Risk Assessment and Method Statement

Project Name:	EDF Wythenshawe Labs Phase 2
Job Number:	J16633
Location:	EDF Wythenshawe, Timpson Road, Wythenshawe, M23 9LL.



Client:	EDF Energy
Principal Contractor:	Wring Group Ltd
Project Manager:	C.Hipperson

RAM'S reviewed and briefed - Works can continue			
Author	SHEQ	Operations Manager	Non-Working Supervisor
CH	DD	MG	

Document Disclaimer

This demolition plan and risk assessment document is produced as part of the Wring Group's Safe System of Works and is intended to be used as a guide only for the Health & Safety of Wring Group site operatives, visitors and adjacent occupiers of the site in question, so far as can be reasonably expected with the actual knowledge and information available to Wring Group at the time of issue of this document. As such no reliance should be placed (and Wring Group accepts no responsibility whatsoever for the consequences of such reliance) on this Method Statement by any person in any contractual arrangement. This does not affect the statutory rights of any party contracting with Wring Group under general health & safety law

This document is to be read in conjunction with Wring Group Ltd Standard Operating Procedures (S. O. P's)

Document Control

Revision Table

Revision	Prepared By	Date	Status	Approved By	Date
1	CH	09.07.26	Construction		
2					
3					
4					
5					
6					
7					
8					

Table of Change

Revision	Details of changes to method Statement (detail and page / section number)	Communicated to site staff Signed by Supervisor
1		
2		
3		
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6		
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1. Reference Documentation

Document Number	Document Name
WGRA	Wring Group Risk Assessments
WGCA	Wring Group COSHH Assessments
WGAIR	Wring Group Aspects and Impacts Register
BS 6817:2011	Demolition Code of Practice
HASWA	Health and Safety at Work Act 1974
PSF370-5	PCI
44173068	Ecological Appraisal

Standard Operating Procedures List

S.O.P	S.O.P Name	Applicable
001	High Reach Demolition	✓
001a	High Reach Demolition Combined	
002	Excavators & Demolition Rigs	✓
003	Manual Handling / Hand Tool	✓
004	Hand Breakers / Impact Tools	✓
005	Hand Dug Trial Pits	
006	MEWP Booms / Scissors	✓
007	Crushers	
008	Chicken Picking	
009a	Telehandler / JCB	
009B	Telehandler / Manitou	
010	Dumper	
011	Petrol Disc Cutter	✓
012	Wheeled Skid Steer	
013	Power Barrow / Dumpsters	
014	Tracked Skid Steer	
015	AVANT Robot	
016	Man Cage	
017	Lifting with chains	
018	Mold Removal	
019	Screening Bucket / Asbestos	
020	Screening Bucket	
021	Hot Cutting	✓
022	COMAH Sites	
023	Asbestos Chicken Picking	
024	Asbestos Watching Brief	✓
025	Aluminum Scaffold Towers / Podiums	✓
026	Impact Drivers	✓
027	Anthrax in Plaster	
028	Qualitative Face Fit	
029	Sharps / Drug Paraphernalia	✓
030	Pigeon Guano	✓
031	Live Services	✓
032	Recip Saws	✓
033	Articulated Roller	
034	Rear Tipping Dumper	
035	Pressure Washer	✓
036	Articulated Loader	
037	Asbestos Floor Tile Removal	✓
038	Asbestos Cement Soffit Removal	
039	Asbestos Cement Roof Sheet Removal	
040	Asbestos Rainwater Goods Removal	✓
041	Asbestos Gasket Removal	✓
042	Asbestos Textured Coating	
043	Asbestos Decontamination Procedure	✓
044	Asbestos Marking with Spray Paint	✓
045	Asbestos Sampling Procedure	✓
046	Asbestos Rope	✓

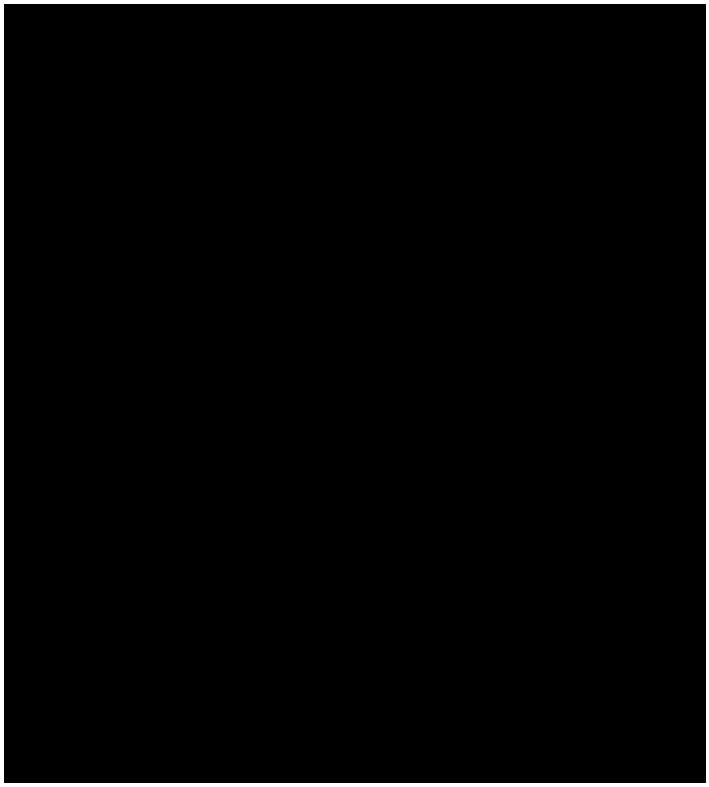
S.O.P	S.O.P Name	Applicable
047	Asbestos – Sheeting Stockpiles	
048	Asbestos Marking up and Areas of No Access on Asbestos Surveys	
049	Asbestos - Checks, Inspections, Monitoring and Air Testing	✓
053	Asbestos - Discovery of Unidentified Asbestos Materials During Demolition Process	✓
054	Asbestos - NNLW	✓
055	Dozers	
056	HAVi Vibration Magnitudes & HAVi User Guide	
057	Roll-On-Off Hooklift Skip Lorries	✓
058	Grinders (Battery Operated)	✓
059	Articulated Dump Truck	
060	Permit to Dig	

2. Site information / Scope of Works

Works management

Wring Group Team

Position	Name
Managing Director	John Wring
Operations Director	Dean Wring
Operations Manager	Mark Gracie
Asbestos Contract Manager	Wayne Sheldon
SHEQ Manager	David Dursley
Project Manager	Colin Hipperson
Site Non-Working Supervisor	TBC



Client Team

Position	Name
Client	
Client Representative	Paul McCarthy
Project Manager	
Site Manager	

Relevant Addresses

Position	Name	Address and Contact Details
Demolition Contractor	Wring Group Ltd	5 Vale Lane, Bedminster, Bristol – BS3 5RU
Principal Contractor		

Works Brief

Asbestos removal and soft strip of structure prior to full Demolition down to ground slab level only. Substation to be protected during all works.

	Wring Group Site Supervisor to ensure all elements of Section 2 – Works Brief Information is clearly understood and communicated with all site staff		
	Signed	Name	Date

3. Services

Electricity

Live substation to be protected throughout work. All other services are to be isolated/terminated by the client.

