ASTRA DEMOLITION

METHOD STATEMENT FOR THE;

STRIP OUT, DEMOLITION AND SITE CLEARANCE

AT:



170 BRIGHTON ROAD
LANCING
WEST SUSSEX
BN15 8LL

DATE: 18th November 2018

PROJECT NUMBER: PM/018/11

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➢	The Management of Health and Safety at Work Regulations 1999
➢	The Control of Pollution Act 1974 (Amended 1989)
➢	The Environmental Protection Act 1990 (Amended 2016)
➢	The Personal Protective Equipment Regulations 2002
➢	The Lifting Operations & Lifting Equipment Regulations 1998
➢	The Provisions and Use of Work Equipment Regulations 2002
➢	Health and Safety at Work Act 1974
➢	Construction (Design and Management) Regulations 2015
➢	Control of Noise at Work Regulations 2005
➢	The Electricity at Work Regulations 1989.
➢	The Electrical Equipment (Safety) Regulations 1994.
➢	Avoiding danger from underground services HSG47
➢	Avoiding danger from overhead power lines GS6
➢	The Workplace (Health, Safety & Welfare) Regulations 1992.
➢	The Construction (Head Protection) Regulations 1989
➢	The Manual Handling Operations Regulations 1992.
➢	The Reporting of Injuries, Diseases & Dangerous Occurrences Regulations 2013. (RIDDOR)
➢	The Health & Safety (Safety Signs & Signals) Regulations 1996.
➢	The Confined Spaces Regulations 1997.
➢	The Health & Safety (Young Persons) Regulations 1997.
➢	The Working Time Regulations 1998. (Amended 2007)
➢	The Gas Safety (Installation & Use) Regulations 1998. (Amended 2018)
➢	The Control of Major Hazards Regulations 1999. (Amended 2015)
➢	The Control of Lead at Work Regulations 2002.
➢	The (Enforcing Authority) Regulations 1998
➢	The Dangerous Substances and Explosive Atmospheres Regulations 2002. (Amended in 2015)
➢	The Work at Height Regulations 2005
➢	The Control of Substances Hazardous to Health Regulations 2002.
➢	The Control of Vibration at Work Regulations 2005.
➢	Regulatory Reform (Fire Safety) Order 2005.
➢	The Control of Asbestos at Work 2012.
➢	Health and Safety in Construction 3rd Edition 2006
➢	The (First Aid) Regulations 1981 (Amended 2013)

➢	Corporate Manslaughter and Corporate Homicide 2007
➢	The Building (Amendment) Regulations 2017
➢	NHBC Standards 2017
➢	The Public Contracts Regulations 2015
➢	Unfair Contract Terms Act 1977

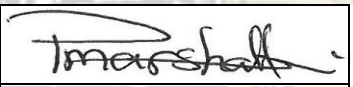
This list is not exhaustive. References for site works can be made to the following:

Disclaimer: This method statement is produced as part of the ***Astra Demolition Limited Safe*** System of Works and is intended to be used as a guide only for the Health & Safety of Company 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 **ADL** at the time of issue of this document.

As such no reliance should be placed (and ***Astra Demolition Ltd*** 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 Astra Demolition Ltd under general health and safety law

Proposed Commencement Date	12th December 2018	Period of Works	5 Weeks
Clients Reference	NA	Method Statement	PM/0218/11

Author	Peter Marshall	*Signature*	
Title	HS & E Consultant	Date	18th November 2018
Approved By	Mark Fowler	*Signature*	
Title		Date	18th November 2018

Revision	Date	Revision details	Revised by

1.0 Introduction

Brief description of works

Heras fence for protection will be placed across the frontage and as the demolition unfolds heras fence will be erected across both flanks and across the rear on the Waterside. An asbestos Refurbishment & Demolition Survey has been carried out on this structure. Half of the twin garage on the client's side will be removed. Soft strip works will be carried out followed by mechanical and piecemeal demolition. The slab and foundations/footings will be removed. The site will be left clear and tidy. Waste debris will be removed from site. No burning/fires will take place on the site.

2.0 Scope of Work

Limits of Work. Site Boundaries and Time constraints.

Works will be undertaken between:

Monday to Friday	08.00	17.00	Exceptions to times may be authorised by clients/clients' agents.
Saturday	08.00	13.00	As above.
Bank Holidays & Sundays	N/A	N/A	Non-Working.

All site personal and all drivers of delivery vehicles are to be aware of the timed restrictions as above and will be mindful that children and pedestrians may be using the footway and highway Access/egress and parking may change during the progress of the demolition phase.

NOTE: NO PARKING allowed by the contractor/sub-contractors within 6 meters of the site access/egress throughout duration of the demolition works. Site vehicles are to park in the designated areas which will become apparent as the demolition progresses to allow space. Site vehicles deliveries and the like must not block the access/egress. Vehicles must NOT park in on the footway or to any place not owned by the client, vehicles are to park in the designated site area when space becomes available, when using the highway contractors/sub-contractor drivers must only park where permitted and all drivers must adhere to the highway parking regulations and all associated enforcements.

Where more than one vehicle is attempting to enter/leave the site a contingency plan must be put into operation.

Deliveries of plant and/or equipment shall be notified to the site office/ site manager. Notice will be given of vehicle deliveries/movements where possible in advance. (Vehicle movements must be reported to the site manager/supervisor or agent throughout the demolition phase.)

The only access and egress in an emergency into the work area is via the existing: **A259 BRIGHTON ROAD** enter the site where space has been provided, via the existing Highway Route if approaching from Shoreham towards Worthing from the East the site will then be on the South Side of the highway thus allowing access into the site without crossing the road, parking is allowed within the marked areas on the highway adjacent to the premises, equally on the opposite side of the highway where parking bays are marked.

When approaching from the West do not cross the carriageway to access site but continue down to the roundabout and approach from the East.

All parking areas along the A259 within close proximity and adjacent are defined by use highway markings, highway enforcement, police authority and any highway traffic markings and enforcement notices.

Traffic Management

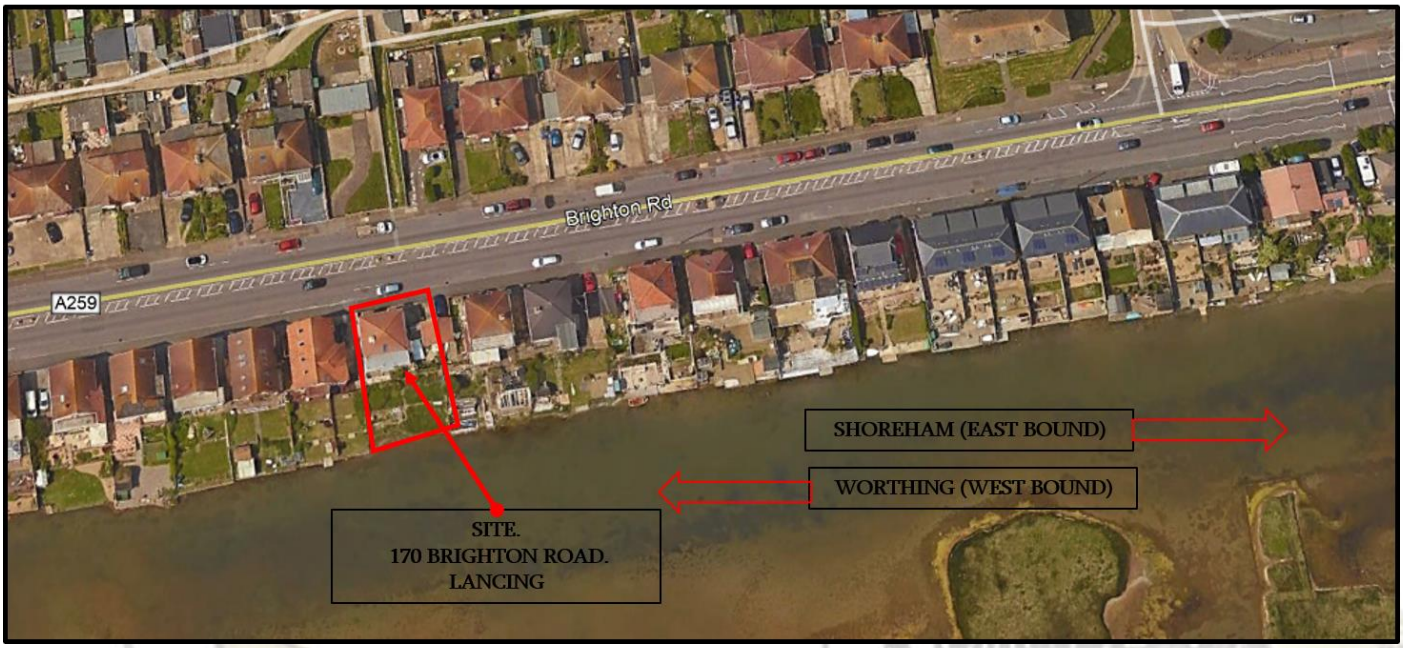
Refer to TMP -1-1A-1B-1C below. The following plans show the layout of the site. Site areas/parking/layouts are changeable as the demolition phase progresses and will as required addendums will be attached to the RAMs for this project.

