

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

RISK ASSESSMENT RECORD 5x5 MATRIX

Reference No: ra1.....

Likelihood (Probability)

5. Almost Certain
4. Probable
3. Possible
2. Possible (under unfortunate circumstances)
1. Rare

Consequences (Impact)

5. Fatality
4. Major Injury, resulting in disability
3. Injury Requires, Doctor's or Hospital
2. Minor Injury, 1st Aid required
1. Minor Injury, 1st Aid not required

Likelihood

High
Low

5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5

CONSEQUENCES

Low High

Risk

High
Medium
Low

16-25 - STOP IMMEDIATELY: Take actions to reduce risk before reconvening activity.

13-15 - URGENT ACTION: Stop or take action immediately as situation dictates. Maintain existing control measures rigorously whilst taking actions to reduce risk as appropriate.

09-12 - ACTION: Look to reduce risk in manage time-scales

04-08 - MONITOR: Maintain monitoring criteria, look to improve where opportunities exist or present themselves. Action where significant changes are found.

01-03 - NO ACTION: Maintain monitoring criteria, review on significant changes.

Risk assessment register:

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

COMPANY RISK ASSESSMENT RECORD Reference No: ra002.....

HAZARD/WORK ACTIVITY ASSESSED	<u>MATERIALS STORAGE</u>
LOCATION	<u>SITE 18 Kenyon Lane</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	S	L	S x L	WHO MAY BE HARMED
1. Injury from falling materials	3	2	6	EMPLOYEES ☒
2. Injury to trespassers, especially children	4	2	8	SUBCONTRACTORS ☒
3 Environmental contamination	2	2	4	OFFICIAL VISITORS ☒
4. Endoskeletal injuries from lifting materials	4	3	12	GENERAL PUBLIC ☒
5 Injury from mechanical lifting/delivery equipment	5	3	15	☐
6. Fire spreading	5	3	15	☐
7.				☐
8.				☐
9.				
10.				

CONTROL MEASURES
1. Ensure that minimum quantities of materials are supplied to the site in line with the programmed works, thus reducing quantities of materials stored which prevents unnecessary damage. 2. Ensure that all material storage areas are level. 3. Follow the manufacturer's recommendations with respect to temperature, humidity, and stacking requirements. 4. For hazardous materials COSHH assessments must be completed and passed to employees. 5. Palletised loads should not exceed two pallets in height. 6. Loads must be lifted correctly, and manual handling information and training to be provided to employees. 7. Whenever practicable, mechanical lifting/delivery equipment is to be provided minimizing manual handling.

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Risk Assessments

8. Whenever mechanical handling equipment is utilized, you must ensure that it is regularly inspected and operated by competent employees. Also, ensure that you have adequate space for safe manoeuvrability and where necessary, designate authorised routes and set speed limits.
9. Compressed gas cylinders will be stored upright, away from accommodation and construction activities.
 10. Stacks of cylindrical objects such as pipes to be stabilized using chocks etc.
 11. Material stacks should be limited in height to ensure stability, no more than 2m.
 12. Drums and containers must be clearly marked to indicate contents.
 13. Secured storage is provided for all hazardous materials to prevent unauthorized access.
 14. Trays or bunds are provided where necessary beneath containers to prevent ground contamination.
 15. Guardrails will be fitted to storage areas where persons could fall more than 2m.
16. Hazardous materials e.g., highly flammable liquids, and explosives (Hilti cartridges) should be stored separately, and their issue controlled.
17. Deliveries by HIAB should be monitored and controlled, and all lifting operations should not pass over personnel, plant & equipment, or accommodation.
 18. Please ensure that spoil piles are placed directly into skips whenever possible.
19. It's important to keep any flammable materials away from buildings, equipment, trees, and fencing.
 20. Ensuring the safety of the site requires the installation of suitable fencing.
 21. Break down loads or a mechanical lift.

SIGNIFICANT RISKS	S	L	S x L	
1. Injury from falling materials	3	1	3	
2. Injury to trespassers, especially children	4	1	4	
3. Environmental contamination	2	1	2	
4. Endoskeletal injuries from lifting materials	2	1	2	
5. Injury from mechanical lifting/delivery equipment	3	1	3	
6. Fire spreading	4	1	4	
7.				
8.				
9.				
10.				

