

Address:	Wardle Industrial Estate, Green Lane, Wardle, Cheshire, CW5 6DB	Rev No	0
Site Address:	39-45 High St., Prescott, L34 6HF		
Principal Contractor:	Nick Brookes Demolition Ltd.		
Client:	Michele Varmen (Ray's Craft Bakery)		
Contracts Director:	Paul Cryer	01829 260687	
SHE Manager Author:	Stuart Crump	01829 262024 07703 828253	
Duration:	4-6 weeks	Issued:	11/07/2022
		Start Date:	October 2022

Scope and Methodology of Works:

Description and methodology of project

Demolition of main bakery retaining front shop for future use, following written confirmation of service disconnections (carried out by Nick Brookes subcontractor), asbestos survey and confirmation of all project notifications as applicable. Labour will involve up to 6 persons lead by a Supervisor trained to CCDO/SMSTS standard. Up to 4 items of plant required, excavators, grabs, dump trucks etc. Hand tools required such as mattocks, hammers crowbars etc.

Soft strip involves removal of furniture, doors, frames, fixtures etc. these are removed prior to mechanical demolition commencing. Various hand tools used following best practices and training.....

All materials to be removed from site to licensed waste facilities

After separation of bakery from shop all further brickwork to be carried out by builder employed by client



Control Measures

Access

- Access will be off A57 at rear of public car park . Site entrance will remain secure when unmanned.
- Unauthorised access not permitted onto site and the perimeter will be secured with fencing at least 2m high with safety/warning signage displayed to entrance and periodically to perimeter along with NB contact details
- Pedestrian routes and access will be established as far as practicable with an aim of keeping pedestrians clear of mobile plant and vehicle routes
- A traffic management plan will be established and maintained with a designated 5mph speed limit established throughout site
- Site perimeter checked at close of each shift and prior to commencing daily
- Buildings and skips where accessible safely will be checked at the start of each shift to ensure no homeless or intruders on site
- Everyone to undertake induction training and be aware of the sites safety arrangements prior to being allowed on to site and sign the register on completion
- Any person who isn't inducted to be escorted whilst on site or made aware via instruction on limitations of access
- Vehicle movements to be banked into demolition areas and in/out of site entrance
- Designated parking areas to be established at locations to minimise vehicle movements on site
- Traffic plan displayed in site office
- Hazard beacons used mirrors and secondary visual audible aids in place and correctly adjusted
- Machines parked clear of combustible materials at end of shift, locked and left secure, interlinking or blocking one another in where possible
- Mobile plant delivered and offloaded within confines of site where possible, banksman oversee operations where loading and unloading external of site can't be avoided
- Access lighting provided where needed
- Access and escape routes maintained clear and unobstructed at all times throughout the works
- High visibility tops, safety footwear and head protection to be worn

Asbestos

- All staff have had a medical examination for notifiable non-licensed Asbestos removal within the last three years and receive training and refresher training normally annually
- Staff aware of safe working methods that minimise exposure and spread of asbestos
- Asbestos is dampened prior to and during removal and placed in designated skips which have warning signs affixed and are kept locked
- Personal and/or background monitoring undertaken as deemed necessary
- Smaller fragments are double bagged and taped up in correct red/clear asbestos marked bags
- Staff aware to wear RPE with straps under hoods to enable removal last and turn disposable coveralls inside out during removal. Staff know to wear correct FFP3/P3 RPE as face fit tested to and arrive clean shaven daily
- Disposable PPE is bagged and discarded as asbestos waste and reusable PPE is decontaminated with damp rags and bucket of water, rags discarded as asbestos waste
- Staff know access onto asbestos cement sheets not permitted due to fragile nature
- Vehicles and plant not to track over asbestos
- Roof sheets removed from underneath with MEWP access
- Bolt cutters used to reduce breakage and eliminate drilling/power tool use on sheets
- Notifiable asbestos will be removed by licenced contractor under its own method statement and after giving 14 days notification to HSE

