

Date: 06/06/2023

Risk Assessment

Issue Number: 0790

Abrasive wheels

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 1	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Use of grinders during the soft strip phase to remove fixtures and fittings		
Hazards - Burst wheel/disc. - Contact with wheel/disc. - Entanglement in moving parts. - Flying particles from fractured wheel/disc. - Flying particles during cutting or grinding operations. - Flying particles of dust. - Noise. <i>Others:</i>	Risk ratings	
	Without controls	With controls
	Medium	Low
	Medium	Low
	Medium	Low
	Medium	Low
	Medium	Low
	Low	Low
	low	Low
Harm - Lacerations or even fatalities. - Respiratory problems. - Dermatitis. - Noise-induced hearing loss. - Eye injuries.		
Persons in danger - Operatives. - Other workers in the area. - Members of the public.		
Controls - Adequate numbers of operatives should be appointed and trained to change abrasive wheels and discs. - Each appointee should carry proof of authorisation. - Correct type of wheels/discs to suit the type of work and spindle speeds, etc should be available. - Wherever practicable, abrasive wheels should be fitted with working guards designed to contain every part of the wheel if it fractures. - Good ventilation should be in place if dust is a hazard. - Abrasive wheels should be stored in a dry area that is not susceptible to extreme temperatures. - Proper storage facilities for wheels and discs should be available. - All new discs should be inspected for damage before being fitted.		



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- The work area should be kept free of debris underfoot.
- All cutters and grinders should be regularly maintained.
- No loose clothing should be worn.
- A Permit to Work system should be in place for use in potentially flammable or explosive areas.

Personal protective equipment

- Eye protection and hearing protection to the current standards must be worn.
- The use of respiratory equipment and head and foot protection should be worn at all times.
- All PPE will be CE marked and complies with the requirements of the Personal Protective Equipment Regulations 2002.

Method statement required? Yes

Is the task adequately controlled? Yes

Emergency procedures

- Suitable first-aid facilities as required generally for the site must be available.
- If equipment is used in areas where flammable materials are present, suitable extinguishers should be provided.

Monitoring procedures

- Supervisors should ensure control measures are adhered to and consider actual site conditions.

Other items

Signature:



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Access to/egress from site

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 2	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Access to/egress from the site will be via Wavell Road, all skips will be positioned to the side of the buildings, extra care must be given due to high amount of vehicle during rush hour times		
Hazards - Obstruction of areas dedicated to public use. - Collision of haulage vehicles or site-based mobile plant with persons or structures. - Obstruction of assigned emergency access/egress routes. - Variations to established access/egress routes. - Transfer of site-related waste onto pavements or roadways. - Slips, trips and falls from pavement/road surface.	Risk ratings	
	Without controls	With controls
	High	Low
	High	Low
	High	Low
	High	Low
	High	Low
	Medium	Low
Harm - Damage to vehicles or structures. - Injuries, possibly fatal.		
Persons in danger - Site-based personnel. - Visitors to site. - Members of the public, pedestrian and vehicular traffic immediately outside site.		Number of persons in danger
Controls - Procedures should be in place regarding the parking of delivery vehicles in and around the site. - Wherever possible, one-way systems should be established. - Speed restrictions should be clearly established. - A traffic co-ordinator should be appointed for off-site and on-site vehicle/plant movement. - Pedestrian routes should be clearly segregated on site from vehicular/plant routes. - A dedicated pedestrian access/egress route should be established from the site perimeter to the compound area. - Route maps with identification points on site, eg elevation level number, should be clearly displayed if necessary. - Physical barriers should be installed. - Provision should be made for temporary lighting.		



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- Signs and notices should be in place setting out standards and controls.
- Depending on the scope of the site's activity, its location and the duration of the work, it may be necessary to involve the police, the local authorities and the Considerate Constructors Scheme.

Other:

Personal protective equipment

Method statement required? Yes

Is the task adequately controlled? Yes

Emergency procedures

- If a vehicle/plant collides with a structure, suspend operations pending an investigation and an authorised person should provide reports.
- Ensure the site address, including postcode, is prominently displayed for notification to the emergency services.

Monitoring procedures

- The access/egress arrangements should be subject to a point-by-point audit carried out by the principal contractor – the frequency and detail of such an audit should be set down in the health and safety plan. Such an audit should consider the effects of planned tasks, operations and processes, and identify any possible transgressions of controls.