PERSONAL PROTECTIVE EQUIPMENT			
SAFETY HELMET	☒	EAR DEFENDERS	☐
SAFETY BOOTS	☒		☐
GOGGLES/VISOR	☐		☐
		RESPIRATORY PROTECTION:	
			☐
			☐



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Risk Assessments

OVERALLS ☐	INFORMATION, INSTRUCTION, AND TRAINING verbal instructions and training will be given to operatives as necessary to ensure good housekeeping standards are maintained on-site. 1. Stability and stacking instructions will be given as needed to site operatives by the Site Manager ☐	 ☐
GLOVES ☒		REMEMBER PPE IS ALWAYS A LAST RESORT
EAR PLUGS ☐		

R Hardcastle

R Hardcastle

17/09/2025

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This risk assessment is to be used with 5 x 5 risk matrix Reference No: ra1

RISK ASSESSMENT RECORD Reference No: ra005.....

HAZARD/WORK ACTIVITY ASSESSED	<u>MOBILE SCAFFOLD TOWERS</u>
LOCATION	<u>SITE 18 Kenyon rd</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

SIGNIFICANT RISKS	H	M	L	WHO MAY BE HARMED	
1. Fall of persons	5	2	10	EMPLOYEES	☒
2. Fall of materials	4	3	12	SUBCONTRACTORS	☒
3 Falls of plant and equipment	5	2	10	OFFICIAL VISITORS	☒
4. Collapse of tower	3	2	6	GENERAL PUBLIC	☒
5 Overturning of tower	4	2	8		☐
6.					☐
7.					☐
8.					
9.					
10.					

CONTROL MEASURES

1. Only trained competent operatives will erect, modify, or dismantle scaffolding towers in accordance with relevant standards and manufacturer's instructions.
2. Towers should not be specified for use in the vicinity of overhead power lines.
3. Specifications for the use of tower scaffolds will consider the site ground conditions expected, height restrictions, and obstructions.
4. Ladder access should be internal and fixed to the narrowest side.
5. Maximum height-to-base ratio will not exceed 3:5:1 inside use and 3:1 external use without ties.
6. Ties will be used in exposed or windy conditions.
7. All tower platforms will be fully boarded and fitted with toe boards and guardrails.
8. Personnel and materials to be removed before the tower is moved.
9. All tower scaffolding shall be inspected on erection and on handover to or from contractors.
10. After alteration or adverse weather conditions, towers must be inspected by a competent person.
11. Towers over 2m in height must be inspected every seven days if they remain in place and the results recorded.
12. All tower scaffolds are to be tagged.
13. Tower must have toe boards fitted.
14. Towers used for storage must have brick guards fitted.

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

SIGNIFICANT RISKS				
	S	L	S x L	
1. Fall of persons	4	1	4	
2. Fall of materials	3	1	3	
3. Falls of plant and equipment	5	1	5	
4. Collapse of tower	3	1	3	
5. Overturning of tower	4	1	4	
6.				
7.				
8.				
9.				
10.				

INFORMATION, INSTRUCTION, AND TRAINING

- Persons erecting tower scaffolding must be competent to do so and some proof should be obtained.
- Operatives using mobile scaffold towers should be provided with information and instruction on safe access, use, and movement of the structure.

PERSONAL PROTECTIVE EQUIPMENT

SAFETY HELMET	☒	EAR DEFENDERS	☐	RESPIRATORY PROTECTION	☐
SAFETY BOOTS	☒	.....	☐	.....	☐
GOGGLES/VISOR	☐	.....	☐	.....	☐
OVERALLS	☐		☐		☐
GLOVES	☒			REMEMBER PPE IS ALWAYS A LAST	
EAR PLUGS	☐			RESORT	

R Hardcastle

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Risk Assessments

RISK ASSESSMENT RECORD Reference No: ra007.....

HAZARD/WORK ACTIVITY ASSESSED	<u>ASBESTOS-CONTAINING MATERIAL</u>
LOCATION	<u>SITE18 Kenyon Rd</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	S	L	L x S	WHO MAY BE HARMED
1. Inhalation of asbestos fibre	5	4	20	EMPLOYEES ☒
2.				SUBCONTRACTORS ☒
3				OFFICIAL VISITORS ☒
4.				GENERAL PUBLIC ☒
5				☐
6.				☐
7.				☐
8.				☐
9.				☐
10.				