Gas

Services to be isolated/ terminated by the client prior to works commencing.

Water

Services to be terminated prior to work commencing except for a temporary supply.

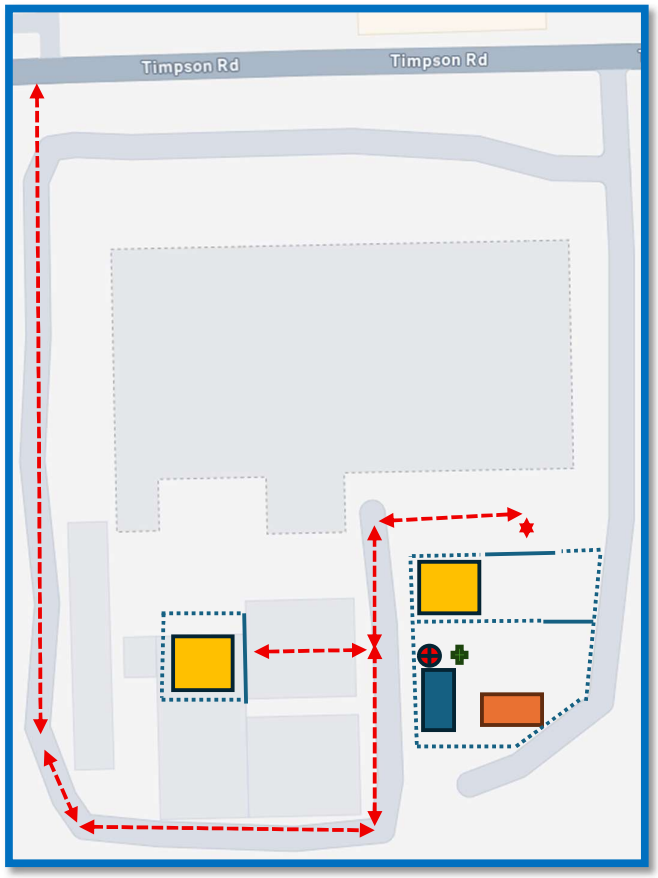
Comms

All services to be terminated prior to work commencing.

	Supervisor – If disconnection certificates are not available, how have you made sure the services are safe?				
	Tick relevant box				
	Physical sever point witnessed	Witnessed termination	Tested service	On site electrician confirmation	Other documentation
	Signed	Name	Date		

4. Site Plan

Site plan / traffic - pedestrian management



Legend:
Waste Bin Locations
Welfare/Site Office
Parking
Muster Point
First Aid
Transport routes

NB: Site notice board and Fire plan to be updated daily to confirm muster points & First aid locations as work progresses. Daily briefing to be carried out re that day's tasks.

Supervisor to check vehicles prior to sending them back onto highways. Wheel wash to be in operation if required.

5. Health and Safety

Emergency / First Aid Information

Nearest Hospital – Wythenshawe Hospital, Southmoor Road, Wythenshawe, Manchester, M23 9LT.



Directions

Timpson Rd
Manchester

- Head east on Timpson Rd — 469 ft
- Turn right towards Southmoor Rd — 194 ft
- Continue onto Southmoor Rd — 0.5 mi
- Turn right onto Ledson Rd — 0.2 mi
- Turn left onto Floats Rd — 0.5 mi
- Turn left — 266 ft

Wythenshawe Hospital
Southmoor Rd, Wythenshawe, Manchester M23 9LT

Position	Name	Email	Phone
First Aider	TBC		
First Aider			
Mental Health First Aider	Tim Whittle	Tim.whittle@wringgroup.co.uk	07519 092517
Mental Health First Aider	Kristina Foot	Kristina.foot@wringgroup.co.uk	07572 397520
Fire Marshal			

Minor Injuries
All injuries to employees, visitors or the public resulting from incidents on site, however minor, are to be recorded in the accident book on site and the company office informed also inform site management.

Major Injuries / Death / Dangerous Occurrence
In the event of a major injury or fatality to any of the above, or a dangerous occurrence (contact with overhead power cables, machinery overturn, failure of lifting equipment or lifting gear, unplanned collapse of structure etc.) the following procedure is to be followed:

- Area to be made safe and first aid administered/emergency services contacted.
- Demolition Site Supervisor/Operative to report the incident immediately to the Head Office by phone 01179 213320.
- Mr. D Wring will immediately inform the HSE by phone, e-mail, if applicable.
- All incidents or incidents are to be reported to Project Manager.

Incidents occurring during asbestos removal.
All personnel relating to working with asbestos will be trained to handle an emergency as part of the basic training.
Following an incident, it may be necessary to remove the injured person's respirator at an early stage.
Decontamination should be carried out as far as possible.
Employees should vacuum themselves and the injured person, sponge down RPE and boots, however evacuation of the seriously ill or injured employee should not be delayed by over-elaborate attempts to decontaminate the casualty.
If the victim can be moved, work colleagues can move them outside.
All personnel should decontaminate in the decontamination area again where possible.
Arrangements for contacting the emergency services should be established at the start of the works and all relevant information passed to operatives during the site induction.
Information should be available for the emergency services to prepare their own response procedures and precautionary measures for asbestos and other hazards.
Spare disposable protective clothing should be kept available for personnel who have to enter the work area and who do not have their own equipment, e.g., ambulance personnel or paramedics.

Mental Health First Aid
Wring Group Ltd has various mental health first aiders available to assist.
Should you have any concerns about someone's mental health or require assistance yourself please contact Tim Whittle on 07519 092517 or Kristina Foot 07572 397520.



Manual Handling

Manual handling activities will be required during site set-up, soft strip, and demolition works, including the movement of materials, fixtures, fittings, waste arisings, fencing, welfare equipment, and tools. Wherever reasonably practicable, manual handling will be avoided using mechanical aids, such as trolleys, dumpers, telehandlers, excavators, and lifting equipment.

Where manual handling cannot be avoided, operatives will assess the load before lifting and only handle items within their capability. Materials arising from soft strip and demolition will be broken down into smaller, manageable sizes and placed into designated stockpiles or drop zones to minimise manual carrying distances. Team lifting will be used for heavy or awkward items.

Clear access routes will be maintained, good housekeeping standards applied, and correct lifting techniques always used. If a task cannot be carried out safely, the work will stop and the activity reviewed with the Site Supervisor.

Safety Zoning

Following N.F.D.C Guidance, Wring Group operates a **RED AMBER GREEN** Exclusion zoning system.

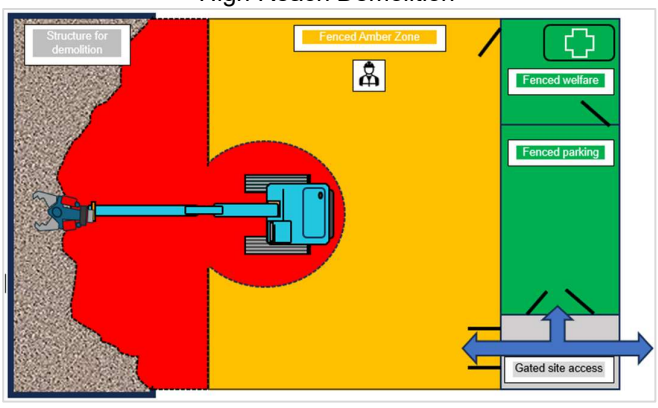
RED ZONE – Is an EXCLUSION ZONE that is defined as being the most restricted and is “an area of a site where no person may work”. Different structures require different methods of demolition. Methods are designed taking into consideration what can go wrong, and the size / shape of the red zone may change throughout the project.