Note not to scale

All drivers of vehicles including deliveries must use caution when accessing and egressing the site. Be aware of pedestrians using the footway out side of the hoarding, equally the A259 is a busy route for all vehicles, be aware of buses and the bus stops adjacent to the site.

TMP 1. Site location.

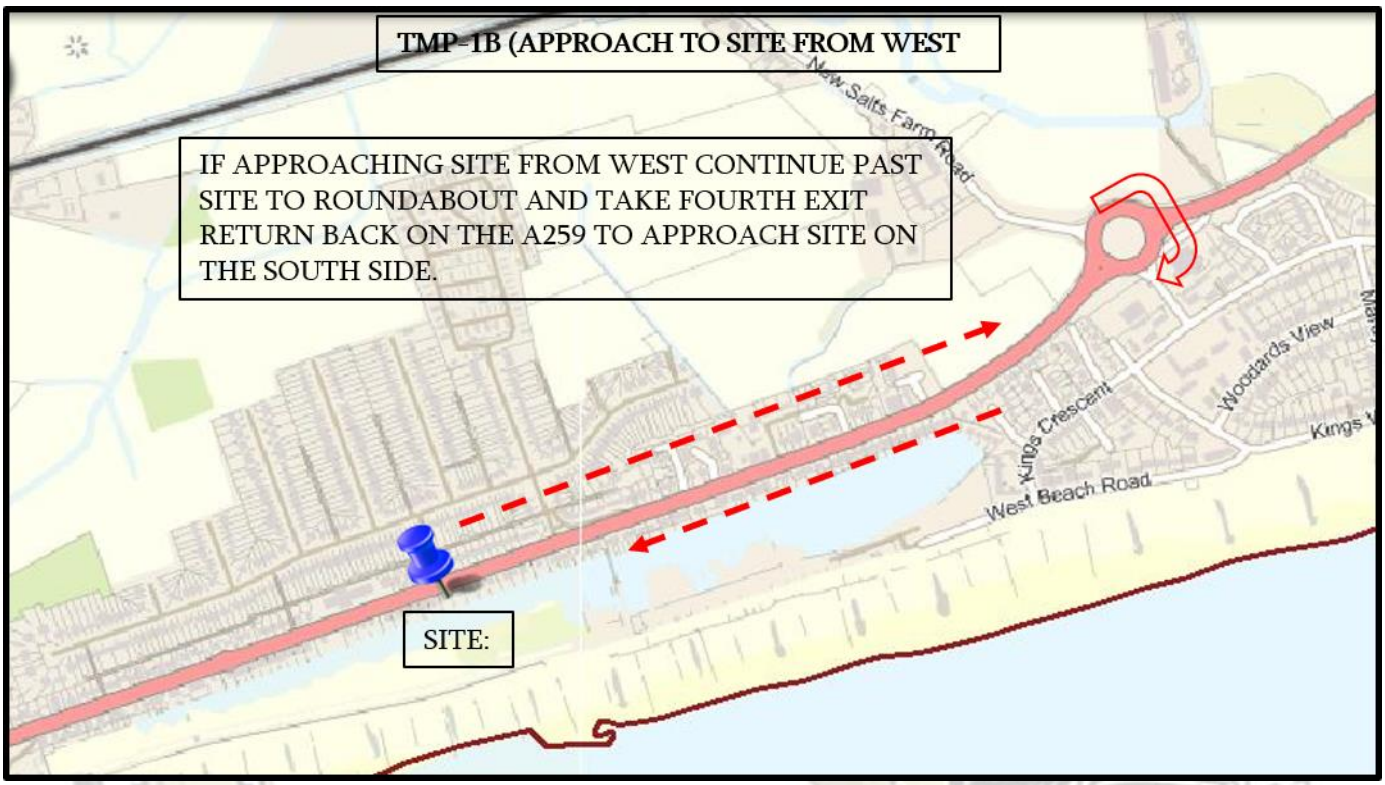
TMP-1. SITE LOCATION.



TMP-1A. SITE LOCATION BLOCK PLAN



TMP-1B (APPROACH TO SITE FROM WEST



TMP-1C. OVERVIEW OF ROUNDABOUT



Fuel & Oil containment

Spill kits will be on site and where refuelling takes place on site the spill kits will be positioned accordingly ready for immediate use.

All fuels that are to be stored on the site will be in double bunded containers. Fuel will be delivered to site where site criteria allows when required in order to reduce the risk of fuel left on site, all plant to be refuelled using electric or hand pump as provided.

Should a spillage occur refuelling shall cease, action will be taken to clean up the spillage immediately or as soon as practically safe to do so. Spillages are to be reported to the Site Supervisor/site agent and to ***Astra Demolition*** head office and the Health & Safety Officer immediately.

Services & Disconnection

NOTE: Certification of service isolation/terminations are to be submitted to Astra Demolition preceding any soft strip and structural demolition commencing. Revised / new drawings showing all remaining 'live 'locations etc. shall be drawn up and issued to the Astra Demolition site management team.

Representation to the utility suppliers for the termination of the current services entering the demolition site areas are to be undertaken by the client. Any temporary Builders Supplies (TBS) are to be arranged by the client, all drawings as appropriate to be issued to Health & Safety Consultant and Project Manager)Mr Peter Marshall) for Astra Demolition.

NOTE**** NO DEMOLITION WILL TAKE PLACE AROUND LIVE SERVICES

Protective Measures

Heras fence will delineate the frontage of the site at commencement of works to form a protective barrier and will be placed around all areas to form a complete exclusion zone up to and including the site boundary, and as a demarcation zone against any other boundary or other contractors works footprints on this site. All to be erected as the demolition phase progresses. **(Refer to PM-1 below)**

This will include any drop zones, pedestrian routes and vehicle routes again which shall be delineated by fencing or/and hoarding and will be in place around/in the works access area, where and if space allows without disruption to the highway and footway.

Warning signs are to be displayed and be visible at all points leading up to the site and around the boundary of the site and will be in force and clearly defined and signage attached to the barriers.

Any open voids at ground level will be protected and appropriate signage secured to the fence panels.

NOTE: As required all drain inspection covers and or gulley's within the site footprint which are to remain will be protected this will be carried out by the client/principle contractor.

Whilst the DEMOLITION PHASE is in progress the Demolition Manager/Supervisor HAS absolute control of the working area. Anyone wishing to access the area SHALL ONLY DO SO WITH HIS EXPRESS PERMISSION and will normally be accompanied during any site inspection.

PM-1.
Protective measures Heras fence



Heras fence to be erected to frontage and return on West & East flanks after garage and dwarf wall have been removed.