CONTROL MEASURES

1. **A DEMOLITION AND REFURB SURVEY MUST BE OBTAINED BEFORE WORK COMMENCES**
2. Always ask prospective clients if asbestos or material containing asbestos may be encountered. Failure to do so may result in the exposure of employees and others – and criminal prosecution.
3. It is essential that before any work takes place an analysis by an approved laboratory, to establish the asbestos content and type, is performed.
4. Samples are only to be taken by trained and competent persons.
5. The HSE Area Office must be informed 14 days before the commencement of licensed work.
6. **Licensed work involving asbestos will be carried out by a licensed subcontractor who must supply a written method statement prepared and reviewed before the work commences.**
7. **Non-licensed work will only be carried out by trained and authorized operatives**
8. Access to the work area will be strictly controlled as appropriate.
9. Asbestos products removed will be double bagged or placed in sealed containers for disposal at a licensed tip.
10. During removal, PPE will be worn as required by specific assessment of the work and the minimum standard will be impervious overalls with a hood in addition to respiratory protection.

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11. Supportive documentation to be issued to identify disposal.

12. If any material is found that is suspected to contain Asbestos work will **STOP** in that area and a surveyor brought in to analyze the material.

SIGNIFICANT RISKS	S	L	S x L
1. Inhalation of asbestos fibre	5	1	5
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

INFORMATION, INSTRUCTION, AND TRAINING

1. Contractors carrying out asbestos removal to produce a copy of their license and proof of the competence training of operatives.

2. All operatives working with asbestos shall be conversant of the hazards associated with removal techniques, use of PPE and hygiene requirements.

PERSONAL PROTECTIVE EQUIPMENT			
SAFETY HELMET	☒	EAR DEFENDERS	☐
SAFETY BOOTS	☒	HI VIZ.....	☒
GOGGLES/VISOR	☐	.....	☐
OVERALLS	☒	.....	☐
GLOVES	☒		
EAR PLUGS	☐		
		RESPIRATORY PROTECTION: FACE FITTED FFP3 MASK ☒ ☐ ☐ REMEMBER PPE IS ALWAYS A LAST RESORT	



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COMPANY

RISK ASSESSMENT RECORD

Reference No: ra012.....

HAZARD/WORK ACTIVITY ASSESSED	<u>WORKING AT HEIGHTS</u>
LOCATION	<u>SITE 18 Kenyon</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	S	L	S x L	WHO MAY BE HARMED
1. Falls of persons	5	2	10	EMPLOYEES ☒
2. Falls of materials	5	3	15	SUBCONTRACTORS ☒
3 Falls of plant and equipment	5	2	10	OFFICIAL VISITORS ☒
4.				GENERAL PUBLIC ☒
5				☐
6.				☐
7.				☐
8.				☐
9.				☐

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Risk Assessments

10.				
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CONTROL MEASURES

15. Ensure safe means of access and egress.
16. All equipment is provided and maintained to required legal and other standards.
17. Erect signs and barriers directly below works to warn of overhead operations.
18. Erect edge protection at all openings or edges, this must be guardrails and toe-boards at 2m.
19. Where edge protection is not practicable identify alternative means of fall prevention/fall arrest.
20. Where there is likely to be debris falling, fans, chutes or full enclosures will be used to protect 3rd parties.
21. All operatives/subcontractors/visitors, working or passing below overhead operations, must wear a safety helmet.
22. All equipment used will be checked to ensure it is in good working order, to correct specification and in date for inspection.
23. Work will be monitored to ensure that additional precautions and equipment is taken into use if edge protection is removed.

SIGNIFICANT RISKS	S	L	S x L	
1. Falls of persons	3	1	3	
2. Falls of materials and equipment	3	1	3	
3. Collapse of structure	5	1	5	
4.				
5.				
6.				
7.				
8.				
9.				
10.				

INFORMATION, INSTRUCTION AND TRAINING

1. Information and instruction should be provided to all operatives working at height; this should include (but not limited to), details of the type of access equipment to be used, the correct access/egress procedures, safe use/maintenance of the access equipment, any inspection requirements, etc.
2. Training and instruction must be provided to all operatives and supervisory staff involved in the use of harnesses and how to wear, use, attach, inspect and assess PPE of this type.