Other items

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Demolition of structures

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 3	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Demolition to the existing buildings using mechanical techniques B1a where scaffolded will be demolished by hand		
Hazards • Collapse of structures. • Exposure to underground services and tanks. • Exposure to overhead services. • Exposure to hazardous materials. • Fire/explosion from exposure to flammable material and gases. • Falls from heights. • Fall through fragile materials. • Falling debris. • Plant and equipment, eg cranes, excavators, etc. • Noise. • Vibration.	Risk ratings	
	Without controls	With controls
	High High High High High High High High High High High	Low Low Low Low Low Low Low Low Low Low Low
Harm • Uncontrolled collapse of whole or part of structure leading to multiple injury or fatality, or damage to adjacent structures. • Cancer, respiratory illness, organ damage. • Serious injury or fatality. • Vibration white finger. • Noise-induced hearing loss.		
Persons in danger • Demolition workers. • Other persons in the vicinity.		Number of persons in danger
Controls • A structural survey should be carried out prior to demolition to establish details of construction and previous uses of the building, in order to choose an appropriate method of demolition: details of components of the structure and their effect on the whole, eg roofs, floors, walls, frames, tie bars, prestressing, counterweighting, arches and other elements giving structural stability; details of basements, cellars, underground storage tanks, etc beneath the structure or adjacent premises, to		



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establish if these need to be filled; details of possible health hazards, eg asbestos/lead; details of weak areas within the structure.

- A method statement must be developed for the job.
- Work should be carried out by competent operatives experienced in demolition work under the control of an experienced, competent supervisor.
- The supervisor and deputy should be on site during working hours.
- Restricted areas and safe distances should be established.
- All services should be disconnected prior to demolition.
- Adequate precautions against accidental collapse of the structure or adjacent structures should be in place.
- Prestressed reinforced concrete should be demolished under supervision of a suitably qualified and experienced engineer.
- Access gates should be secured outside working hours.
- Measures should be taken to protect the public, eg. two-metre-high fence, debris fans, façade netting, etc.
- Information should be sought on contents of tanks, pipes etc.
- Any possible hazardous materials, such as asbestos or lead, should be analysed and removed by specialist contractors.
- Floors should not be overloaded.
- Debris should be cleared at regular intervals.
- All plant and equipment should be suitable for the task, well maintained, and inspected and tested in accordance with legislation.
- Work at heights should be minimised.
- Measures should be taken to protect persons working at height, eg working platforms, harnesses, nets, etc.
- Appropriate personal protective equipment (PPE) should be worn.

Other:

Personal protective equipment

- Respiratory equipment to protect operatives from dust, vapour, fume, gas or other respiratory hazards. FFP3 mask must be worn at all times
- Eye protection to protect from hazards to the eyes, eg projectiles, chemicals, etc.
- Safety helmets.
- Safety boots/shoes.
- Hearing protection.
- Safety harnesses.
- Protective gloves.
- Fire Retardant overalls
- Overalls.

Other:

Method statement required? Yes

Is the task adequately controlled? Yes

Emergency procedures

- Emergency arrangements to be formulated for any foreseeable emergency, eg collapse, explosion, fire, chemical release.



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- All personnel should be trained in these arrangements, which should also be posted on site noticeboards.
- The police, ambulance service and fire brigade should be made aware of likely emergencies.
- The environmental department of the local council should be notified of emergency procedures.
- An area clear of the site should be designated as an assembly point.

Other:

Monitoring procedures

- Management and supervisors to carry out regular workplace inspections.
- Principal contractor to monitor adherence to method statement.
- Method statements and risk assessments should be under constant review.
- Formal review of method statements and risk assessments should be carried out by the principal contractor and demolition contractor at safety meetings.

Other:

Other items

N/A

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Hand tools

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 5	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Tools for removing fixtures and fittings during soft strip, hand tools will also be used to demolish B1a from the scaffold		
Hazards - Loose hammer heads. - Chisels with sharp mushroom heads. - Screwdrivers with split handles or damaged/worn blades. - Files with loose or missing handles. - Blunt cutting tools. - Sparks. - Tools used for the wrong purpose.	Risk ratings	
	Without controls	With controls
	Medium Medium Medium Medium Medium Medium Medium	Low Low Low Low Low Low Low
Harm - Eye injuries from flying pieces of tool or materials. - General cuts and bruises. - Hand/arm injuries from damaged tools. - Fire if flammable materials present. - Musculoskeletal injuries from jarring caused by sudden failure of a tool.		
Persons in danger - The operative. - Other persons from flying particles and parts of failed tools.		Number of persons in danger
Controls - Management must make available the appropriate tools. - Hammer heads should be secure and undamaged. - Files should never be used without a correctly fitted handle. - Sharp edges of tools should be protected when stored or carried, and cutting edges should be kept sharp. - Tools should be kept clean and clear of grease. - Mushroom heads should be removed from chisels by regular grinding. - Screwdrivers and chisels should never be used as pry bars. - The correct type of tool should be selected for the job. - Tools should be returned to the tool-box when not in use.		