AMBER ZONE – There may be other areas on site where access will be RESTRICTED to work undertaken by specialist occupationally qualified personnel as required by risk assessment and method statements. These are called amber zones.

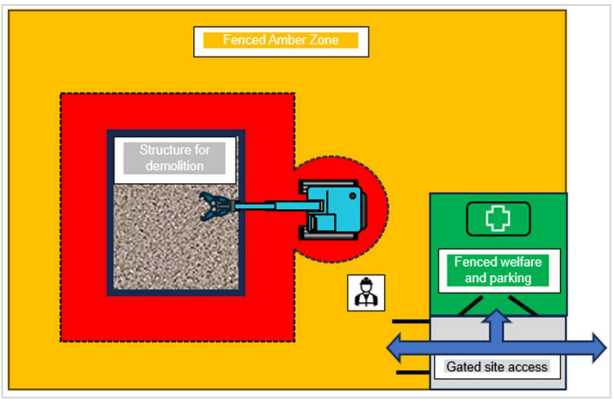
GREEN ZONE – Some sites operate a GREEN or SAFE zone area where no PPE is required such as offices, site welfare and car parking.

Examples of exclusion zones:-

High Reach Demolition



Standard Demolition



Welfare

In conjunction with Schedule 2 of The Construction Design Management Regs 2015 (CDM), all site-based welfare and toiletry facilities will be set up prior to the project commencing, for use by all site operatives & visitors as necessary, this will include seating, clean water hot & cold, a means to heat food, washing facilities and a drying room. If these are not in place works will not commence

Personal Protective Equipment

Mandatory X				Task Specific X	
Safety helmet	X	Safety footwear (EN 345)	X	Hi-Viz clothing	X
Gloves (CUT 5)	X	Safety harness	X	Fall arrest lanyard	X
Gloves (CUT 3)	X	Safety wellingtons	X	Arm protectors	X
Fall restraint lanyard	X	Flame Retardant Overalls	X	Overalls (disposable)	X
R.P.E (SR 100)	X	Goggles (EN 166 B)	X	Glasses (EN 166 F)	X
Ear defenders	X	Shaded cutting goggles	X	Face Shield	X
Other		Gas monitor must be worn			

6. Fire

Refer to Site Plan – Section 5 for Fire Extinguisher location and Muster Point.
NB: Electronic Alarm system to be in operation and moved as work progresses. Master control to be in Site office. Alarms to be checked on a daily basis.

Ignition Risks

Electrical - fixed electrical systems and portable equipment. Sites will have a combination of fixed electrical wiring from mains sources and electricity generated from fixed and/or mobile power generators. All electrical installations must be tested, inspected and commissioned before becoming available for use and at suitable intervals.
Lithium battery charging – dedicated battery charging stations will be provided in a dedicated charging area where applicable. Batteries are not left on charge out of hours.

Hot working - Cutting operations may use open flame gas cutting equipment or disc cutting. Acetylene cutting will be subject to a specific risk assessment. Hot works permits will be issued and closed daily

Temporary lighting and lamps - where necessary the illumination of work areas is from temporary lighting installed or from specific task lighting. Lighting units should be secured in position away from combustible material to prevent them being dislodged. Cabling will be supported by 18th Edition cable ties/supports

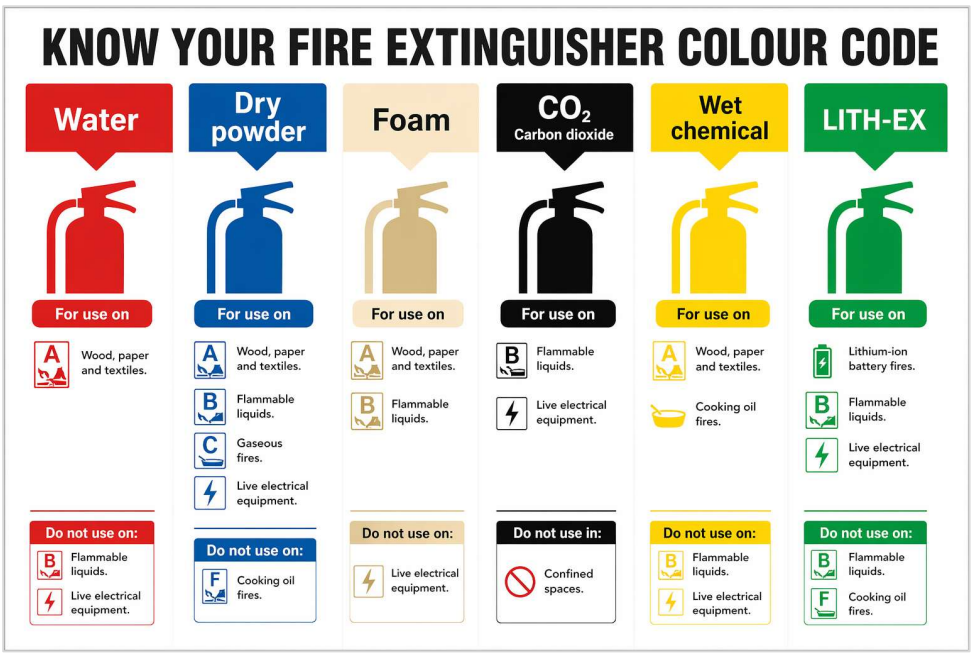
Fuel - Combustible building components – Limited amounts will be stored on site and a gap of 6-10m should be left between any fuel packages. Readily ignitable substances will not be stored near to fuel.

Flammable gases and liquids – will be required for hot cutting. LPG or liquid fuel for generators. These will be stored externally in signed and locked cages.

Waste materials - waste should be minimised wherever possible and disposed of as soon as possible. Packaging and waste materials from the work processes should be disposed of regularly.

Hot Work Permits
Appropriate precautions must be taken when using hot work in the vicinity of flammable materials. A Hot work permit will be obtained from the Principal Contractor.

Fire Extinguishers for Demolition/Soft strip sites

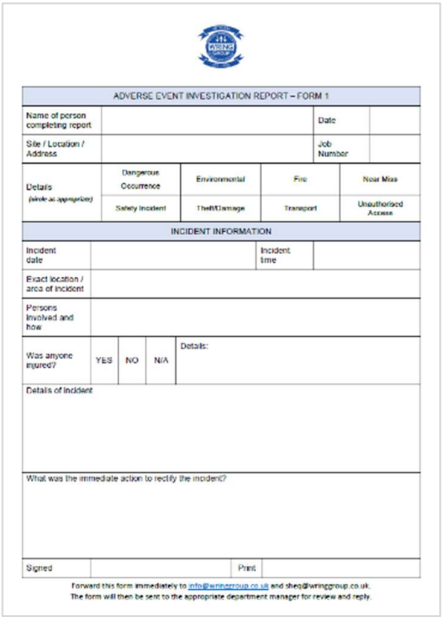


The type of fire extinguisher required will be determined by the risks and hazards on site.
Fire extinguishers for class A materials recommends a minimum quantity of extinguishers with an A rating should be calculated as follows:

- For any storey with a floor area less than or equal to 400m2, there should be at least two extinguishers with a class A rating: having a combined minimum total fire rating of 26A.
- For any storey with a floor area exceeding 400m2, there should be at least two extinguishers with a class A rating: having a combined minimum total fire rating of 0.065 x floor area of the storey (in square meters).
- Extinguishers should be provided for other risks as appropriate

7. Incident / accident / near miss procedure

Forward this form immediately to info@wringgroup.co.uk and sheq@wringgroup.co.uk
The form will then be sent to the appropriate department manager for review and reply.