Services

- Services to be terminated to the area being demolished by qualified engineer subcontracted to Nick Brookes demolition
- Staff aware to treat newly unconfirmed services as live until determined otherwise
- Any services that need to remain live marked up with spray paint and signage

Soft Strip

- The following techniques are for indicative only, different techniques maybe utilised to suit the works.
- All asbestos removed first following asbestos essentials safe working practices
- Operative using a mattock strike door hinges breaking the hinge.
- This will allow operatives to remove doors clear creating unobstructed access.
- Door frame beading to be removed exposing the void between the frame and wall.
- Operatives equipped with hand saw, saw cut door frame as detail overleaf.
- This allows door frame to fold within itself assisting with the removal of frame.
- Operatives equipped with pinch bars remove door frame by inserting bar between frame and interior wall.
- Operatives twist bar forcing frame out of the void
- Operatives instructed only to lift what they are comfortable lifting, if a load seems or is too heavy, they are aware to seek assistance, operatives to assess load and transit route prior to commencing.
- When removing soft floor coverings all loose materials are cleared from room bagged and placed within the designated waste skip.
- Starting from one corner the covering is lifted and folded and cut into manageable pieces towards the centre of the room.
- Operatives equipped with pinch bars remove skirting within the building structure.
- Starting at one end of the skirting operatives insert pinch bar in the void between the skirting and the wall
- Operatives extract skirting away from wall, allowing the skirting removal.
- Where suspended ceiling need removing operatives work from podiums to remove fibre panels by hand systematically. Panels are stockpiled ready for removal from the building to designated skip.
- Strip light bulbs removed and placed into containers, smoked detectors removed and placed into containers.
- WEE items and hazardous materials follow correct waste streams.

Soft Strip & Demolition

- Services isolated prior to works and anything that needs to remain live marked up and/or protected, undiscovered services found are treated as live until otherwise confirmed dead
- Refurbishment and Demolition Asbestos Survey undertaken prior to any works, asbestos removed first prior to commencing demolition
- Soft strip undertaken first using hand tools
- Demolition specific machines used with cab and screen protection
- Correct size machines assessed and used for each part of the works
- Forward tipping dumpers fitted with roll protection which is to be correctly in place, operator aware to dismount during loading
- Machine operators aware to keep doors and windows closed to reduce noise and dust exposure
- Seatbelts to be worn where fitted
- Ground operatives aware to keep clear of machines and work out of reach and machine operators aware to stop and lower grab, shear, bucket attachments should persons encroach too close and when not in use
- Staff aware to remain clear of structures being demolished and to consider the height of building should unintended collapse occur
- Exclusion zones established on site and/or competent trained banksman used to oversee demolition works, additional banksmen used where needed and two-way radios used when needed as a means of communications between operators and banksmen

- Waste segregated and placed into piles separated by distance to minimise fire risks
- Combustible piles kept small and machinery parked at least 2m clear at close of shift
- Structures left in safe condition to close of each shift
- Waste removed from site frequently to prevent over accumulation
- Banksman are aware to always remain sighted to the driver when banking vehicles and mobile plant and be in a safe position not at risk
- Operations supervised

Environmental

- Site assessed and drains/grids covered to prevent blockage or contamination where necessary
- Fuel stored on site is in secure locked metal container upon bunded platform or in locked bunded bowser
- Spill kits available
- Water suppression used to control dust
- Plant turned off when not in use
- Generators not left running unnecessarily
- Bins emptied frequently and lids to be in place to prevent encouraging vermin
- Also see COSHH assessments