PERSONAL PROTECTIVE EQUIPMENT

SAFETY HELMET	☒	EAR DEFENDERS	☐	RESPIRATORY PROTECTION
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SAFETY BOOTS	☒	SAFETY HARNESSES	☒		☐
GOGGLES/VISOR	☐		☐		☐
OVERALLS	☐		☐		☐
GLOVES	☒			REMEMBER PPE IS ALWAYS A	
EAR PLUGS	☐			LAST RESORT	

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RISK ASSESSMENT RECORD

Reference No: ra017.....

HAZARD/WORK ACTIVITY ASSESSED	<u>DISPOSAL: WASTE MATERIALS</u>
LOCATION	<u>SITE 18 Kenyon Rd</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	S	L	S x L	WHO MAY BE HARMED
1. Building and demolition waste	4	2	8	EMPLOYEES ☒
2. Asbestos & asbestos-containing materials	5	3	15	SUBCONTRACTORS ☒
3 Flammable materials, flashpoint>21 degrees C	4	3	12	OFFICIAL VISITORS ☒
4. Substances hazardous by ingestion	5	2	10	GENERAL PUBLIC ☒
5 Lead and lead compounds	2	2	4	☐
6. Reactions e.g. explosion from mixing waste	4	2	8	☐
7. Loading scrap steel (separate risk assessment)				☐

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Risk Assessments

8.				☐
9.				☐
10.				☐

CONTROL MEASURES

1. Construction Health and Safety Plan to include waste disposal procedures for items of controlled waste that are foreseeable during the project.
2. Skips and containers to be clearly marked indicating restrictions on disposal of particular kinds of waste.
3. Waste materials are to be collected at regular periods to prevent fire hazards from combustible waste.
4. Wastes including asbestos and lead compounds to be removed by specialist contractors.
5. All flammable waste to be stored separately away from construction activities and buildings.
6. Liquid waste, (e.g., paints, brick acid), should NOT be disposed of through drainage systems, wherever practicable, they must be returned to the supplier for safe disposal.
7. All hazardous substances must be identified and relevant COSHH and PPE information provided to employees exposed to those substances.
8. DO NOT MIX waste liquids, serious reactions may occur including the container exploding.
9. DO NOT transfer hazardous waste materials/liquids into unmarked containers always keep them in their original containers.
10. Site Manager will ensure that building and other controlled waste are placed in suitable containers so that transfer notes can be completed accurately.
11. Disposal of waste into skips will be monitored to ensure that unauthorized disposal is prevented.
12. Waste materials will only be passed to registered carriers.
13. Transfer notes will be completed before removal from site, copies are to be retained for 2 years.

SIGNIFICANT RISKS	S	L	S x L	
1. Building and demolition waste	2	1	2	
2. Asbestos & asbestos-containing materials	5	1	5	
3. Flammable materials, flashpoint>21 degrees C	5	1	5	
4. Substances hazardous by ingestion	5	1	5	
5. Lead and lead compounds	2	1	2	
6. Reactions e.g. explosion from mixing waste	5	1	5	
7. Loading scrap steel(separate risk assessment)				
8.				
9.				
10.				

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Risk Assessments

INFORMATION, INSTRUCTION AND TRAINING	
1.	Contractors and personnel to be briefed on the requirements for waste disposal.
2.	Hazardous wastes to be identified at induction training and any specialist waste disposal techniques or PPE to be outlined.

PERSONAL PROTECTIVE EQUIPMENT			
SAFETY HELMET	☒	EAR DEFENDERS	☐
SAFETY BOOTS	☒	HI VIS	☒
GOGGLES/VISOR	☒	.....	☐
OVERALLS	☐	.....	☐
GLOVES	☒		
EAR PLUGS	☐		
		RESPIRATORY PROTECTION: ☐ ☐ ☐ REMEMBER PPE IS ALWAYS A LAST RESORT	

R Hardcastle	<i>R Hardcastle</i>	17/09/2023
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HAZARD/WORK ACTIVITY ASSESSED	<u>MINOR DEMOLITION</u>
LOCATION	<u>SITE 18 Kenyon Rd</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	S	L	S x L	WHO MAY BE HARMED
1. Unplanned collapse of structure or part	5	3	15	EMPLOYEES ☒
2. Inhalation of dust	3	3	9	SUBCONTRACTORS ☒
3 Exposure to excessive noise	3	3	9	OFFICIAL VISITORS ☒
4 overhead or underground services	5	2	10	GENERAL PUBLIC ☒
5 Striking by falling objects	5	2	10	☐
6. unknown contaminated substances	5	3	15	☐
7.				☐

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

8.				☐
9.				☐
10.				