Heras fence to be erected across front of drive way prior to removal of garage. (Yellow bar denotes)



RED DOTTED LINE SHOWING HERAS FENCE OUTLINE WHEN DEMOLITION COMPLETED , REAR HERAS PANELS TO BE ERECTED PRIOR TO DEMOLITION COMMENCING TO PROTECT OPERATIVES FROM STRAYING TO WATERS EDGE.

Scaffold.

Scaffolding will be erected to the frontage and West flank only with a top working lift in order to remove the roof of the structure, appropriate works to be carried out as: (TG20:13 Good Practice Guidance for Tube and Fitting Scaffolding) Scaffold will **NOT** be removed or altered by other persons.

It is the duty of the appointed scaffold company to carry out all works requiring alterations/dismantling or any works to that scaffold.



DASHED RED LINESCAFFOLD TO FRONT WITH RETURN TO EAST FLASK AND THE RUN ALONG THE WEST FLANK FOR REMOVAL OF ROOF

The scaffold line is within the client's property and will not be erected on the public footway.

Note: It may be that a scissor lift MEWP/BOOM may be used to assist in the removal of the roof sections if so, an addendum will be written and inserted into the RAMs.

Fire Safety

A designated smoking area will be in place, Heras fence and suitable containers for the cigarette ends will be in place. Equally fire extinguishers will be in position at the smoking area. Extinguishers will be sited at various points around the site which will be moved as the demolition phases commence.

Noise and Dust reduction.

Due to the nature of demolition works noise and vibration cannot be eliminated entirely but reasonable steps will be taken to reduce any adverse effects of noise and vibration generated by the demolition works.

Dust suppression will be carried out by means of handheld hoses with nozzle attached to form a fine mist/spray which will be connected to a metered licensed stand pipe or temporary supply from existing water service as agreed by the client. The areas of demolition and dust issues arise those areas will be dampened down to suppress dust.

Dependant on the weather if it becomes inclement this will assist in the damping down and may eliminate the use of the hose.

4.0 Environmental Information

Hazardous Waste

It has not been identified but should be anticipated that there could be a risk of contaminated / toxic / flammable / explosive substances contained within the site area.

However due diligence will be given to ensuring that any redundant pipe work which may be found during demolition works and under the slab etc. is vented prior to removal, where such items require purging clearance certificates are to be issued from the appointed contractor.

Waste products are to be evaluated prior to disturbance or removal. All waste products and residues within containers must be identified and the appropriate action for handling and their disposal implemented. All potential for pollution or incident, especially within the vicinity of the works, regarding rat & pigeon droppings, etc. should be eliminated or reduced to the lowest expectancy.

Materials and containers giving rise to possible spillage or contamination of surrounding ground must be taken from site to be processed at a licensed facility. (Environmental Protection Act 1990)

ALL OPERATIVES AND VISITING DRIVERS ARE TO BE FULLY INDUCTED IN THE ELIMINATION & SAFETY PROCEDURES FOR POLLUTION CONTROL MEASURES.

All waste will be taken to a licensed landfill site, the waste tickets will be held on site by the demolition contractor

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Asbestos

NOTE: **PRIOR TO ANY SOFT STRIP/DEMOLITION WORKS A "REFURBISHMENT & DEMOLITION ASBESTOS SURVEY REPORT" MUST BE ISSUED TO THE DEMOLITION CONTRACTOR BY THE CLIENT.**
A refurbishment & Demolition Asbestos Survey has been carried out by TR Surveys'

Carried out 5th November 20108	Report issued 12th November 2018	Reference Number: Ap0012

Any materials containing ACMs found outside of those as defined within the R & D Survey issued, during the soft strip and demolition phases will be assessed, works will cease on that area, and an asbestos analytical technician will be used to take a sample which will analysed.

If found to be positive the contents will be removed under current legislation (CAR 2012.)

Notifiable: Works will only continue after clearance certificates have been issued by the asbestos removal company. Refer to section 7 for asbestos contractor.

5.0 Site Facilities

Welfare

(CDM-2015 schedule 2) Welfare facilities are to be provided by Astra, a separate toilet will be on site. Any damages or concerns with any of the welfare must be reported to the site supervisor and ADL main office.

The site supervisor will appoint a person from the site team to carry out housekeeping for the welfare, any damages, repairs will be reported to the site supervisor directly. Any repairs required will be acted on immediately

Site Access & Conditions

The site is to have a register system. Operatives and visitors will be required to sign in via the site offices. Induction/briefings to be given to all site operatives, all visiting personnel who enter the site.

Allowance for parking arrangements will be on site using the designated route and parking area which will be segregated by barriers and have signage securely attached.

6.0 Plant and Equipment

The following plant and equipment will be used on this site. Additional plant if required will be added to the list below by the supervisor, relevant certificates will be placed in the site file.

360˚ demolition excavator/s	*Attachments*	*Breaker/Bucket/Selecta grapple/shears/cracker*
	Various hand tools	*Haulage vehicles for waste materials.*

7.0 Personnel, Safety & Proficiency

Persons Responsible

The site manager/supervisor will be responsible for the site file held in the welfare unit/office during the working phase of the demolition. Addendums and certifications to include additional paperwork made during the works phase will be added to the site file as the demolition works unfold.

The Site Manager/ 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 operative's duties. Operatives will acknowledge the method statement by signing the appropriate page.

All personnel entering the site are to be inducted in accordance with Astra Demolition and as appropriate the client's policies. The induction training will emphasise the policy and objectives of the project, the potential hazards of the site, specific rules for this site, access/egress routes, fire drill and firefighting procedures, as well as both generic and site-specific risks and control measures.

Proficiency

A copy of all site operatives' certificates/additional contractors will be available for inspection, all documentation will be held in the site file. Where additional operatives or specialist contractors may be required to work on the site their certificates/method statements will be incorporated to the site file.

The **maximum** operatives on this site during the demolition phase will be:

Operatives	*4*	*Machine operators*	*1*	
Manager/Supervisor	*1*	*Mobile: TBC*		

Astra Demolition Ltd have a permit to work system which is held in the site file.

Permit to Work		

(It is not envisaged that any Hot Cutting is required on this project, however should the situation arise the following shall be carried out:-):

NOTE: *** If HOT cutting is used: The permit to work (Hot Cutting) will be issued by Site Manager/ Site Supervisor or if applicable by the client a copy will be held in the site file.

The appropriate actions will be carried out, i.e. correct fire extinguishers to be placed in close proximity to the work area, fire watch and checks to be carried out during the working time, especially the one-hour rule before site closure. The supervisor will check the hot works area again prior to leaving the site at the end of the working day.

References made to the following HSE information can be made, but not limited to.

Safety in gas welding, cutting and similar processes HSE: INDG297
HSE Working with Lead: INDG305
PPE (INDG174 (rev2) published 06/13)

ADL are to provide and ensure that approved PPE/RPE will be worn at all times during the duration of the works with additional equipment as required available.

Hard Hats	Gloves	Safety Boots	Hi Visibility Vests,	Dust Mask (FFP3)	Safety Glasses
EN388	EN387	EN235	EN471	EN149	EN166

The supervisor will carry out regular checks that PPE is being worn and will investigate incidents where it is not. All PPE is properly maintained and that defects are reported.

Contractors Information.