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- Damaged tools should be disposed of.
- Hand-tools should be inspected before use.
- If work is done on or near electrical apparatus, properly insulated and non-conductive tools should be used.
- If work is carried out near highly flammable materials or explosive dusts, tools made from non-ferrous metals should be used to avoid fire or explosion from sparks.

Other:

Personal protective equipment

- Eye protection to BS EN 166 should be worn when using metal-cutting or stone-cutting chisels or hammers to drive hardened nails.
- Gloves are advisable when using metal-cutting or stone-cutting chisels.

Other:

Method statement required? Yes

Is the task adequately controlled? Yes

Emergency procedures

- Suitable first-aid facilities as required generally for the site must be available.

Other:

Monitoring procedures

- Supervisors should check the condition of tools at regular intervals and the frequency of checks should be based on the harshness of conditions in which the tools are used and previous experience of the user.

Other:

Other items

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Manual Handling

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource																
Document ref No: 6	Assessed by Jim Wise	Date: 06/06/2023																
Task/operation and location (including any tools/equipment in use) General movement of waste materials to be carried by one/ two operatives into skips. Areas must be clear of debris to prevent trip hazards																		
Hazards • Posture constraints • Weight of materials • Trip hazards. • Variation in floor levels • Hot/ cold room conditions • Poor lighting • Poses and risk to operatives with health problems		Risk ratings <table border="1"> <thead> <tr> <th>Without controls</th> <th>With controls</th> </tr> </thead> <tbody> <tr> <td>Medium</td> <td>Low</td> </tr> <tr> <td>High</td> <td>Low</td> </tr> <tr> <td>Medium</td> <td>Low</td> </tr> <tr> <td>Medium</td> <td>Low</td> </tr> <tr> <td>Medium</td> <td>Low</td> </tr> <tr> <td>Medium</td> <td>Low</td> </tr> <tr> <td>High</td> <td>Low</td> </tr> </tbody> </table>	Without controls	With controls	Medium	Low	High	Low	Medium	Low	Medium	Low	Medium	Low	Medium	Low	High	Low
Without controls	With controls																	
Medium	Low																	
High	Low																	
Medium	Low																	
Medium	Low																	
Medium	Low																	
Medium	Low																	
High	Low																	
Harm • Lacerations or even fatalities. • Damage to muscles/ tendons • Fall from Height																		
Persons in danger • Operatives. • Other workers in the area. • Members of the public.																		
Controls • Instruct operators to remove excess contents (but warn not to lift awkward or heavy objects) and/or seek assistance when moving bins • Review storage area facilities to ensure clear access to bins during works. • Ensure operators have appropriate footwear and protective equipment/ clothing, particularly for adverse weather conditions. • Review training to ensure that operators are aware of the risks. Ensure employees are given suitable induction training and appropriate systems for reporting complaints are in place. Review procedures for return to work following health problems. • Remind operators of importance of clearing suitable path for bin. Review instructions and training on manual handling techniques																		
Personal protective equipment • Eye protection and hearing protection to the current standards must be worn. • The use of respiratory equipment and head and foot protection should be considered. • All PPE will be CE marked and complies with the requirements of the Personal Protective Equipment Regulations 2002. Other:																		



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Method statement required?	Yes	No
Is the task adequately controlled?	Yes	No
Emergency procedures • Suitable first-aid facilities as required generally for the site must be available. • If equipment is used in areas where flammable materials are present, suitable extinguishers should be provided.		
Monitoring procedures • Supervisors should ensure control measures are adhered to and consider actual site conditions.		
Other items		
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Asbestos

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 8	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Removal of asbestos identified in the report to the building's external cladding Full asbestos PPE must be worn		
Hazards - Asbestos dust/fibres. - Falls of persons. - Fragile materials, particularly on roofs where asbestos material has been used in sheets. <i>Other:</i>	Risk ratings	
	Without controls	With controls
	High High High	Low Low Low
Harm - Inhalation possibly causing asbestosis, cancer of the bronchus and of the linings of the chest and abdominal cavities, mesothelioma (cancer of the pleura and peritoneum) or other respiratory disease. - Fatality or general injuries caused by fall through material. <i>Other:</i>		
Persons in danger - Workers carrying out the task. - Third parties exposed to the hazard, including persons living in the area and their families. <i>Other:</i>		Number of persons in danger
Controls - If the presence of asbestos is suspected, a survey should be commissioned to establish the type of asbestos and the nature and extent of any exposure. - If exposure is likely to exceed the "action level", removal and disposal should be carried out by a contractor licensed under regulation 3(1) of the Asbestos (Licensing) Regulations 1983 (SI 1983/1649) (as amended). - Work should be carried out in accordance with a "plan of work" method statement (detailing the nature of the work, location and type of asbestos, likely potential exposure, control measures, personal protective equipment (PPE), emergency procedures and procedures for removal and storage of waste). - Areas should be designated as "asbestos areas" or "respirator zones" as appropriate and clearly marked as such. - Workers who could potentially have been exposed to levels in excess of the "action level" should have undergone a successful examination, including a chest examination, within the previous two years. - Air monitoring should be undertaken. - Access to the hazardous areas should be restricted.		