ADVERSE EVENT INVESTIGATION REPORT – FORM 1

Name of person completing report		Date	
Site / Location / Address		Job Number	

Details (circle as appropriate)	Dangerous Occurrence	Environmental	Fire	Near Miss
	Safety Incident	Theft/Damage	Transport	Unauthorised Access

INCIDENT INFORMATION

Incident date		Incident time	
Exact location / area of incident			
Persons involved and how			

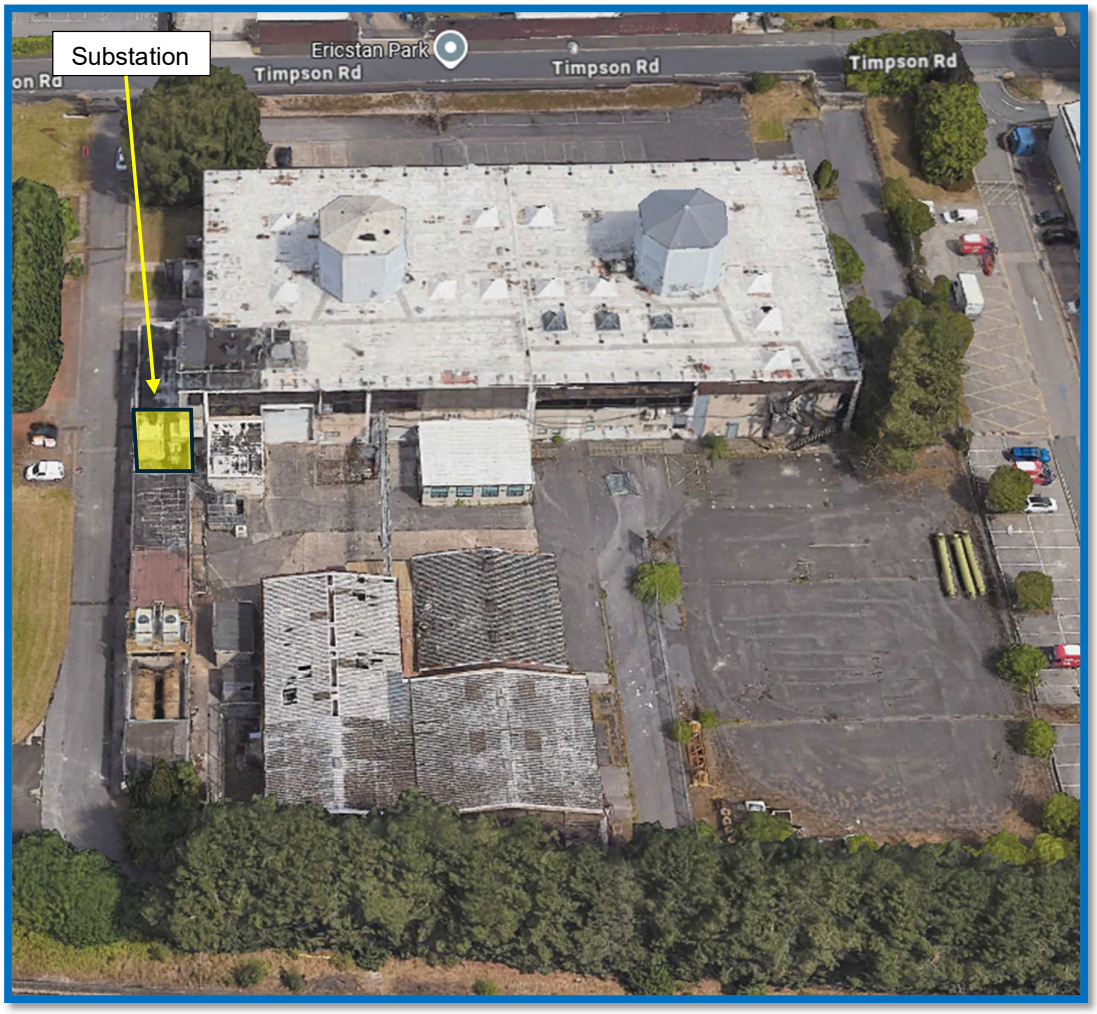
Was anyone injured?	YES	NO	N/A	Details:
Details of incident				
What was the immediate action to rectify the incident?				
Signed		Print		

Forward this form immediately to info@wringgroup.co.uk and sheq@wringgroup.co.uk
The form will then be sent to the appropriate department manager for review and reply.

HOLD POINT	Wring Group Site Supervisor to ensure all elements of Section 6 - Health and Safety is clearly understood and communicated with all site staff		
	Signed	Name	Date

8. Methodology

Methodology

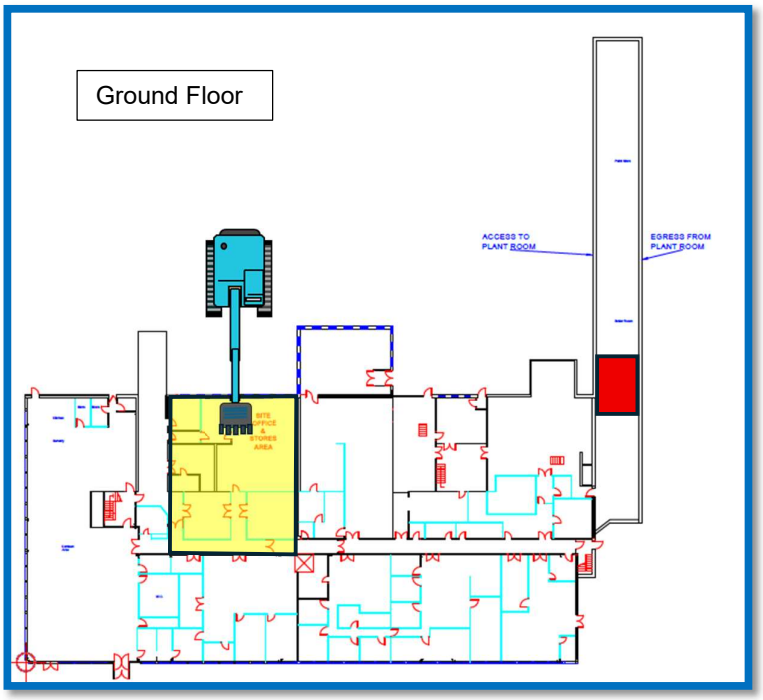


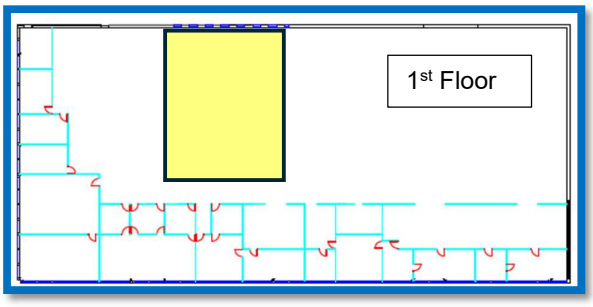
With all services isolated/terminated to main building and with Crash deck/ Protective scaffold screen installed over Live electrical substation and with all live cables marked work can commence.