Client	Team P & P 254 Brighton Road Lancing West Sussex BN15 8LH	Contacts Telephone Mobile E-mail	Gary Purnell/Richard Procter garypurnell@hotmail.com
Principal Contractor	As Above	Contact	
Health & Safety Consultant. Demolition & Project Consultancy.	6C The Steyne Worthing West Sussex BN11 3DS	Contact Telephone Mobile E-mail	Peter Marshall 07833 586410 demolitionpc@outlook.com www.demolitionprojectconsultancy.co.uk
Demolition Contractor	Astra Demolition. Old Salts Farm Nursery. Old Salts Farm Road. Lancing. West Sussex BN15 8JQ	Contact Telephone Mobile	Mark Fowler 01903 766376 07867 598242
HSE	Health and Safety Executive: The Council Offices Station Road East Oxted Surrey RH8 0BT		Tel: 01883 732 400 Fax: 01883 732 444
Asbestos Report	TR Surveys 6 Royal Oak Cottages Main Road Crockham Hill Kent TN8 6RD	Contact Telephone Mobile E-mail	Terry Read 07939 333932 terryread@rocketmail.com
Asbestos Contractor (If required)			Note: Fill details in if required.

8.0 Methodology

Soft Strip

All areas of the buildings will be checked prior to the works and strip out. Where it is deemed that all or parts of the structure are unsafe to enter then these areas will be left. Oil and other residues as identified will be removed.

Operatives wearing correct PPE will use hand tools to carry out the bulk of the soft strip. These tools may include the following; Mattock, Bar, hand held jack hammers / bow saw/reciprocating saw.

During all soft strip activities, operatives will be advised on the need for vigilance in identifying hazardous substances and or materials. All such substances or materials will be assessed by the site supervisor and the appropriate action taken. In the event that these identified substances and or materials will pose an unacceptable risk to operatives during their removal, a specialist contractor will be engaged to carry out the works.

IT MUST BE NOTED THAT THE NEED TO ACCESS ROOF AREAS AND HEIGHTS SHOULD BE LIMITED TO THE LOWEST PRACTICAL NECCESITY.

Soft strip materials will be disposed of via suitable waste containers. Vigilance and care must be the watchword when removal of materials likely to spill or seep / escape to the ground. Such products must always be put inside sealed or secure containers.

Piecemeal Demolition

The garage side owned by the client will be reduced by piecemeal method. The garage is a double garage the West side belongs to plot 170. Operatives using a variety of hand tools working from Tower scaffold/podiums will remove the roof area and allow the waste to migrate downwards into the garage base. The flank wall will then be removed and all waste will then be cleared away into a small tipper for removal to waste facility.



Outline area of garage to be removed.

On completion of garage being removed the dwarf wall at the front of 170 will be removed allowing Heras fence to be erected. (As PM-1 Page 8)

Scaffold

Scaffold will be erected to the West flank and frontage of the structure. Operatives wearing correct PPE and using a variety of hand tools will remove a smalls section of the roof area at a time. All waste materials will be allowed to migrate downwards into the structure.

This method will be repeated throughout the roof removal until the roof has been completely removed.

Mechanical Demolition

(Sketch DM-1)
Commencing from the East flank of the structure in the now open space where the garage was the machine will carefully reduce the flak wall from top down a small section at a time allowing waste materials to migrate downwards into the structure. After reduction of a small section the operator will carefully reduce the front section a small manageable section at a time pulling the front wall inwards to the structure.

The system will be repeated so that the machine moves through the structure removing the internal floors and the frontage until reaching the West flank wall. This will then be reduced from top down in the same method pulling the wall inwards towards the machine and allowing all waste to migrate downwards into the structure.

At regular intervals the areas will be cleared of the waste , dragged out and placed behind the machine allowing a clear and clean area to work from.

(Sketch DM-2)
On completion of the front quarter being removed the operator will the commence demolition towards the rear of the remaining structure and repeat the operational system.

Waste will be separated into appropriate piles ready for removal to a licensed waste transfer station.

On completion of the shed structure being completed the machine will move forward to reduce the single storey area following the operation as with the shed.

During this process the operator will ensure that no part of the structure remains unstable.

This method will be repeated working progressively and carefully into the structure removing remaining roof trusses and walls. The demolition rigs shall remove waste materials and allow debris/concrete rubble to migrate down inwards within the footprint of the structure.

The machine shall progress through the building it will not approach further than a safe workable distance to the area where an adjoining centre structure is or where the integrity of the building will become unsafe and may be a potential for uncontrolled collapse. Each section of the buildings shall be evaluated for its integrity and reliance on adjacent internal & external walls.

The sections will in effect be taken down a bay at a time to ensure that all adjacent sections remain secure and safe until such time as the demolition process dictates otherwise. No section shall be left unsupported or in a dangerous condition at any stage of the works.

A banksman will be in situ to view and ensure that the operator is working safely. Any deviance to the structure or appears to be unsafe the banksman will signal the operator to stop.

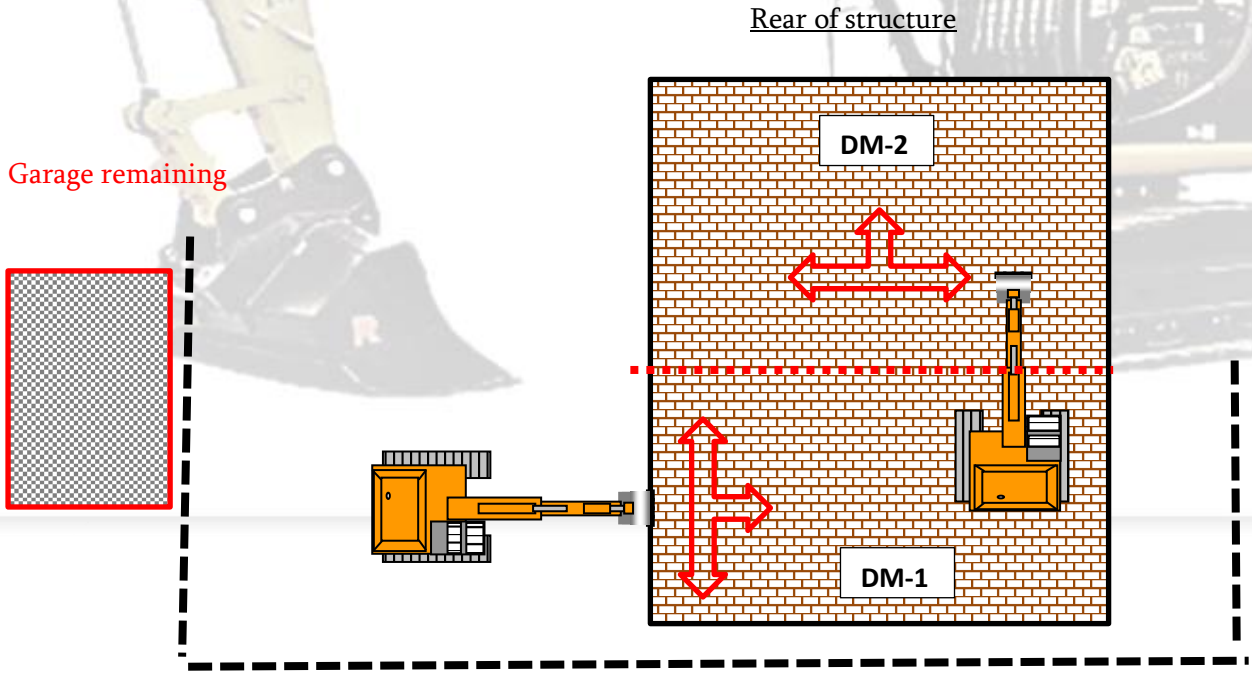
Due care must be taken as the demolition process continues to reach the site boundary. Equally vigilance must be the keyword when approaching the limitations of the site footprint. When the excavator approaches the front of the site.

At such times throughout the entire operation the angle will be determined by progressive assessments and structural evidence for safe support. Timber & steel members will be separated from the rubble and processed according to size and condition. Care will be taken to ensure that all sections of the structure will be pulled into the footprint of the building.

The operator of the demolition rig will leave sufficient bracing to maintain stability allowing him to carefully reduce the concrete, steel & masonry a few courses / elements at a time into the footprint of the building. A banksman will be positioned at site side elevations during these works to advise on any deviation in the vertical / perpendicular condition of the structure.