Tools and Equipment

- 110v or less electrical tools only permitted on site
- Battery chargers not to be left plugged in overnight
- All electrical equipment PAT tested at suitable intervals
- Staff aware to check all tools and equipment prior to use and to report and not use damaged items
- All lifting equipment and accessories provided with current thorough examination certificates
- Weekly recorded inspection regimes are in place managed by the site supervisor
- Staff aware to use items of tools and equipment as intended by the manufacturer
- Staff only to use items of tools and equipment that they are authorised to use and trained for
- Only those who have undertaken abrasive wheels training are permitted to change an abrasive wheel
- There is an appointed person's register so that all operatives are aware of their responsibilities
- Burning gear transported on secure trollies, free standing bottles tied secure, all bottles used upright and turned off after use, flashback arrestors and gauges in place. Correct PPE worn, works stop 1hr prior to leaving site and fire watch undertaken, combustibles moved from area first.
- Staff aware to avoid use of vibratory equipment for long periods and where possible let machinery do the work, staff are aware to rotate tasks when use of vibratory tools can't be avoided and not to exceed safe usage times. They are aware to take frequent rest breaks and exercise hands whilst keeping them warm and dry
- Staff instructed to report signs of vibration related injury such as;
 - Tingling numbness, pins and needles
 - Colour change, blanching
 - Severe pain and numbness
 - Loss of grip strength and manual dexterity
 - Loss of sense of touch

Below range of commonly used vibratory tools for example only

Tool	Vib/Magnitude	Time to EAV 2.5m/s ² A(8)	Time to ELV 5m/s ² A(8)	Noise Level
Stihl TS410 cut-off saw	3.9 m/sec ²	3hrs 17mins	13hrs 9mins	109dB(A)
Stihl TS400 cut-off saw	5.7 m/sec ²	1hrs 32mins	6hrs 9mins	109dB(A)
Husqvarna K670 Cut-off saw	2.6 m/sec ²	7hrs 24mins	Entire shift	101dB(A)
Hilti TE 80-ATC AVR	8.8 m/sec ²	39mins	2hrs 35min	99dB(A)
Hilti TE 60-ATC AVR	7.3 m/sec ²	56mins	3hrs 45mins	101dB(A)
Hilti TE 706 AVR	5.5 m/sec ²	99mins	6hrs 30mins	98dB(A)
Bosch GWS9-125 5" Grinder	5.0 m/sec ²	2hrs	8hrs	90dB(A)
Bosch GWS 20-230H Grinder	7.5 m/sec ²	53 mins	3hrs 15mins	90dB(A)