Licenced Asbestos team to progressively remove identified materials through the building following HSE guidelines. Separate RAMs to be supplied for these works. As a zone is cleared in the building it is to be soft stripped. The manual removal process is to be carried out to maximise the recycling/ reuse of materials. As a minimum 85% of the structure is to be recycled, ideally 90% will be achieved.

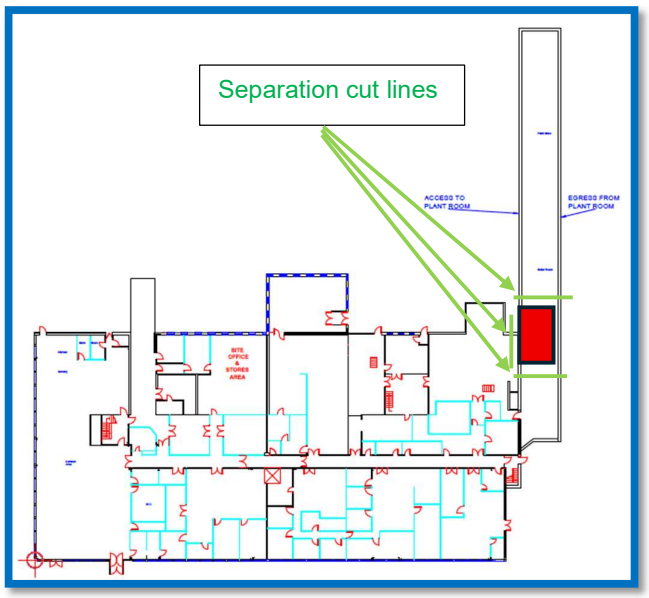
To assist the removal of waste streams from the building and to keep dust etc contained an opening is to be created in the rear of the building that will allow waste bins to be located within the building footprint.

With the site office and stores area cleared of Asbestos and soft stripped, utilising a 360◦ Demolition Rig with a variety of attachments outer wall and roof section is to be carefully removed in line with existing building framework.
Where required temporary scaffold handrails are to be installed.

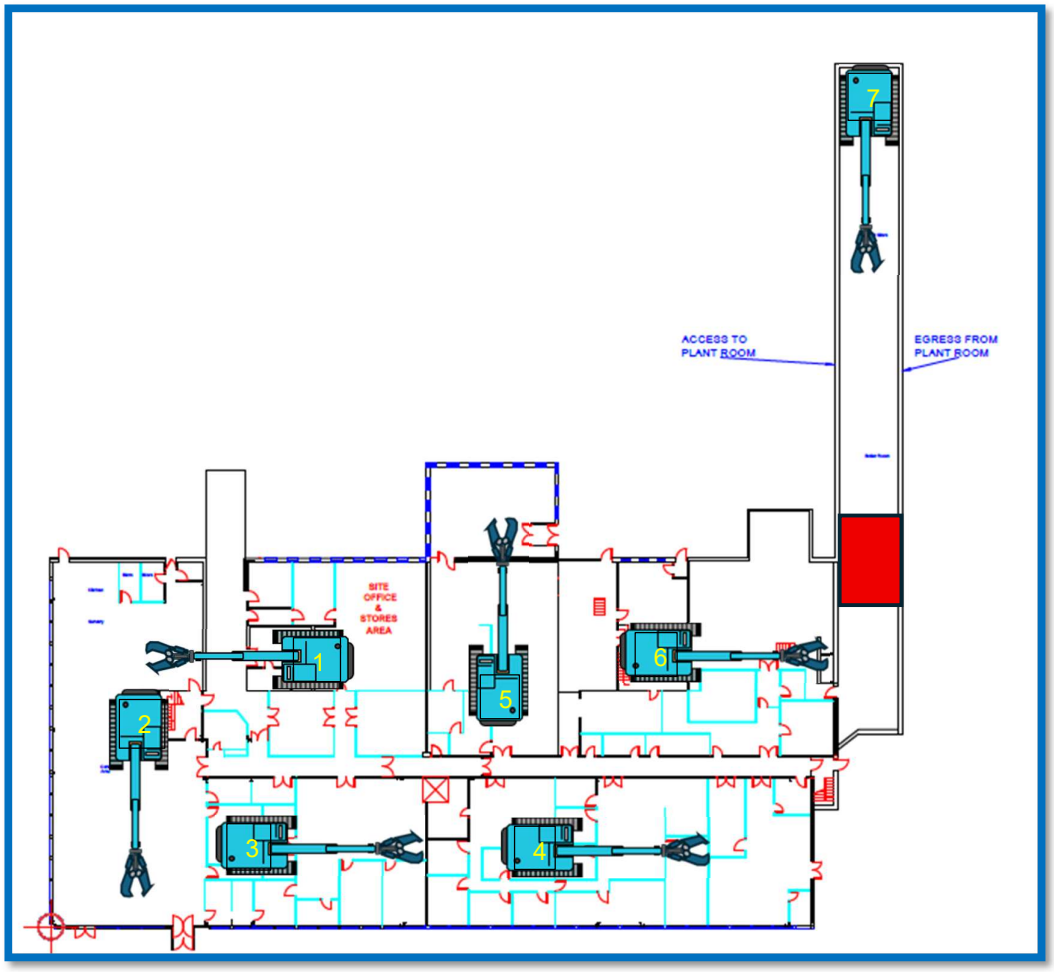




Using hand demolition techniques, a building separation cut is to be made either side of the electrical sub- station.



Utilising a 360◦ Demolition Rig with a variety of attachments the buildings is to be progressively demolished back into the building footprint as per Plan below:



Waste streams are to be separated and removed to Licenced Waste Facilities. Slabs are to be left as a trip free zone.



While demolition of Main building is underway the security office is to have any identified Asbestos removed and the structure is to be soft stripped. Structure is to then be demolished. All waste streams are to be separated and removed to Licenced Waste Facilities. Site is to then be left as a trip free zone.

Temporary works
Heras Fencing- To be installed as per manufacturer's instructions.
Scaffolding- Separate design and installation RAMs to be provided.