(Note; As the demolition progresses the operator may change the method direction dependant on structural stability and the operators view on the safest method to reduce the structure)
If agreed prior to or during the demolition process any hardcore/blocks will be stockpiled in the designated area. Debris and waste materials from the strip out and remains of the demolition waste will be removed from site.

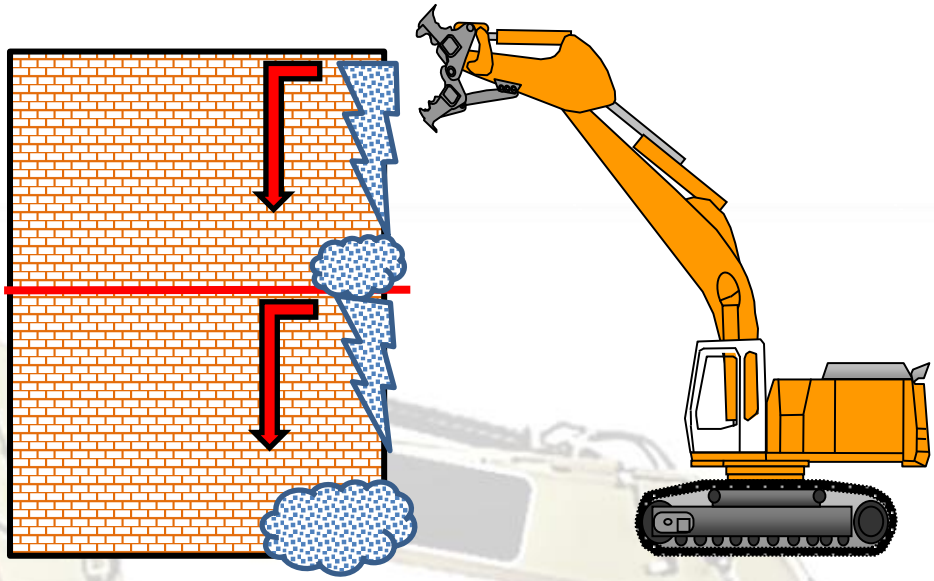
NOT TO SCALE
Sketch showing method of reduction into and across the structure



Heras fence Line for start of demolition after removal of garage and dwarf wall

Reducing a section of the main structure and then proceeding through and across the remaining structure reducing from top down to slab level as the structure is reduced the direction of the demolition may change as the operator determines the stability of the structure.

Sketch not to scale.



Side sketch showing reduction from top down, waste debris will be allowed to migrate downwards into the site footprint. From top down to the first floor, after which the method will continue from first floor to slab level.

All waste materials will be removed at regular intervals and placed to the rear of the machine to be separated into the designated stockpile areas, non-hardcore will be removed from site at the end of the demolition phase.

NOTE: The proposed demolition phase may change according to the stability and nature of the structures as they are removed. Equally if the situation relies on working from the rear due to any changes from the client's request.

Slab and Foundations

The demolition excavator attached with hydraulic breaker will commence from one side of the slab and break out the entire slab in small manageable sections at a time. Moving through the site and across. The excavator with bucket attached will the remove all broken out slab and foundations place the waste materials in a stock pile ready for loading onto haulage vehicle. The haulage vehicle will be sheeted prior to leaving site.

All hard standings will be removed, hard core will remain concrete will be removed unless requested to remain on site by the client, as agreed during the site inspection and client's confirmation.

The site will be left clear and tidy before decamping from site at the close of the works.

All waste amounting from the demolition phase will be removed to a licensed waste facility

9.0 Briefing Arrangements

Understanding

All staff will acknowledge understanding of the Method Statement by signing the Method Statement attendance sheet. The supervisor will answer any questions raised during or after the briefing.

Briefing

Demolition Site Manager will brief all operatives on any specific aspects within the Method Statement

General

Throughout all works, all operatives and visitors to site shall adhere to the Astra Demolition Ltd site rules and conditions. PPE and RPE commensurate with any given task or statutory requirement shall be worn.

Any person who willingly or knowingly chooses to ignore these conditions shall be asked to leave the site and not return.

Other Information

NOTE: It should be noted that this Method Statement is a live control document, and as such can be altered as any part of the works change or as the situation may dictate, it is to be expanded to detail individual operations undertaken on site on a daily basis, as necessary, where such operations may deviate from that which has been explained.

It is the responsibility of the site supervisor/manager to devise the safest system of work available to execute their works in a safe, proper and efficient manner.

All 'addendums' to this method must be made available to the Contractors Projects & Safety Manager for his approval, prior to the commencement of such operations. The client resident / visiting agent shall be kept advised of all changes and or alterations as he so required

Drawings & Plans

Any service technical drawings must be issued to the demolition contractor to be included in the site file and for safety to ensure all terminations have been carried out