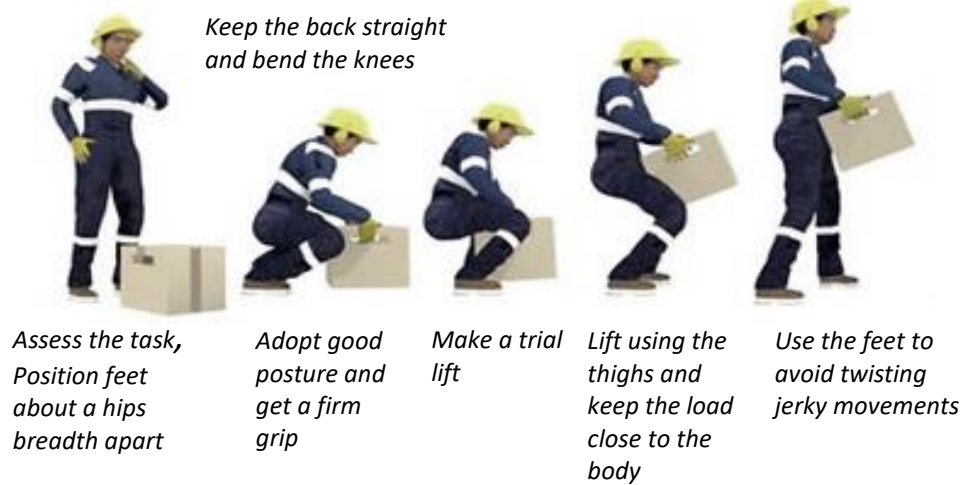
Work at height

- All work at height under taken safely, stair handrails and landing edge protections to remain in place as long as access is required
- Ladders and stepladder use restricted to short duration tasks not exceeding 30mins in anyone location and after consideration of other safer access methods and then only when work can be undertaken safely. Leaning ladders set at 1m out for every 4m up and where possible tied off at both stiles or footed as last resort.
- Staff aware not to access onto any unprotected rooves, leading edge or fragile surfaces
- All excavations barriered access to unprotected leading edges to be prevented
- Scaffold contractor used and scaffolds subject to pre-use and 7day recorded inspections as a minimum
- Mobile towers erected by trained staff only and staff aware not to 'surf' and to remove everything off a tower prior to moving it. Caster wheels to be locked when in use and access via internal integral ladder, correctly erected all guardrails in place in accordance with training
- Boom MEWP operatives wear restraint lanyards and harness attached to designated anchor point

Manual Handling

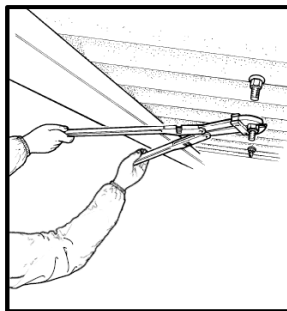
- Staff are instructed to lift within own comfort zones and get help when needed
- Where possible the machinery is to undertake heavy works reducing the need for manual handling
- Staff know to avoid handling glass, sharp objects or otherwise potentially damaging objects
- Fire doors and the like must be joint handled
- Staff aware to change locations when picking wastes to vary body movements and reduce repartition and loadings on one particular body part.
- When lifting;
 - Keep back straight
 - Bend your knees
 - Place feet about a hips breadth or shoulder width apart
 - Breath in prior to lifting
 - Keep the load close to the body
 - Use the thighs to lift
 - Avoid twisting jerky movements, turn the feet
 - Ensure access routes are clear, unobstructed and adequately lit
 - Don't walk with objects obscuring vision and look for changes in levels

General correct Kinetic lifting techniques



Non-Licensed and NNLW

- Staff subject to medial examinations and training which is refreshed periodically
- Licensed contractors used for licensed work
- Personal and background monitoring undertaken periodically
- Asbestos skips with signage, enclosed and kept locked used
- Asbestos double bagged in correct bags and taped up, disposable PPE discarded as asbestos waste, re-usable PPE decontaminated with damp rags and bucket of water
- Coveralls turned in side out during removal to reduce fibre release, staff aware to wear RPE under hood and to avoid lace boots
- Clean air and air clearance certification given on completion
- Work methods adopted to prevent breakage of asbestos containing materials and dampening techniques adopted
- Staff aware to minimise numbers present
- Licensed asbestos under separate RAMS



Welfare

- Roll-on-roll-off 8wheelers will bring a welfare unit to site along with a storage container and toilet block. The storage container contains a generator which is vented externally
- All electrical installations check by contract electrician periodically and maintained current
- Welfare generator is provided with earth rod which is connected to ground
- Water supply connected or IBC provided and where necessarily bottled drinking water if the latter is the case 'not drinking water' signs are displayed at all sinks
- Site supervisor responsible for ensuring that welfare is maintained clean and tidy
- Fire fighting and first aid provisions provided
- Site kept secure out of hours

In the event of an Emergency:

- STOP - Call for help and move away from the work area to a safe point if possible.
- Raise the alarm and contact your Supervisor, they will advise if further action is required.
- Only recover injured party from area if safe to do so.
- Site Supervisor will establish contact with the emergency services, the Supervisor will explain the nature of the emergency, location and services required.

When asked to give details provide:

- Name
- Location and position of incident
- Nature of emergency
- Emergency services required
- How to access site off (.....Road)
- Any other relevant information
- Contact information
- Unlock site entrance and have someone to greet and direct the services

Follow instructions

- Obey instructions of Emergency Services.
- If instructed to evacuate area do not stop to collect personal belongings.
- Report to Assembly point as depicted on the fire/emergency plan.
- A role call will be conducted by your Supervisor from the operative signing in sheet.
- Do not re-enter the area until told it is safe to do so.