Position	Name	Email	Phone
Temporary Works Co-Ordinator	TBC		
Temporary Works Supervisor	TBC		

9. Equipment

Manual Works / soft strip					
Demolition bar	✓	Impact drivers		Recip saw	✓
Sledgehammer	✓	Shovels	✓	Mattock	✓
110v breakers	✓	Brooms	✓	Pick	✓
Disc cutter / Grinder	✓	Small hand tools	✓	Hot cutting equipment	
Task lighting	✓	Pumps		Heat / air fans	

Access					
Podium	✓	Hop-up	✓	Ladders	
Aluminium scaffold tower	✓	MEWP Boom		MEWP	
Scaffold – TG20		Scaffold - Designed	✓	Man - Safe	
Crane and man basket					

Demolition Plant / Equipment					
700 High Reach – Dem Spec		350 - Dem Spec	✓	14 - Dem Spec	
550 High Reach - Dem Spec	✓	300 - Dem Spec		8 - Dem Spec	
Demolition curtain	✓				
Other					

Materials Handling / Processing Plant					
Kobelco 350	✓	Roll – on – off lorry	✓	Mobile screening plant	
Kobelco 300		Tipper lorry		Front loading shovel	
Kobelco 14		Articulated dumper		Dozer	
Kobelco 8		Mobile crushing plant		Skid steer	

Dust Management					
Dust cannon	✓	On plant dust suppression	✓	Dust extraction	
Dust boss	✓	Pressure washer / launce	✓	Handheld bottle / spray	✓
Moto-fog	✓	Tractor / bowser			✓

Special Requirements					
Crane – Contract Lift		Powered Hoist		Hi-ab lift	

Crane – Internal lift		Mast climber		Roller	
GPS excavators					
Other					

HOLD POINT	Wring Group Site Supervisor to ensure all elements of Section 7 - Methodology is clearly understood and communicated with all site staff		
	Signed	Name	Date

10. Risk Assessment - Aspects and Impacts Assessment

Risk Assessment

Specific risk assessments must be read in conjunction with Wring Group Ltd Standard Operating Procedure (S.O.P) Risk assessments.

Understanding this risk assessment: The initial hazard / risk has been classified as a High (H) Medium (M) or Low(L) in the risk rating column. The measures to control the hazard / risks should lower the hazard / risk rating to an acceptable level. If measures to lower the hazard and risk are detailed in this document they must be followed. If the controls are not sufficient or the hazard / risk changes you must contact your supervisor.

Using the following tables, the site identified hazards are calculated and rated on their hazard / effect and probability rating. The final tables show actions that must be taken following the identification of the residual risk rating.

Severity Guide

		PROBABILITY		
		L	M	H
HAZARD EFFECT	L	L	M	M
	M	M	M	H
	H	M	H	H

Hazard Effect Rating

LOW	MEDIUM	HIGH
First aid, no lost time, so significant effect or pollution	Short term absence from work / significant pollution	Fatality / major injury, significant environmental incident / damage

Probability

LOW	MEDIUM	HIGH
Unlikely occurrence	Occasional occurrence	Comon / regular occurrence likely to occur

Residual Risk

LOW	MEDIUM	HIGH
Tolerable risk	Work may continue with added supervision, further controls to be implemented	Stop – seek managerial advice

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
Security	Trespass by unauthorised persons	Persons entering site without authority especially children. Serious injury / death – coming into contact with hazards on site in live demolition / work areas. Other persons on site. Serious injury from failure of equipment if items to do with safety are tampered with by unauthorised persons	**M**	• Client or Wring Group are responsible for site boundary fencing and security for the project. Site teams and operatives to ensure all fencing is maintained in secure and safe condition. • Ensure all access points are kept clear and banksman assigned for movement of site vehicles/deliveries where necessary. • Site fencing to be checked at beginning and end of each working day to ensure no unauthorized access possible – check clamps/secure fasteners fencing etc. • Erect adequate signage to ensure all persons are warned of the works to include site contact details • Main gates are manned, internal gates must be kept closed and secure at all other times. • All operatives' details recorded via Staff and Visitor Register. • Un-authorized third parties to be escorted to site office for details and then escorted off site. Repeat infringements to be reported to the police. •	**L**
Security	Breach of site boundary due to inadequate fencing / signage / locks	Persons entering site without authority especially children. Serious injury / death – coming into contact with hazards on site in live demolition / work areas.	**M**	• Before starting work: ensure all fencing is erected by competent persons. • Ensure all access points are kept clear and banksman assigned for movement of site vehicles/deliveries of necessary. • Safe working: site fencing to be checked at beginning and end of each working day to ensure no unauthorized access possible – check clamps on Heras Fencing etc. Erect adequate signage to ensure all persons are warned of the works i.e. parent warning signs, construction traffic, hard hat, deep excavations etc. •	**L**
Welfare	Incorrect use of site-based welfare facilities	All persons entering the welfare unit. Bacterial infections / illness, damage to equipment, burns, scalds	**M**	• Suitable site welfare facilities in accordance with HSE regulations are to be provided by. • No eating/drinking or smoking is allowed on site unless in designated areas. • Welfare facilities to be regularly cleaned and inspected. Washing facilities to be well stocked and checked regularly. Toilet facilities to be cleaned at a minimum of weekly intervals. Welfare requirements and the safe/correct use of to be communicated to the workforce during induction. •	**L**

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
Site	Failure to use correct PPE/RPE or to use RPE/PPE incorrectly	All persons entering / working on site. Death, serious injury, injury, cuts / abrasions / crush injury / eye injury / respiratory illness / hearing damage	H	• The following must be worn as a minimum at all times: • Hard HAT • High Viz vest / jacket • Industrial safety boots • Suitable / task specific eye protection • Suitable / task specific gloves • Where required suitable RPE. (Sundstrom SR100 minimum) • Failure to wear PPE / RPE will result in immediate removal from site.	M
Asbestos	Uncovering / disturbing unidentified materials during soft strip / demolition works / excavations. Breathing in asbestos fibre due to incorrect handling / work with asbestos containing materials	Operatives carrying out the works. Respiratory illness, cancer, mesothelioma. death. Other persons in close proximity to include public, other workers, visitors to site. Respiratory illness, cancer, mesothelioma. death.	M	• Secure area to prevent others from accessing the area. • Notify the site supervisor, project manager and asbestos manager immediately. • Cover affected area with polythene, add fencing and signage warning of the hazard. • Low risk. i.e. uncovered in open area when excavating materials without significant exposure. • Carry out a personal decontamination process by wiping down equipment and clothing. • High risk. i.e. uncovered during soft strip where dust has been created creating a significant exposure. • Full decontamination process required. • Keep away from other site users. • Contact asbestos manager. • Dispose of all clothes and seal in double plastic bags. • Office to record exposure and ensure health monitoring is carried out.	L
All areas	Slips, trips and falls	All persons entering / working on site. Musculoskeletal injury, broken bones, cuts, abrasions, bruising, twists / sprains.	M	• Pathways to be kept clear of obstacles wherever possible. • All employees to be advised to maintain a safe environment. • Keep all access points clear. • Good housekeeping. • Only use designated access points. • Use designated pedestrian routes where available. • Supervisor to check primary and emergency access routes at the start of each shift. • Access routes included in team briefing.	L

