sealed with duct tape
7. The asbestos bags will then be loaded into the asbestos waste container
8. Lorries will be sheeted over prior to leaving site

CLEANING & DISPOSAL:

5. At the end of each shift the floor slab will be sprayed with PVA solution to seal any loose fibres
6. All operatives will use wet rags to clean themselves and all coveralls will be removed and placed in asbestos waste bags prior to entering any welfare facilities / places where other personnel are situated.
7. All equipment used in the demolition process will be cleaned at the end of each shift

BACKGROUND MONITORING

1. Please see operating procedure "Background Monitoring"

NON- LICENSED ASBESTOS WORK**Description:****REMOVAL OF ASBESTOS FIBRE GASKETS AND ASBESTOS ROPE SEALS****Applicable to:**

All operatives undertaking asbestos removal works

Mandatory Safety Equipment and Personal Protective Equipment:

Safety Boots, Hi-Viz, Helmet, PPE work wear, Safety glasses, Half Face masks, Type 5/6 Coveralls with hood, Nitrile Gloves

- If laced boots are used, operatives will use a piece of adhesive tape to cover the laces of which will be disposed into an asbestos bag when removed

EQUIPMENT REQUIRED:

- Warning Tape and notices
- 1000 - Gauge polythene sheeting and duct tape
- Class H Vacuum Cleaner
- Garden Type Sprayer containing wetting agent
- Bucket of water and rags
- Asbestos waste container
- Asbestos Bags

PROCEDURE:

1. Ensure the system has been made safe (Pipe work emptied, electrical supply isolated)
2. Protect nearby surfaces from contamination using 1000-gauge polythene sheeting and fix using duct tape to non-asbestos surfaces
3. Protect vulnerable components with polythene sheeting

REMOVAL:

1. Unbolt or unscrew the flange, or dismantle the equipment / Use a reciprocating saw to cut either side of the gasket to prevent disturbance of asbestos
2. If unscrewing is required, ensure the asbestos is dampened
3. Ease the gasket / rope seal away using a scraper
4. Keep the surface damp, and ease away asbestos residues

CLEANING:

1. Where there are only few tiles removed, use damp rags to clean the floor. Clean larger areas with the Class H Vacuum Cleaner
2. Clean the equipment with damp rags
3. Put debris, used rags and other waste in the asbestos bags and seal using adhesive tape
4. Place asbestos bags into waste container ready for transportation off site to a licensed landfill

DISPOSAL:

1. When the asbestos bin is full or all the AC materials have been removed then the bin will be transported off site and disposed of at a licensed landfill.

Task specific risks

- 07 - Self Propelled Plant – Operation
- 08 - Self Propelled Plant – Set Up & Maintenance
- 09 - Working at Height
- 10 - Manual Handling
- 19 - Noisy Machinery & Processes
- 20 - Use of Mobile Towers
- 26 - Use of Portable Electrical Equipment
- 28 - Asbestos Containing Materials (ACM) – Manual Removal
- 29 - Asbestos Containing Materials (ACM) – Mechanical Removal
- 46 - Use of Mobile Elevating Work Platforms (MEWP's)