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- Appropriate PPE and PPE storage facilities should be provided.
- Encapsulation of areas should be considered.
- Medical surveillance should be undertaken where the "action level" is exceeded.
- All equipment contaminated by dust, including extraction and vacuum equipment, etc, should be maintained in a clean and efficient condition.
- Dust suppression by wetting should be used where appropriate.
- Arrangements should be made for the supply of clean clothing.
- Washing/changing facilities should be provided.
- Waste should be placed in a sealed container labelled "asbestos", or in the case of crocidolite "crocidolite/blue asbestos".
- All waste (including protective clothing)should be transported to a suitably licensed tip by a registered carrier.
- If work is carried out at height, suitable precautions should be taken.
- Workers should not eat, drink or smoke in the designated areas.

Other:

Personal protective equipment

- Respiratory equipment (air-fed breathing apparatus) classified as suitable for use in the anticipated exposure.
- Full overalls with hoods and elasticated wrists and ankles.
- Gloves fitting over the elasticated wrists.
- Boots or similar footwear, without laceholes, which cover the ankles.

Other:

Method statement required?	Yes	No
Is the task adequately controlled?	Yes	No

Emergency procedures

- Any contaminated clothing should be sealed in a suitable container.
- Persons exposed to dust should remove clothing and shower.
- The area should be entered and cleaned by trained personnel wearing appropriate personal protective equipment.
- The area should only be reopened after monitoring has proved it is safe to do so.

Other:

Monitoring procedures

- Arrangements for removal and disposal should be monitored by a competent person familiar with the nature of the work and the necessary precautions.
- Air monitoring should be carried out by a qualified analyst.
- Medical surveillance should be undertaken where the "action level" is exceeded.
- Reviews of procedures should be undertaken as agreed or whenever the nature of the work changes.

Other:

Other items

Signature:



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Scissorlifts

Project: Simon House, Wavell Road, Wythenshawe, M22 5RA	Contractor: Jim Wise Demolition	Client: Keysource
Document ref No: 9	Assessed by Jim Wise	Date: 06/06/2023
Task/operation and location (including any tools/equipment in use) Used for removal of asbestos sheets to the former workshops		
Hazards - Personnel traffic in the work area - Forklift traffic in the work area - Debris and material on the warehouse floor - Platform is overloaded from the ground or at height. - Rough terrain or poor ground conditions exist. AWP equipment may exceed manufacturer's recommended slope.	Risk ratings	
	Without controls	With controls
	Medium	Low
	Medium	Low
	Medium	Low
	Medium	Low
	Medium	Low
	Medium	Low
	High	Low
Harm - Lacerations or even fatalities. - Forklifts can run into AWP equipment and tip it over. - Fall from Height		
Persons in danger - Operatives. - Other workers in the area. - Members of the public.		
Controls 1. Train operator/occupant(s). 2. Ensure supervision and monitoring are in place. 3. Choose most appropriate AWP equipment for the work to be performed. 4. Use proper PFPE as required. 5. Vacate/enter an elevated platform only if approved by the manufacturer and then only by following the manufacturer's recommended procedure. 1. Operator performs daily prestart inspection and reports issues immediately. 2. Operator's supervisor monitors that prestart inspections are being performed. 3. AWP equipment is tagged out of service and secured until service/repairs are completed. 4. Operator addresses machine issues immediately during use. 1. Select the most appropriate AWP equipment with a rated slope for the work area. 2. Select a machine with outriggers and leveling devices that can address the workplace conditions. 3. Outriggers, stabilizers, extendable axles, oscillating axles or other stability-enhancing devices must be deployed and locked as required by the manufacturer. 1. Avoid hanging any material outside the work platform. 2. Maintain a clean and orderly work area; do not allow hanging objects in the work area of the AWP equipment.		
Other:		



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Personal protective equipment • Eye protection and hearing protection to the current standards must be worn. • The use of respiratory equipment and head and foot protection should be considered. • All PPE will be CE marked and complies with the requirements of the Personal Protective Equipment Regulations 2002. <i>Other:</i>		
Method statement required?	Yes	No
Is the task adequately controlled?	Yes	No
Emergency procedures • Suitable first-aid facilities as required generally for the site must be available. • If equipment is used in areas where flammable materials are present, suitable extinguishers should be provided. <i>Other:</i>		
Monitoring procedures • Supervisors should ensure control measures are adhered to and consider actual site conditions. <i>Other:</i>		
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I have read and understood the risks involved and how to implement actions to control different risk on site

[illegible]