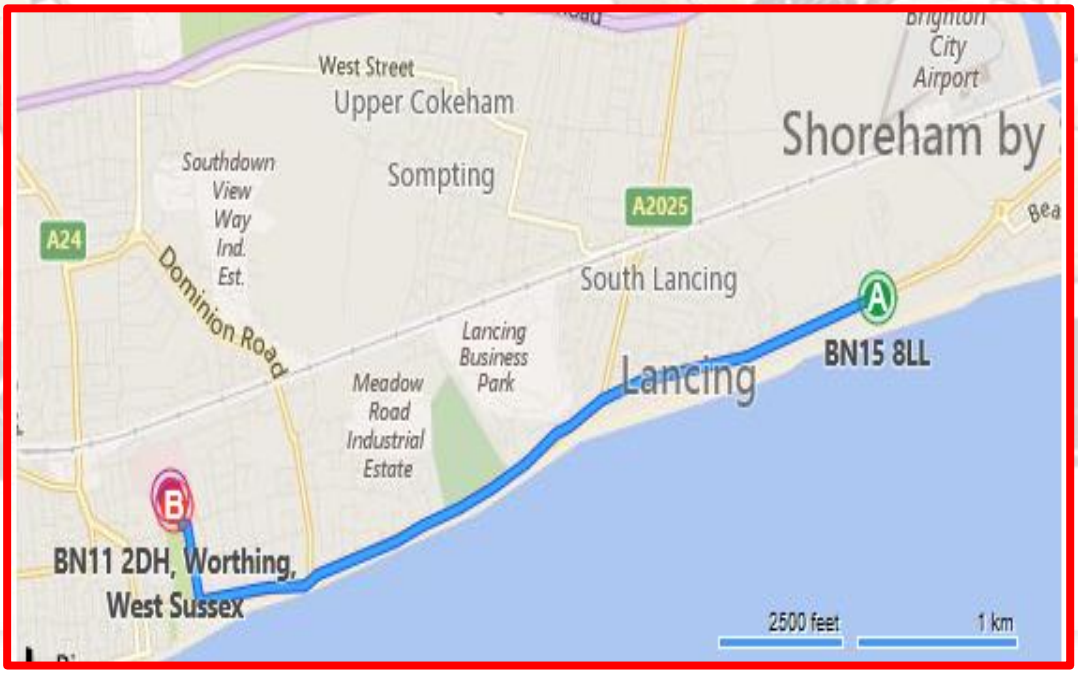
NEAREST HOSPITAL

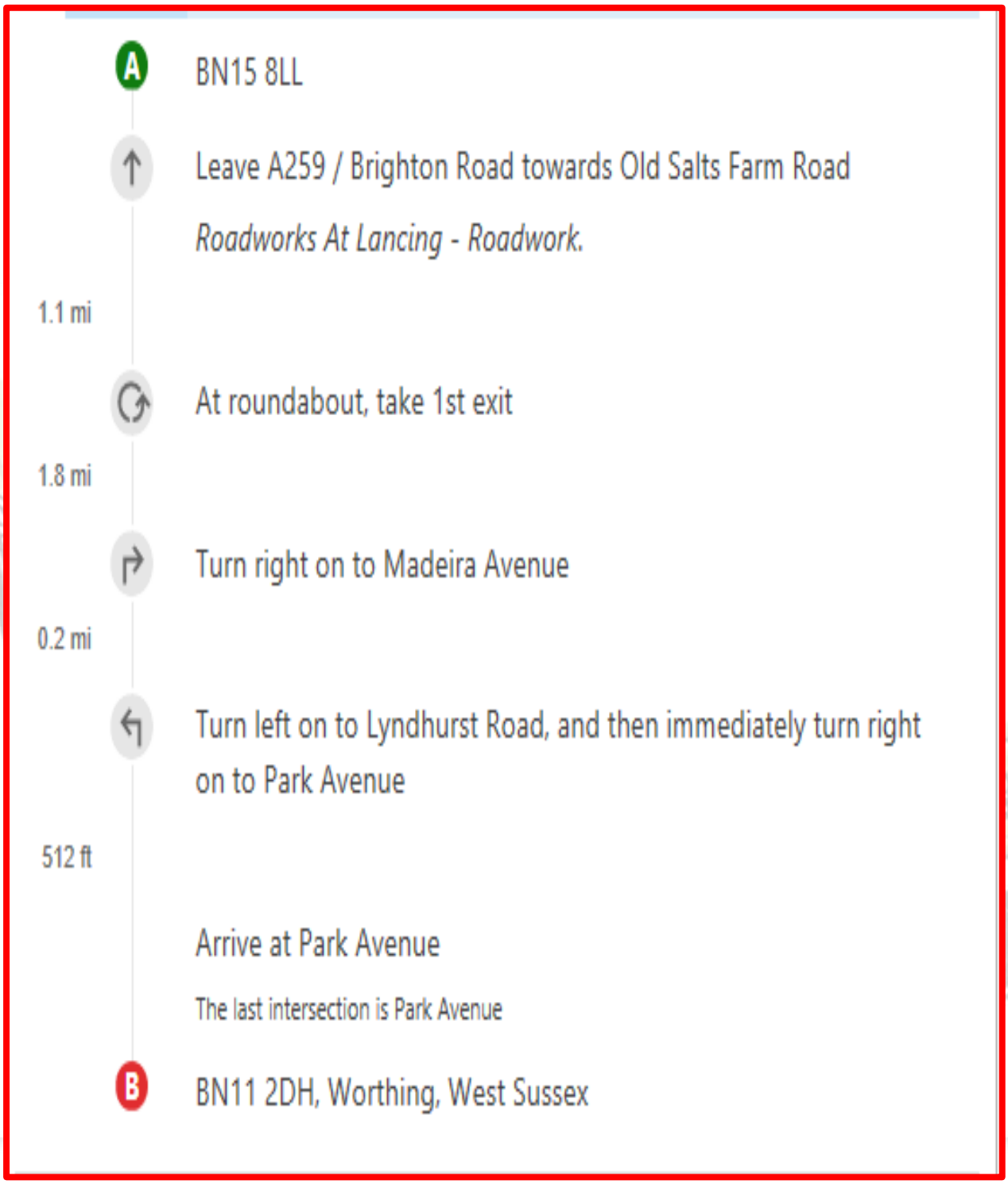
DISTANCE FROM SITE TO HOSPITAL: 3.2 MILES

Worthing Hospital

Lyndhurst Road
Worthing,
West Sussex
BN11 2DH

Tel: 01903 205111
Or
999



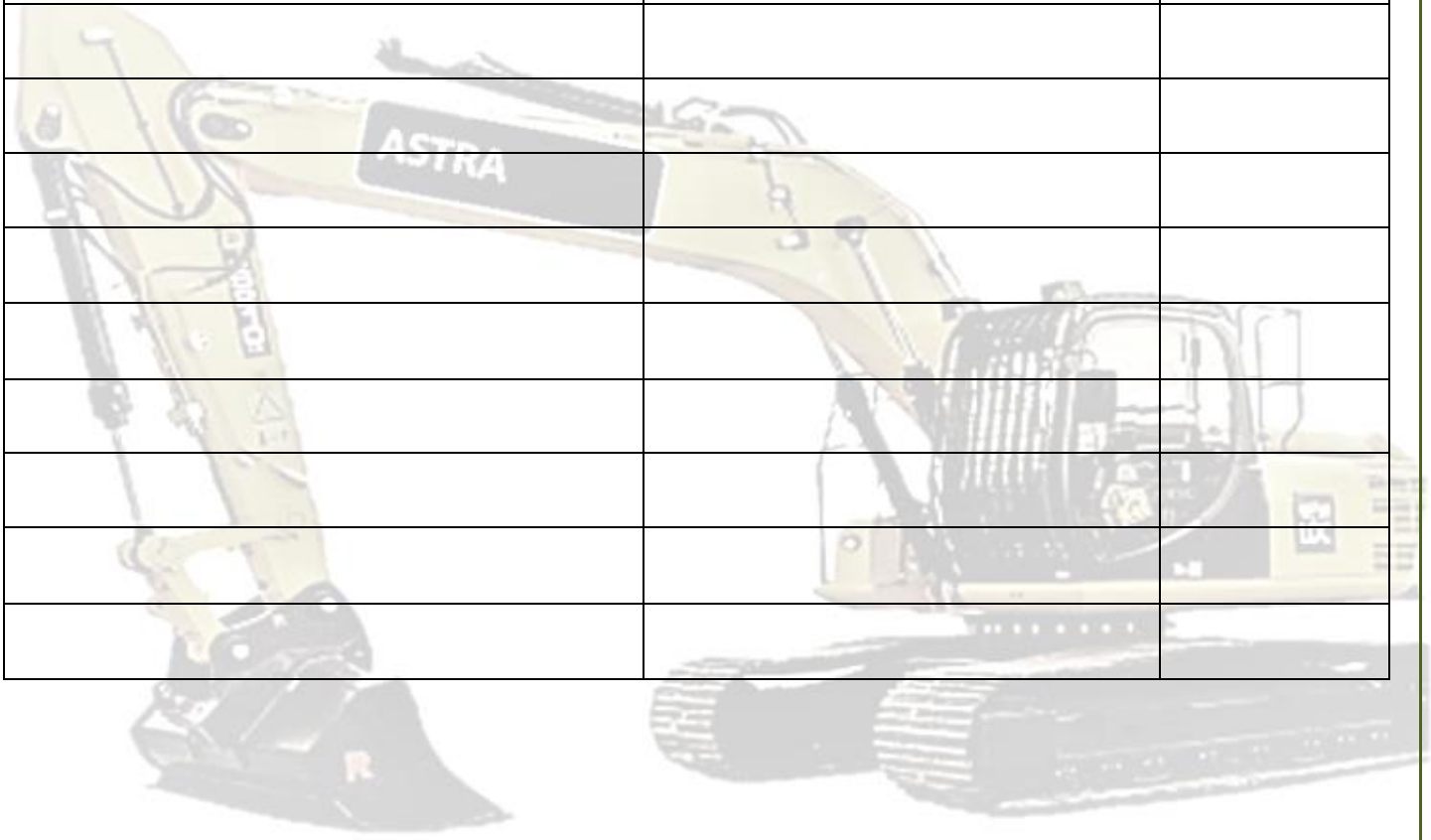


10.0 Acknowledgement

ACKNOWLEDGEMENT OF METHOD STATEMENT & RISK ASSESSMENTS

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

NAME	SIGNATURE	DATE



A: EXPECTED SEVERITY OF UNPLANNED INCIDENT	C: EQUALS RISK RATING					
MULTIPLE FATALITY (6)	6	12	18	24	30	36
FATALITY (5)	5	10	15	20	25	30
MAJOR INJURY (4) (AS RIDDOR)	4	8	12	16	20	24
NOTIFIABLE INJURY (3) (F2508)	3	6	9	12	15	18
MINOR INJURY (2)	2	4	6	8	10	12
NEGLIGIBLE (1) (NEAR MISS)	1	2	3	4	5	6
B : MUILTIPLIED BY FREQUENCY OR LIKLIHOOD OF THAT OUTCOMEACTUALLY OCURRING	VERY RARE (1)	REMOTE (2)	UNLIKELY (3)	REGULAR (4)	FREQUENT (5)	ALMOST CERTAIN (6)