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
				• Ensure open edges / pits / voids are barriered off to protect workforce and visitors.	
All areas	Incorrect manual handling – General.	All persons entering / working on site. Dropping loads or incorrect moving / lifting can cause: - Musculoskeletal injury, broken bones, cuts, abrasions, bruising, twists / sprains.	**M**	• Follow information in Wring Group S.O.P. • Avoid hazardous manual handling operations so far as is reasonably practicable. • Persons must only lift what they feel comfortable to do so. • All persons lift different at different capacity, the person making the lift must identify the weight that is suitable to them. (Please see drawing below for a guide) • Assess the risk posed from lifting operations and avoid it if possible. • Reduce the risk of injury by utilising control measures to lower the risk to as low as is reasonably practicable. • Operatives should follow systems and procedures set out for the works. • Utilise manual handling aids where required. • Ask for help is a load is too heavy. • Where possible always allow a lift to be carried out mechanically. • During manual demolition works, split the loads down to make them smaller. • If in doubt do not attempt a lift / move, ask for help first. • The team carrying out the works must review risk assessments and site procedures, if they see a better way to carry out lifts, they must communicate this to the Site Demolition Supervisor. • Take into consideration how lifts are carried out. • What is the load? Liquid, solid and the size. • Follow training given. • Keep back straight and lift with the legs. • Ensure a good grip on item. • Keep the item close to your body as possible. • Ensure the load is stable and will not fall apart as the lift is undertaken.	**L**

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
All areas	Incorrect manual handling – Task	All persons entering / working on site. Dropping loads or incorrect moving / lifting can cause: - Musculoskeletal injury, broken bones, cuts, abrasions, bruising, twists / sprains.	M	• Can the task be carried out another way. • Utilise mechanical aids to move loads which are too heavy / awkward to manually move. • Where large volumes of materials are produced from soft strip / manual demolition, items will be placed in stockpiles / drop zones to minimise distances travelled. Items then will be moved with demolition rigs and hydraulic grapples. • If items have to be moved consider the method of movement, if it is too heavy / awkward to manually carry a lifting / movement aid must be used. • If pushing or pulling is required ensure the correct posture is used. Use the hands to push keeping the torso largely upright and do not twist. Hands should be kept between the hip and shoulder height. • The distance should be no more than 20 m without a break. • Does the lift require two people? If so, the individuals carrying out the lift should be of similar hight and capability. Discuss the lift prior to starting and communicate throughout the lift.	L
All areas	Incorrect manual handling – Environment	All persons entering / working on site. Dropping loads or incorrect moving / lifting can cause: - Musculoskeletal injury, broken bones, cuts, abrasions, bruising, twists / sprains.	M	• Assess the environment before lift takes place, ensure the route is clear. • Is the route over rough uneven ground? If so, can the load be moved mechanically, if not can the ground be levelled. • Is the ground dry, firm and level? • If the ground is wet and slippery can the lift be postponed until dry and not slippery? If not another method of lifting should be considered. • Check that the load you are to carry does not obstruct a clear view ahead.	L
All areas	Collision between pedestrians and plant, vehicles, transport.	All persons entering / working on site. Dropping loads or incorrect moving / lifting can cause: - Musculoskeletal injury, broken bones, cuts, abrasions, bruising, Crush injury, death.	H	• Separate pedestrian and vehicle routes where reasonably practicable. Pedestrians to wear high visibility jackets and clothing. • Working areas to be appropriately lit. • Active demolition areas to be clearly designated with secure fencing and signage. • Minimise un-necessary plant movements e.g. locate fuel bowsers as close to working area as safely possible. • Follow principals of exclusion zones as per Wring Group S.O.P. • Educate operatives with task briefings and information.	M

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
Demolition area	Failure of demolition plant – overloading / roll over	Demolition plant operator, site operatives, public: - Death, serious injury, crush injury, cuts, broken bones, lacerations, damage to property.	**M**	• Follow Wring Group S.O.P. Demo Rigs. • Follow all relevant information, training and instruction. • Observe load charts in machine. • Attachments correctly sized for demolition plant. • Check for ground voids and stability of the ground surface prior to commencing works. • Ensure working pad and ramps are constructed in a safe manner following Industry standards and CPCS training information. • Competent and certified operators.	**L**
Demolition area	Failure of demolition plant – Mechanical failure	Demolition plant operator, site operatives, public: - Death, serious injury, crush injury, broken bones, lacerations, damage to property.	**M**	• Regular maintenance regime. • Operator checks completed prior to each shift. • LOLER equipment inspected annually / 6 monthly as per legislation.	**L**
Demolition area	Damage or structural collapse of equipment / assets not intended for demolition	Buildings / assets Adverse effect / structural damage / collapse Injury / death		• Ensure a detailed pre demolition audit • Daily briefings • Marking / protection with physical barriers of items to be protected • Clear communication between plant operators and supervisors • Toolbox talks • Liaison with PC • Provision of non-working supervisor	
Demolition area	Premature collapse of structure	All persons entering / working on site. Death, serious injury, broken bones, cuts, abrasions, damage to property.	**M**	• Structure assessed prior to commencing works. • Drop zones extended if poor build quality is encountered. • Operator experience. • Minimise use of multiple working faces – one structural section to be demolished at any one time. • Internal works will ensure following site investigations, that no structural elements are removed during the soft strip elements of work. • Floors will not be overloaded with stored wastes during soft strip works.	**L**

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
Site	Demolition – Debris ejected from working area / dropped when loading	Local residents, public.: - Death, serious injury	**M**	• Demolition processes designed to allow all materials to be brought inward into the footprint of the building during the demolition. • Care to be taken when raking through reinforcement bar – concrete to be crushed where possible. • Work areas to be secured and high-risk areas where items may fall must be controlled primarily with a protection system such as demolition curtain or scaffold and sheeting, the site must also utilise a secondary protection system such as an exclusion zone. • Maintain the exclusion zones, ensure correct space and configuration are adhered to. • Lorries must not be loaded over cab. • Exclusion zone around lorries / skips while loading must be maintained.	**L**
site	Incorrect working with vibrating tools. HAVs	Operative working with tools.: - Industrial white finger, carpel tunnel syndrome, loss of feeling, effected grip, pain.	**M**	• Information instruction and training. • Ensure the tool is the correct tool for the job, before you start, is there another way to do the job that doesn't require a vibrating tool? • If you have to use the tool, make sure it is in good condition, blades / chisel points must be sharp and the correct item for what is to be cut / broken. • Read SOP for tool and discuss with Demolition Site Supervisor your trigger times for the tool and requirements for the tool. • Utilise wrist monitors to warn of completion of allocated trigger time where applicable. • Demolition site supervisor to monitor trigger times and ensure rotation of operatives is carried out where possible. • Record all exposure times.	**L**
All areas	Inhalation of respirable dusts	All persons entering the work area: - Respiratory complications, death	**M**	• Follow a detailed plan of works. • Utilise dust suppression methods during manual and mechanical demolition operations. • Follow detail written in specific SOP for the task/tool you are using. • Task specific dust suppression such as spray bottle and water must be used during operations such as soft strip activities and minor manual demolition operations to control dust. If the spray bottle does not effectively control all	**L**