Emergency Evacuation - Fire

- Make yourself aware of the Assembly Point as depicted on the fire/emergency plan
- Raise the alarm; if you feel confident, try to extinguish the fire without putting yourself at risk.
- If not, exit the work area and immediately proceed to the assembly point.
- Only return to your work place upon the all clear signal.
- Access to Assembly points must remain clear at all times

Work at Height - Emergency

- Lower MEWP to ground from within carrier if possible
- Lower MEWP to ground from ground level either powered or manual method
- If MEWP doesn't lower call service engineer
- If service engineer can't lower MEWP arrange for MEWP to MEWP transfer or mobile tower transfer (subject to height)
- If necessary call emergency services and explain situation

Asbestos - Emergency

- If disturbed or discovered stop work prevent access to the area and advise site supervisor
- Check the survey
- If contaminated wear RPE self-decontaminate keep other clear
- Double bag contaminated items that can't be easily decontaminated
- If confirmed as asbestos dispose of as asbestos waste

PPE Requirements				When to wear PPE
1. 	2. 	3. 	4. 	1. Wear at all times on site 2. Wear at all times (toe and midsole protection) 3. Wear at all times (unless burning) 4. Wear during soft strip and task specific, COSHH etc. 5. Wear when it is difficult to hear normal conversation 6. Wear when manual handling, soft strip, COSHH control etc. 7. Wear when at risk of breathing dusts, mists, fumes wear the type face fit tested to and arrive clean shaven daily. 8. State Other:
5. 	6. 	7. 	8. 	

MOVE BACKWARDS

Both arms are bent with the palms facing downwards and the forearms make slow movements away from the body.



MOVE FORWARDS

Both arms are bent with the palms facing upwards and the forearms make slow movements towards the body.



RIGHT

The right arm is extended more or less horizontally with the palm facing downwards and slowly makes small movements to the right.



LEFT

The left arm is extended more or less horizontally with the palm facing downwards and slowly makes small movements to the left.



HORIZONTAL DISTANCE

The hands indicate the relevant distance



STOP

The right arm points upwards with the palm facing forwards



DANGER (Emergency Stop)

Both arms point upwards with the palms facing forwards.



Operative Sign Off

All operatives to read this document and sign to confirm they have fully understood and will follow the procedures. Any issues must be communicated immediately with a Supervisor or Manager.

Method statement and risk assessment for_____

[illegible]



RA No: 10053

Activity:
Demolition former bakery

Assessor:
S. Crump

Date:
11/07/2022

Review as work progresses or if there has been a significant change or incident

Description of activity:

Risk Rating Classification

Rating		Likelihood					Likelihood Rating (L)	Severity Rating (S)	Classification (C)	Required action
		1	2	3	4	5				
Severity	1	1	2	3	4	5	1. Improbable 2. Unlikely to happen 3. Possible to happen 4. Likely to happen each time 5. Almost certain to happen	1. Insignificant 2. Minor 3. Medium-under 7day 4. Major -over 7 day(RIDDOR) 5. Possible Fatality	1-5 LOW 6-10 MEDIUM 12-15 HIGH 16-25 VERY HIGH	None, controls adequate Monitor and review as required Immediate additional controls required STOP. Reduce the risk level immediately
	2	2	4	6	8	10				
	3	3	6	9	12	15				
	4	4	8	12	16	20				
	5	5	10	15	20	25				