1-8 LOW RISK	RISK CONSIDERED ADEQUATELY CONTROLLLED
10-16 MEDIUM RISK	WORK MAY PROCEED WITH CAUTION, BUT FUTURE PLANNING AND MANAGEMENT REVIEWS SHOULD LOOK TO REDUCING THE RISK.
18-25 HIGH RISK	DO NOT UNDERTAKE ANY ACTIVITIES WITH THESE SCORES UNTIL APPROPRIETE CONTROLS ARE IN PLACE AND THE RISIDUAL RISKS HAVE BEEN REASSESSED.
30-36 VERY HIGH RISK	SERIOUS AND IMMINANT DANGER EXISTS

Significant details of risk assessment or reference to risk assessment: -			
Hazard	Uncontrolled Risk	Control Measures to be applied	Residual Risk
Working with possible contaminated materials & non-notifiable asbestos --- ACOP L143 Car 2012 INDG223 PPE INDG 174 (Rev 2)	4	(Inhalation, ingestion or absorption through the skin.) Operatives will wear approved PPE/RPE for the works that they are carrying out. All operatives to be aware of the dangers of rat urine/Weils diseases/pigeon dander this will be given by toolbox talks. All operatives will conform to site policy/client's policy regarding PPE and issues that are relevant for that site. Eating/drinking are to be carried out in the designated areas i.e. Welfare/canteen. If asbestos containing material is suspected on site during the demolition phase, works in the area shall cease, with the suspected area quarantined. An analyst will visit site to obtain a sample. If tested positive the material is to be removed by others under controlled conditions.	1
Asbestos	18	Prior to any demolition works commencing a Refurbishment and demolition survey shall be undertaken. All ACM detailed within the report shall be removed a by the appointed Asbestos removal contractor. If asbestos containing material is suspected on site during the demolition phase, works in the area shall cease, with the suspected area quarantined. An analyst will visit site to obtain a sample. If tested positive the material is to be removed others by under controlled conditions.	4
Falling Material	18	The site boundary is to be secured with Heras fence panelling. The boundary will encapsulate the existing building proposed for demolition as well as an adequate buffer zone to ensure that all material is safely confined within the site compound. Demolition Drop Zones – A start of shift document is to be completed prior to the commencement of each shift. As part of this procedure a full inspection of the proposed demolition area is to be undertaken by the Demolition supervisor to ensure that the working area is clear of all operatives or potential hazards. The area will then be cordoned off and secured.	4

Hot works	16	If Required the following actions will be in force: Various forms of hot works may be required and be performed during the demolition phase of works. Predominantly Oxy/propane cutting equipment will be used in order to remove or process the redundant structural steelwork, with grinders and disc cutters used during the soft strip phase of works. Prior to the commencement of any hot cutting a permit will be obtained with all conditions of the permit observed throughout the task. A water hose or suitable fire extinguisher will be situated within the work area during all hot cutting works. A fire watchman shall be situated within a prominent location during the undertaken of any hot work operations. Trained competent Burners shall be employed for all oxy/propane cutting.	6
Structural stability/ removal of walls etc.	18	In essence, the structure will be demolished in the reverse sequence to that of construction. An excavator will be employed to remove any remaining roof structure after the tiles have been removed by operatives working from scaffold, followed by the main structure in a top – down sequence. Demolition will be completed in a stepped formation to ensure that the building maintains it structural integrity throughout the demolition process.	6
Plant operations	18	All plant used during the demolition phase shall be operated by trained, demolition competent plant operatives. Plant is to be visually inspected prior to the commencement of any shift and examined every week with the results of the weekly exam detailed within the LOLER form. Keys are to be removed from the machine whenever not in use.	4
Training/ Documentation	15	All operatives undertaking demolition activities shall be trained and experienced. Operatives operating mobile plant shall have the relevant training. Copies of all training will be presented at the site induction. The site supervisor shall be a competent trained and undertake all ***Astra Demolition*** site documentation, copies of which will be forwarded to the client on request.	4

H.A.V.S.	16	The vast majority of the proposed structural demolition of the structures shall be undertaken by mechanical means, significantly reducing the HAVS exposure to our operatives. Astra Demolition endeavour to use modern, effective and optimal hand tools in order to reduce HAVS exposure. All operatives will work within the HAVS guidelines stated within each tools operating manual, their duration and the tools vibration level will be recorded to ensure the operatives do not become over-exposed. (Control of Vibration at Work Regulations 2005 The exposure limit value ELV is a daily exposure of 5 m/s2 A(8).) An operative rotation system will also be employed	4
Live Services	25	Initially, a specialist contractor, employed by the client or Main Contractor will be employed to suspend all services within the site boundary, as close to the intake location as possible. A separate specialist contractor will also ensure that all/any pipe works (gas/oils) Once the relevant termination certificates on been issued to Astra Demolition Ltd the soft strip phase can commence. ADL are to ensure that the service connections supplying the building are terminated at the heads within the building by the service providers prior to the works commencing Any services required to be retained as part of the Temp supply are to be clearly marked with all locations detailed with the service locations detailed within the site Induction.	4
Loading Operations	15	The soft strip material & all waste materials arising's from the demolition works will be loaded into truck/ mounted skip bins. The skips/vehicles are to be loaded by excavators equipped with selector grab attachments and transported to recycling facility for segregation and recycling.	5
Manual Handling INDG 163	9	(Postures and activities that could cause lower back problems and possible trapped appendages) Task specific manual handling assessments are to be undertaken by ADL project manager on site as required. No operatives are to lift any weight they are not completely comfortable with, in any case no repetitive lifting over 25kg will be undertaken.	5

COSHH	18	COSHH assessments required for: Dusts and Weils disease, MMMF, Zinc Oxide fume. Full survey of site and registration of site for Hazardous Substances Regulations 2005. Ditto removal of pigeon wastes and rat infestations. Weil's disease to be included in site induction as significant risk.	4
USING ELECTRIC TOOLS & APPLIANCES	18	Use 110v tools only (or cordless), regular inspection of leads/PAT testing. Supervisor to undertake daily check of plant & ensure the PAT testing is to date.	4
360˚Excavator	18	Most injuries and fatal accidents occur when machines are moving, slewing and working. **Exclusion:** Ensure that all operatives/persons are kept away from the area of excavator works by the provision of suitable barrier/warning signs/banksman. **Clearance:** When slewing in confined area/s use plant with minimal tail swing- where possible. Safe working procedure use of banksman to watch clearance/use of slew-safe-lift monitors/ limiters. **Clearance Visibility:** Ensure adequate views all round, mirrors to be intact and clear, operator to check areas all round before carrying out works. **Signaller:** A signaller/banksman will be provided in a safe position to direct excavator operation and any pedestrian movement. **Bucket Attachment**: Quick hitches where fitted to be checked, when used ensure the system is working correctly. When attaching/detaching ensure that other persons are clear of the area.	5

Plant/Theft or vandalism.	4	Keep tools and small plant in locked storage area or vehicles when not in use. Controlled access to any keys for site/vehicles/plant. Keep site gates locked/compound area. Operator to remove keys from plant at all times when leaving the machine. Machines to be locked at end of works. Vandal guards to be fitted at the end of the working day.	1
Working from Scaffold	15	Where required. Engage a competent scaffolding contractor, ensure method statement is in place by the scaffold contractor prior to works commencing. Keep all tools within the scaffold structure footprint. Wear safety harness clipped on at all times when working near the edge.	5