CONTROL MEASURES

1. Notification should be made to the local authority in relation to:
 - a) Noise
 - b) Disposal of waste
 - c) Sealing of drains and sewers
 - d) Highway easements
2. This assessment restricts demolition to single-story buildings.
3. Underground services to be located utilizing site plans and location equipment.
4. Work area to be sealed off utilizing a demarcation line/physical barrier.
5. Overhead power lines are to be shrouded/disconnected as required HSG 47 guidance will be followed.
6. Water, gas, and electric services to be disconnected outside of the work area prior to work commencing.
7. Demolition and refurbishment Asbestos survey to be carried out prior to work commencing.
8. Any licensed asbestos is to be removed prior to work commencing.
9. Dust is to be controlled by dampening down, and housekeeping.
10. Associated noise, known to be above the action level, to be controlled by work rotation and barriers.
11. Work sequences are to be planned and defined by Site Manager.
12. Safe access and egress will be always maintained.
13. Suspect substances or contamination to be investigated before work commences. Where contaminants are found during the demolition process the area must be evacuated and tests carried out to ascertain the contents.
14. Monitoring is to be continuous to ensure that all voids and open edges are covered and/or fenced off as appropriate.
15. All demolition is to be planned and carried out only under the supervision of a competent person.
16. Ensure that a safety method statement is available to operatives prior to work commencing.
17. NO OPERATIVES TO ENTER THE EXCAVATOR EXCLUSION ZONE.

SIGNIFICANT RISKS	S	L	S x L	
1. Unplanned collapse of structure or part	5	1	5	
2. Inhalation of dust	2	2	4	
3. Exposure to excessive noise	2	1	2	
4. overhead or underground services	5	1	5	
5. Striking by falling objects	5	1	5	
6. unknown contaminated substances				
7.				
8.				

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Risk Assessments

9.				
10.				

INFORMATION, INSTRUCTION, AND TRAINING

3. Operatives to be trained in the use of the machinery to be used, the sequence of works, demolition techniques used, and exclusion zones.
4. COSHH data and noise assessments to be made available.
5. Minimum CSCS card.
6. Fire/Emergency procedures and demolition sirens to be explained to all site operatives and where necessary tested.

PERSONAL PROTECTIVE EQUIPMENT

SAFETY HELMET	☒	EAR DEFENDERS	☒	RESPIRATORY PROTECTION:
SAFETY BOOTS	☒	HI VIZ.....	☒	DUST MASK..... ☒
GOGGLES/VISOR	☒	.....	☐	..... ☐
OVERALLS	☒	.....	☐	..... ☐
GLOVES	☒		☐	REMEMBER PPE IS ALWAYS A
EAR PLUGS	☒		☐	LAST RESORT

R Hardcastle

R Hardcastle

17/09/2023

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RISK ASSESSMENT RECORD Reference No: ra030.....

HAZARD/WORK ACTIVITY ASSESSED	<u>UNDERGROUND SERVICES</u>
LOCATION	<u>SITE 18 Kenyon Rd</u>

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	H	M	L	WHO MAY BE HARMED
1. Contact with electricity or gas supplies	5	3	15	EMPLOYEES ☒
2. Flooding from water services	1	2	2	SUBCONTRACTORS ☒

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Risk Assessments

3 Contact with sewage	2	1	2	OFFICIAL VISITORS	☒
4 Explosion or asphyxia from gas leak	5	2	10	GENERAL PUBLIC	☒
5. Interface with fibre optic mains	1	1	1		☐
6.					☐
7.					☐
8.					☐
9.					☐
10.					

CONTROL MEASURES

2. All work to be planned in advance.
3. Full details of underground services will be obtained in advance from the relative authority.
4. Full consultation will be held with relevant authorities to agree precautions to be carried out before work begins.
5. Site Manager to ensure that services are located and marked before work begins.
6. Plans and cable location equipment to be available and not to be assumed definitive.
7. Trial holes to be dug, by hand, to confirm locations, taking into account of physical indicators such as junction boxes, manholes and ground conditions.
8. The lines and depths of services to be marked, using paint, wooden pegs etc., before work begins.
9. All services are to be assumed to be live until proven otherwise.
10. Services crossing excavations to be supported.
11. Services in concrete to be isolated, where practicable, before work operations begin.
12. Work to be ALWAYS supervised.
13. Work to comply with HSG47.