Hazard	Risk & consequences	Who Can Be Harmed	Pre Control Risk Rating				Control Measures	Post Control Risk Rating				Additional Control Measures Required
			L	S	R	C		L	S	R	C	
Live electric & gas services or power tools and equipment – Electric shock, burns, gas escape	Electrocution, fire, explosion - Death or major injury	Anyone within the demolition area	3	5	15	H	Service disconnections to be confirmed. Copies held in the project CPP file on site. Site electrical services will be from a portable diesel generator provided by NBD. Staff not permitted to bring personal electrical items into work without agreement of management.	1	5	5	L	Ensure appliances PAT tested Obtain written confirmation of service terminations

Demolition operation – moving plant, falling & flying debris, sharp objects, noise	Risk of; Collision with moving plant - Death or major injury Hit by falling objects - Death or major injury Slips, trips, falls - major or minor injury, Handling sharp objects - cuts & grazes Hearing damage - Major injury	Anyone within the demolition area	3	5	15	H	Mandatory PPE to be worn; High visibility vest or coat to EN ISO 20471 Head Protection to EN 397:2012 Eye protection to EN 166 1B Safety Footwear (S3) to EN ISO 20345:2001 Gloves, cut level 2, to EN 388:2003 Ear protection to EN351-1:2002 Single shift FFP3 dust masks to EN149 Site fenced off to protect the public. Banksman used, banksman and operators given instruction on signals and told to remain in safe location. Operators told to stop if site of banksman lost.	1	5	5	L	Check full extent of boundary fencing and monitor daily.
Asbestos	Inhalation or ingestion of fugitive asbestos fibres – Death from Mesothelioma, lung cancer, asbestosis. Major injury – lung disease from pleural plaques.	Anyone exposed to asbestos fibres	3	5	15	H	The refurbishment and demolition survey has been completed, asbestos areas identified and are both notifiable and non-notifiable work Notifiable work to be carried out by licensed company only under separate method statement. Non notifiable to be carried out by Nick Brookes trained staff. Survey to be held with the CPP	2	5	10	M	Additional survey required to areas not previously accessed. Constant monitoring by the site manager for suspect material
Untrained personnel – lack of awareness of demolition and general construction site safety issues	Being inside an exclusion zone while controlled collapse of the walls is carried out - Death or major injury	Anyone within the demolition area	3	5	15	M	All NBD operatives have received NDTG Demolition Safety Awareness training and hold CCDO cards for the level of work to be carried out. Site supervisor to be NDTG trained Demolition Site Supervisor and hold an NVQ L3 in Occupational Safety & Health, or SMSTS trained. All arriving on site undergo a site safety induction given by the site supervisor and sign in the site register. Routine toolbox talks relevant to the demolition project are given to NBD operatives by the site supervisor.	1	5	5	L	‘New’ operatives and learners to be closely monitored until deemed sufficiently competent to carry out the required level of work.

Hazard	Risk & consequences	Who Can Be Harmed	Pre Control Risk Rating				Control Measures	Post Control Risk Rating				Additional Control Measures Required
			L	S	R	C		L	S	R	C	
Traffic movement – NBG vehicles including skip wagons visiting	Death or major injury	Any pedestrians in the vicinity	3	5	15	H	All vehicles delivering or collecting from the site must be notified to the site manager in advance so that any traffic movement on site can be coordinated. For security and site safety the gate will remain locked at all times, unless a gateman has been designated. All vehicles to follow the route in the traffic management plan and not exceed 5mph. NBD vehicles to reverse park into designated parking area if possible. Skips to be located as required by the Demo site supervisor acting as a banksman for the task. All pedestrians to use the designated walkways & crossing points.	2	5	10	M	Implement and display traffic plan utilising turning circle. Access to be arranged by ‘phoning the site manager or in his absence the site supervisor – contact details posted on the entrance gate White paint ‘1’ on the 15mph speed signs or replace with 5mph.
Working at height	Falls from height – Death & major injury.	Anyone involved in the work at height	3	5	15	H	Single storey building access to roof not required. Ceilings removed from mobile towers/podiums correctly erected by trained operatives. Ladder/stepladder use restricted to short duration after consideration of above and if works can be done safely. Tower inspected prior to use casters locked surfing not permitted. Recorded weekly inspection	1	5	5	L	None