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
				dust, ensure a face fitted half mask is used. Operative must be clean shave and have a face fit test relevant to the type of mask used. • Disposable coveralls during dusty works should be used but removed prior to leaving the works area at a decontamination area so that dusts are not transported to the welfare and other areas. • Motofog and jet wash use must be considered during mechanical and demolition and other dusty activities. Refer to SOP for these items. • Dust monitoring must be carried out regularly and details recorded in site diary. High readings must be communicated directly to the Project Manager and SHEQ Co-ordinator.	
All areas	Inhalation of Aspergillus	Persons with a weakened immune system such as hospital patients. Respiratory complications, lung disease, death	**M**	• Aspergillus fumigatus is a species of fungus. • It can be found throughout the environment, including in soil, plant matter, and household dust. • The fungus can also produce airborne spores called conidia. Most people can inhale many of these spores on a daily basis. • Aspergillus is not harmful to persons with a healthy immune system, however for those who have a weakened immune system spores can cause infection in the lungs or sinuses.	**L**
All areas	Exposure to noise	All persons entering / working on site. Hearing loss and hearing complications, tinnitus.	**M**	• Establish noise exclusion zones. • Ear protection to be worn inside noise exclusion zone. • Excavators CE marked, doors to be closed as • required to minimise noise exposure. • Demolition site supervisor to ensure noise monitoring is carried out and recorded through the iPad App. • When using hammer attachments on the demolition rig, operators and site operatives to wear ear protection.	**L**
Site	Cuts and lacerations from handling sharp objects	Operatives: - Lacerations, cuts, puncture injuries	**M**	• Operatives to wear cut 5 gloves. • Works must be planned to eliminate working with sharp objects. • If it is unavoidable ensure works are limited to a minimum. • Broken class to be cleared away immediately and disposed of in a safe area.	**L**

Relevant area	Hazard	Who can be harmed and how	Risk Rating	Measures to minimise risk	Residual risk
Site	Explosion from flammable gases	Operators Workforce Burns / scalds / death Asphyxiation, due to lack of oxygen, smoke inhalation. Serious injury / life changing injury / death	**H**	•	**M**

11. Aspects and Impacts Assessment

Site specific Environmental aspects and impacts must be read in conjunction with Wring Group Ltd Standard Operating Procedure (S.O.P) Environmental aspects and impacts information.

Understanding this assessment: The initial hazard / risk has been classified as a High (H) Medium (M) or Low(L) in the risk rating column. The measures to control the hazard / risks should lower the hazard / risk rating to an acceptable level. If measures to lower the hazard and risk are detailed in this document they must be followed. If the controls are not sufficient or the hazard / risk changes you must contact your supervisor

Relevant area	Source/item	Impact rating	Pathway	Receptor	Control	Residual rating
	Noise	**M**	Air	Localised public and workforce, flora, fauna, aquatic life	• Limit working hours depending on location, ear protection for close proximity work. • Frequent monitoring regime.	**L**
	Dust	**H**	Air, water	Localised public and workforce, flora, fauna, aquatic life	• Reduce dropping of materials, utilise fine water mist sprays to contain dust (caution with mist spray run of and contamination of ground/water courses)	**M**
	Fuel/oil spills	**H**	Air, water	Localised public and workforce, flora, fauna, aquatic life, soil/ground	• Utilise drip trays and spill kits efficiently. Clean up spills immediately, ensure defect hydraulic/fuel/oil hoses are replaced/repaired. • Internal drainage system with interceptors.	**M**

12. Fire Risk Assessment

Fire is a constant and immediate risk in demolition, especially where hot works are being carried out. It is therefore imperative to make sure that the necessary precautions are in place. During demolition or structural alteration, it is vital that the fire plan is kept up to date as the escape routes and fire points may alter. It is vitally important that an effective means of raising the alarm in the event of a fire is available throughout the demolition process. All personnel should be continually updated regarding any amended fire plan.
The site fire safety plan must be based on the fire risk assessment, be specific to the site and be reviewed and updated periodically as circumstances change and to reflect the rapidly changing nature of demolition. It should detail:
(a) General site precautions, fire detection and alarm systems, temporary emergency lighting, fire extinguishers and fire points
(b) The need for escape routes inside the building, including corridors and stairwells, to be clearly signed and kept clear of obstructions as far as is reasonably practicable
(c) Instructions given to those on site of the required actions in case of fire
(d) Fire escape and communications (including an effective evacuation plan and procedures for calling the fire and rescue service);
(e) The need for clear access to the site and buildings to be maintained at all times
(f) Fire and rescue service access, facilities and co-ordination
(g) Arrangements for plant and vehicles, including where necessary the charging of electric plant and vehicles
(h) Temporary buildings including location, fire protection, construction and maintenance
(i) The use of fire-retardant coverings
(j) Measures to prevent fire spread from the site (where appropriate);
(k) The materials storage and waste control regime, with particular reference to flammable and highly flammable materials
(l) The maintenance of temporary electrical installations
(m) The requirements for a hot work permit regime where hot work cannot be avoided by other means
(n) Security measures to minimise the risk of arson.

A demolition site changes daily and to reflect the changes The WGL Supervisor is to review daily the Dynamic Site Fire Safety Risk Assessment and update it as necessary
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A demolition site changes daily and to reflect the changes The WGL Supervisor is to review daily the Dynamic Site Fire Safety Risk Assessment and update it as necessary.

13. Completion Criteria

All points to be reflected within the N.P.C

Items to be retained in correct storage area
N/A

Demolition of structures to
Ground Slab

Slabs and foundations removed to
N/A

All waste removed from site
To Licenced Waste Facilities.

Crushed materials storage location
N/A

Crushed material testing regime
N/A

Remediation completed to
N/A

Services to be marked
Substation & Live Services to be clearly marked.

Drains to be capped
At Slab level.

Site finish
Trip free zone.

Security fencing / hoarding to be left for
N/A

Full site photographic report to include boundary internally and externally
Pre & Post works.

14. Acceptance and Communication

Communication and briefing information
The Wring Group Site Supervisor shall brief all personnel on the safety aspects to be adhered to during the work by means of a safety induction briefing.
All personnel shall then be given a Method Statement briefing on the relevant sections of the operator's duties. This will cover the specifics of the Method Statement and the risk assessment.
All staff will acknowledge understanding of the Method Statement by signing the Method Statement attendance sheet.
The Wring supervisor will answer any questions raised during or after the briefing.

15. Acknowledgement of Demolition Plan and Risk Assessments

I acknowledge that I have been briefed and understand the method statement and risk and environmental assessments associated with this project. I understand that this methodology may be changed and altered to suit the working conditions on site and that I shall be informed of all such alterations.
I also understand that this document must be read in conjunction with Wring Group Ltd Standard Operating Procedures (S.O. Ps) which will be confirmed by the Demolition Site Supervisor.
I understand it is my responsibility to comply with the information stated in these documents and should I see or witness a situation that could pose a risk to others or myself I must communicate it with my supervisor.

NAME	SIGNATURE	DATE		NAME	SIGNATURE	DATE

16. Amendments

Amendment sheet			
Site Based Method Statement and Risk Assessment This assessment and procedure have been written in addition to the existing Method Statement and associated Risk Assessments for work being carried out during the demolition process.			
Task?			
Reason for change?			
Who is making the change?		Date	
Risk Assessment			
Hazard	Who can be harmed and how?	Controls	

Method / Process	
Author to sign and communicate this information with workforce	

17. Acknowledgement of amendments

Acknowledgement of Demolition Plan and Risk Assessments

I acknowledge that I have been briefed and understand the method statement and risk and environmental assessments associated with this project. I understand that this methodology may be changed and / or altered to suit the working conditions on site and that I shall be informed of all such alterations.

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