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

SIGNIFICANT RISKS	H	M	L	WHO MAY BE HARMED	
1. Contact with electricity or gas supplies	5	1	5	EMPLOYEES	☒
2. Flooding from water services	1	2	2	SUBCONTRACTORS	☒
3 Contact with sewage	2	1	2	OFFICIAL VISITORS	☒
4 Explosion or asphyxia from gas leak	5	1	5	GENERAL PUBLIC	☒
5. Interface with fibre optic mains	1	1	1		☐
6.					☐

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7.				☐
8.				☐
9.				☐
10.				

INFORMATION, INSTRUCTION AND TRAINING

1. Operatives locating services to be trained in the use of the location equipment.
2. Operatives will be briefed as to the current course of actions when discovering known/unknown services.
3. Operatives briefed in emergency procedures when services are breached/damaged.

CONTROL MEASURES

14. All work to be planned in advance.
15. Full details of underground services will be obtained in advance from the relative authority.
16. Full consultation will be held with relevant authorities to agree precautions to be carried out before work begins.
17. Site Manager to ensure that services are located and marked before work begins.
18. Plans and cable location equipment to be available and not to be assumed definitive.
19. Trial holes to be dug, by hand, to confirm locations, taking into account of physical indicators such as junction boxes, manholes and ground conditions.
20. The lines and depths of services to be marked, using paint, wooden pegs etc., before work begins.
21. All services are to be assumed to be live until proven otherwise.
22. Services crossing excavations to be supported.
23. Services in concrete to be isolated, where practicable, before work operations begin.
24. Work to be ALWAYS supervised.
25. Work to comply with HSG47.

Before Controls S = Severity L = Likelihood S x L = Severity x Likelihood

INFORMATION, INSTRUCTION AND TRAINING

4. Operatives locating services to be trained in the use of the location equipment.
5. Operatives will be briefed as to the current course of actions when discovering known/unknown services.
6. Operatives briefed in emergency procedures when services are breached/damaged.

PERSONAL PROTECTIVE EQUIPMENT

SAFETY HELMET	☒	EAR DEFENDERS	☐	RESPIRATORY PROTECTION:
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SAFETY BOOTS	☒	HI VIS.....	☒		☐
GOGGLES/VISOR	☒		☐		☐
OVERALLS	☐		☐		☐
GLOVES	☒		☐	REMEMBER PPE IS ALWAYS A LAST RESORT	
EAR PLUGS	☐		☐		

R Hardcastle

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DATE

Please ensure that this risk assessment is reviewed for each site and at least once a year.
This risk assessment is to be used with 5 x 5 risk matrix Reference No: ra1

C.O.S.H.H. Assessments:

1. DIESEL
2. HYDRAULIC OIL

COSHH SUBSTANCE DETAILS AND RISK ASSESSMENT RECORD

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

PRODUCT: -DIESEL 	COMPANY – SUPPLIER: - LOCAL SUPPLIER
USAGE: - PLANT FUEL	
WHO MAY BE HARMED: - OPERATIVES	
CHEMICAL CONSTITUENTS: - PETROLEUM Flammable Liquids - Category 3 Skin Corrosion/Irritation – Category 2 Germ Cell Mutagenicity – Category 2 Carcinogenicity - Category 2 Specific Target Organ Toxicity (Single Exposure) - Category 3 (respiratory irritation, narcosis) Aspiration Hazard – Category 1 Hazardous to the Aquatic Environment, Acute Hazard – Cat 3	
HAZARDS:- FUMES – FLAMMABLE	
PRECAUTIONS:- AS PER CONTROLS – PPE AS SPECIFIED Flammable liquid and vapor. Causes skin irritation. Suspected of causing genetic defects. Suspected of causing cancer. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Harmful to aquatic life.	
CLASSIFICATION:-  Health hazard  Flammable  Hazardous to the environment	
PPE:-     	
FIRST AID:- Eyes In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention. Skin	

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Risk Assessments

Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or with waterless hand cleanser. Obtain medical attention if irritation or redness develops. Thermal burns require immediate medical attention depending on the severity and the area of the body burned.