							regimes and tags used. Ladders subject to inspection, tagged and numbered.					
Hazard	Risk & consequences	Who Can Be Harmed	Pre Control Risk Rating				Control Measures	Post Control Risk Rating				Additional Control Measures Required
			L	S	R	C		L	S	R	C	
Un-supported walls – instability during the demolition	Crush injuries - Death or major injury	Anyone within the exclusion zones	3	5	15	H	An exclusion zone to be established and determined by the height of the structure being demolished. The immediate work area is restricted to NBD personnel only. The demolition method selected is deliberate removal by using reach excavator fitted with grab/shear to 'nibble' the brick walls and push the loose material into the foot print of the building. The excavator cabin provides mechanical protection to the operator should any debris fall away from the direction of the push. All operatives on foot are to remain clear of the exclusion zone but wear head & eye protection as stated previously.	1	5	5	L	Constant monitoring by the site manager Building to be left in safe condition to close of shift.
General dust – dust generated during the demolition, processing and transport of rubble	Respiratory illness – Major injury Nuisance to neighbours -	Anyone on site Any identified neighbours	3	4	12	H	Water spray dust suppression used to damp down all dust being generated. Operatives told to keep cab doors and windows shut. RPE worn as needed. Employees instructed to arrive clean shaven	2	4	8	M	Constant monitoring by the site manager Ensure all RPE users are face fit tested
Noise – noise from the various operations	Hearing damage - Major injury	Anyone on site	3	3	9	H	Working hours established. Hear protection provided.	1	3	3	L	Constant monitoring by the site manager

	Nuisance to neighbours	Any identified neighbours					Crushing operations to be located as far from neighbours as possible					Noise monitoring carried out periodically
Hazard	Risk & consequences	Who Can Be Harmed	Pre Control Risk Rating				Control Measures	Post Control Risk Rating				Additional Control Measures Required
			L	S	R	C		L	S	R	C	
Moving plant – Excavator bringing down the walls, removing rubble and loading into a skip, telehandler, tractor unit and water bowser,	Crush injuries - Death or major injury	Anyone within the operating radius of the excavator	3	5	15	H	The work area is restricted to NBD operatives all trained in Demolition Safety Awareness. An exclusion zone will be set up around the machine and unstable walls. All operatives are to stop any unauthorised persons from entering the exclusion zone. All persons arriving on site MUST first report to the site cabin, sign in and await the site supervisor. Plant and machinery routinely inspected by service engineer and annually examined. Mirrors, beacons to be in place and maintained. Recorded inspection regimes in place.	1	5	5	L	Constant monitoring by the site manager
Manual handling – tools and equipment.	MSD caused through poor technique - Major injury with long term absence from work or minor injury	Person moving the sheets and equipment	3	4	12	H	If equipment or materials are too heavy or awkward to lift, team lifting technique to be used. Operatives to use correct manual handling techniques.	1	4	4	L	Refresher training as required.
Hot work – refilling petrol saw, (if required), LPG etc.	Fire – Major injury, burns, property damage	Anyone involved or nearby the activity	3	4	12	H	Refilling of petrol fuelled tools to be by the site cabin where the spill tray, spill kit and Class ABC fire extinguisher is located. Minimal amount of petrol (4.5L) container locked in the tool container when not in use. In the event of a fire follow NBD Fire &	2	4	8	M	Constant monitoring by the site manager