Ingestion

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Monitor for breathing difficulties. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

STORAGE:-

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

FIRE FIGHTING MEASURES:-

Fire Extinguisher

In case of fire: Use water spray, fog or foam to extinguish.

Prevention:- Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and forearms thoroughly after handling.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood. Avoid breathing fume/mist/vapours/spray.

APPROVED FOR USAGE BY	<u>Roy Hardcastle</u>	DATE	<u>17-09-25</u>
ASSESSED BY	<u>Roy Hardcastle</u>	DATE	<u>17-09-25</u>

Qualitative Risk Assessment Hierarchy of Control:- H = **High Risk** M = **Medium Risk** L = **Low Risk**

		Potential Severity of Harm (S)					(S) x (L) =	
		1	2	3	4	5	Risk Rating	
Likelihood of Harm (L)	1	1	2	3	4	5		
	2	2	4	6	8	10	1-4	Low
	3	3	6	9	12	15	5-10	Medium
	4	4	8	12	16	20	12-25	High

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments

	5	5	10	15	20	25		

RISK ASSESSMENT

SUBSTANCE							WHO IS AT RISK:- OPERATIVES								
PRIOR CONTROL SIGNIFICANT RISKS				H - High	M - Med	L - Low	H	M	L	CONTROLLED RISKS			H	M	L
1.	Skin contact (burns, irritation)							X							X
2.	Eye contact (burns, irritation)							X							X
CONTROL MEASURES															
1. Plant items to be refueled from the diesel storage tank. 2. Refuelling also from marked containers.															
PPE (Additional)															
Glasses, gloves, mask															
RISK REVIEW:- When significant findings have occurred, periodical review and changes in legislation.															

PRODUCT:- Pirtek Hydraulic Oil	MANUFACTURER – SUPPLIER:-
	Risk Assessment Number:-
USAGE :- Hydraulic oil.	
PLEASE NOTE:- IF USED IN A PROCESS SYSTEM THEN A SEPARATE RISK ASSESSMENT IS REQUIRED.	
WHO MAY BE HARMED:- OPERATIVES	
CHEMICAL CONSTITUENTS:- Distillates (petroleum) solvent-dewaxed heavy paraffinic.	
HAZARDS:- Not Classified	
PRECAUTIONS:- AS PER RISK ASSESSMENT CONTROL MEASURES – PPE AS SPECIFIED	
CLASSIFICATION:-  Health hazard	
PPE:-	

Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ

Risk Assessments



FIRST AID:-

General information

Get medical attention if any discomfort continues.

Inhalation

If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Get medical attention if any discomfort continues. Do not induce vomiting.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

STORAGE - HANDLING:-

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Avoid spilling. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

FIRE FIGHTING MEASURES:-

Extinguish with foam, carbon dioxide, dry powder or water fog.

Do not use water jet as an extinguisher, as this will spread the fire.

WASTE DISPOSAL:-

This material and its container must be disposed of as hazardous waste. Dispose of waste via a licensed waste disposal contractor

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Qualitative Risk Assessment Hierarchy of Control:- H = High Risk M = Medium Risk L = Low Risk

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	4	4	8	12	16	20	12-25	High
	5	5	10	15	20	25		

RISK ASSESSMENT

Pirtek Hydraulic Oil 46					WHO IS AT RISK:- OPERATIVES							
PRIOR CONTROL SIGNIFICANT RISKS		H - High	M - Med	L - Low	H	M	L	CONTROLLED RISKS		H	M	L
1.	Skin contact					X						X
2.	Eye contact					X						X
3.	Inhalation – droplets etc – when contaminated					X						X
4.												
CONTROL MEASURES												
- Follow the health and safety advice given on the product - product datasheet. - Hazard Awareness - Correct Usage - Mandatory PPE - Correct Storage - Handling - Fire fighting measures - Correct Waste Disposal												
RISK REVIEW:- When significant findings have occurred, periodical review and changes in legislation.												



Safe system of work for the demolition of 18 Keyon Lane, M40 9JQ
Risk Assessments

I Confirm that I have read and understood the safe system of work above and will abide by it.

Name: _____ **Job Title:** _____ **Date:** _____

Name: _____ **Job Title:** _____ **Date:** _____



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Risk Assessments

Name: _____ Job Title: _____ Date: _____

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