							Emergency procedure and proceed to the Fire/ Emergency Assembly point by the site cabin. Burning if needed undertaken by trained ops, burning gear checked and flashback arrestors fitted. Transported and stored securely. Trolleys and bottle banks used. Turned off after use. Permit systems in place.					
Use of petrol powered disc cutter – cutting steel &/or brick and blockwork if required	Major injury – eye injury, HAVS, NIHL, respiratory illness from dust (RCS) and petrol fumes, dermatitis from contact with petrol (if spilled)	Person using the cutter and anyone nearby	3	4	12	H	Disc visually inspected before use. Anticipated noise level while cutting 98dbA Ear protection to EN351-1:2002 Eye protection to EN 166 1A Hand protection required to avoid cuts while handling rubble. Gloves, cut level 2, to EN 388:2003 Anticipated vibration level based on manufacturer's data is 4.0m/s ² giving a maximum exposure time of 180 min. The dust produced while cutting brick & block work will contain Respirable Crystalline Silica (RCS).	2	4	8	M	Annual health screening to be undertaken on NB operatives.
Excavation – Digging out Peet and hydrocarbon hot spots	Collapse of excavation, falls of plant persons, service strike, COSHH	Any one on site	3	5	15	H	Step sides of excavations or barrier where risk of plant, persons falling in, getting too close or collapse. CAT scan used to identify services. All services issued live. Mark up services and maintain marking. No mechanical digging within 500mm of live service, spade only. Service drawing to be used where provided.	2	5	10	M	Calibrate CAT scan.
Oil leak/spill – Slippery surface, oil entering the ground or drains	Slip & fall risk – Major injury. Ground water and controlled water pollution,	Anyone nearby, Pollution to water courses	3	4	12	H	Oil held on spill pallets by the generator container. Spill kit available and spill control procedure in place. Refuelling and oil top up to take place away from nearby drainage grids.	2	4	8	M	
Tools & Equipment – Using hand and electrical tools	Cuts, bruises, broken bones, eye or other injury	Person using tool or anyone nearby	3	4	12	H	Tools to be used in correct application as manufacturer intentions. Staff aware to check tools prior to use and not use if defective. Staff competent to use tools in their possession, PPE provided staff know to wear it.	2	4	8	M	

Fire – fire could happen as a result of works or arson	Burns or death	Anyone on site or in vicinity	3	5	15	H	Skips placed at least 10m clear of building and located clear of boundaries. Hot work stops 1 hour prior to close of shift. LPG minimised and switched off after use. Fire fighting provisions and means of raising alarm established. Escape routes maintained clear at all times. Staff inducted into fire and emergency arrangement and told where to assemble. Security/CCTV applied as needed. Welfare metal construction with window covers secured out of hours. Electrical installations and equipment electrically tested. Hot work permit system available. Combustible wastes kept in small piles and frequently removed from site to prevent over accumulation	1	5	5	L	Issue fire marshal refresher training.
Fire – fire could happen as a result of works or arson	Burns or death	Anyone on site or in vicinity	3	5	15	H	Skips placed at least 10m clear of building and located clear of boundaries. Hot work stops 1 hour prior to close of shift. LPG minimised and switched off after use. Fire fighting provisions and means of raising alarm established. Escape routes maintained clear at all times. Staff inducted into fire and emergency arrangement and told where to assemble. Security/CCTV applied as needed. Welfare metal construction with window covers secured out of hours. Electrical installations and equipment electrically tested. Hot work permit system available. Combustible wastes kept in small piles and frequently removed from site to prevent over accumulation	1	5	5	L	
Vibration – HAVS or full body vibration	Vibration related injury	Staff	3	3	9	M	Staff given information to help reduce exposure to vibration and identify symptoms. General vibratory tool use is minimal. Information on safe usage times provided for a range of commonly used tools	1	3	3	L	Crusher operator to avoid being on the crusher
Works change – work methods change or unforeseen task	Minor or serious injury due to poor planning	Anyone on site or in vicinity	4	4	16	V H	Task specific assessment provided for supervisors to complete and relay to staff. Supervisors told to ask for assistance from SHE manager if needed.	2	4	8	M	SHE Manager to arrange for period site audits.
	Name					Signature					Date	
Assessor	S. Crump					<i>S. Crump</i>					11/07/2022	

Date reviewed	Reviewed by	Signature	Reason for review