Site Traffic	10	Parking in designated areas only, where allowed on site or the highway. Do not block the access/egress or park in an areas which would cause danger to other road users and emergency services. Use banksman when reversing delivery vehicles/loads. Be considerate to other site users and neighbours when arriving and departing site areas.	4
Dusty Operations	6	Nuisance Dust. May cause irritation to eyes, breathing. Dampen down works area with water. Clear up regularly. Damp down spoil heaps, hard-core /stockpiles in hot weather Segregating dusty processes to reduce the numbers of workers, reduce time working close to dust and fumes. Ensure correct PPE/RPE and any appropriate clothing to relevant conditions of handling are worn. Cover bins/containers/skips where needed.	2
Noise	6	Control of Noise at Work Regulations 2005. Noise at work can cause hearing damage that is permanent and disabling. The damage may be caused to exposure over time, but also caused by extremely loud noises. Operatives working around noise must wear correct PPE/RPE ear plugs/ear protection. Work in short shifts if the noise is to be continuous and where other noise equipment may be an added risk. Estimate the noise exposure, what work is to be carried out and how the work might vary through the days.	2

FIRE RISK ASSESSMENT FOR DEMOLITION WORKS

SITE: **170 BRIGHTON ROAD** **LANCING** **WEST SUSSEX** **BN15 8LL**	Assessment by: Peter Marshall Signature:
Date: 18th November 2018	Title: HS & E Consultant

Step 1. Description of project. (PM/0218/08)

Traditional built brick/block structure with timber joist/trusses to roof. Two storey with tiled pitched roof. Extension with flat roof to rear.



Step 2. Identify fire hazards

Source of Ignition	Source of Fuel	Sources of Oxygen
➢ Hot Works	➢ Timber Frame	➢ Air / Atmosphere
➢ Disc Cutting	➢ Other Timber	➢ Oxygen Cylinders
➢ Arson	➢ Fuels	
➢ Smoking	➢ Gas Bottles	
➢ Faulty Electrics	➢ Chemicals/Glues	
➢ Demolition Materials	➢ Rubbish	
➢ Neighbouring Properties		

Step 3. People at risk		
Personnel	Maximum Operatives	Notes
Operatives	5	
Visitors		HSE/Emergency Services/Local Authority/Client/Astra safety Officer
Other Contractors		Principle Client/Agent/Land Owner
Lone Worker/s	None	
Immediate Neighbours		Local vicinity properties

Step 4. Evaluate, Remove, Reduce and protect from risk		
(A)What are the risks of fire occurring from the hazards identified in STEP 2 and how they can be controlled?	1 Disc Cutting	All disc cutting works will be controlled by a Hot Works permit (regardless of the material being cut) The permit has a sign off procedure and the operative is to ensure that by using the cutter there is no chance of flying sparks igniting a material and after the cutting process is finished a visual check will take place to ensure that there is no danger of a fire starting. One hour before the end of the working day, prior to the permit being signed off the supervisor will check the area, also prior to locking the gates and leaving the site the area will be checked.
	2 Arson	The site will be fully secured both during working hours and out of hours with Heras Panels or Hoarding, the gates will be kept shut throughout the working days. All welfare will be locked out of hours and any flammable materials to be stored in a lockable container at all times. During the process of demolition works all combustible materials such as timber will be removed and placed into segregated containers. The containers will be away from fuel points and neighbouring properties to minimise the effect of fire spread should there be an arson attack. At no time should there be a stock pile of combustible materials located in the building being demolished left unattended.
	3 Smoking	The smoking area is shown on the site plan and is located away from the existing buildings and positioned in an area which will minimise the effect of fire spread, should it occur. Extinguishers will be positioned in the area and appropriate containers will be used for discarded cigarette ends to be disposed into.
	4 Electrical Services	Electrical services on site: Terminated Certificates to be issued to Astra Demolition Ltd prior to any works commencing
	5 Hot Works	All hot cutting will be completed under a permit system and fire watch kept during the process. Hot cutting will cease ONE hour prior to close of play on site. A check of the area will be carried out, and the supervisor will check the area prior to closing the gates/leaving the site.

	6 Neighbouring Properties	Live properties are located around the site area. They are aware of the works being carried out. Should a fire in a neighbouring property be identified during the working day, all work will cease and the site evacuated to the muster points as in the site plan. The appointed person/fire Marshal will call tally the daily sign in sheets with those present. The fire brigade will be notified of the fire in the neighbouring property.
	7 Demolition Materials	See Arson for further details
	8 Fuels & Gas Bottles	All fuels & gas bottles are to be stored under lock & key at all times, the quantities stored will be kept to a minimum to reduce fire risk. The site supervisor will enforce this and will ensure at the end of the working day that all stores are locked as part of the lock down procedure. The fuel/gas stores are to be segregated and away from the building to be demolished and away from neighbouring properties.
	9 Rubbish	Rubbish within the site footprint will be cleared. All flammable materials will be moved to a separate container. There will not be a build-up of rubbish around the welfare units.
	10 Air/Atmosphere	Works involving cutting and where air can aid the spread of fire this will be conducted by competent operatives.
	11 Operatives	Operatives will be inducted into the site as per the method statement and will be familiar with this document and their duties whilst working on this site.
	12 Visitors Neighbours	Visitors where possible will pre-warn the site supervisor. Those unauthorised/un-announced visitors will get no further than the main gate, the site notice board will have the contact number of the site supervisor. The visitors will not be allowed on site without correct PPE and if authorised will report to the site office for induction. All visitors will be escorted on site at all times. The Demolition supervisor has full control of the site during demolition works.
	13 Other Issues	None; Any issues outside of those mentioned to be written on separate sheet and attached to this document.

(B)Adequacy of fire safety measures	With effective management of the risk they are drastically reduced by following the information shown in the risk assessment
Fire detection and fire warning	Fire detection will be by sight. Due to the nature of the project and the team working together, the fire warning will be verbally and by fire bell/klaxon situated at the site office. A fire watch and regular checks will be carried out during the working day.
Firefighting equipment	Firefighting equipment will be sited at various points around the site which may change as the demolition process unfolds. Correct fire extinguishers will be sited at the fire assembly point. All points and assembly points will be marked on the site plan
Staff training and fire drills	There will be a fire drill carried out during the first week of demolition. The operatives on site will be given feedback on the drill. Should the project be ongoing for a long duration, extra fire drills will be carried out.
Training and competent persons	The site supervisor is a competent supervisor and will be responsible for the implementation of the processes identified in this document. He has had appropriate internal/external training to enable him to fulfil this role.

Emergency Procedure on Discovery of a Fire.

- Sound the alarm.
- Call the Fire and Rescue Services by dialling 999.
- Attack the Fire - ONLY if deemed safe to do so without and YOU have been trained.
- DO NOT TAKE RISKS.

The Procedures to take when hearing the alarm are:

- Leave the building by the shortest route available
- Do not stop to collect personal belongings
- Do not run
- Do not re-enter the building until authorised

Assembly points and escape routes. All staff should familiarise themselves with:

- Means of escape routes, primary and secondary.
- The nearest Fire point
- Where to assemble in an Emergency
- Who the Fire Marshal is:

Operatives sign off

I have read and understand this document. I agree to work to the Risk Assessment and at any time if I am unsure I agree that I will stop work and ask the appropriate supervisor for information.

Name	Position	Date	Sign

Assessment Review.			
Assessment / Review	Completed By	Signature	Date

Notes:

The information in this record should assist you to develop an emergency plan; co-ordinate measures with other 'responsible persons' in the building; and to inform and train staff and inform other relevant persons.



COSHH ASSESSMENT

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-001

Risk Assessment	LOW		MEDIUM		HIGH	

SUPPLIER CONTACT NUMBER: HALLS FUELS – 01784 248659

SUBSTANCE NAME	DIESEL FUEL / GAS OIL

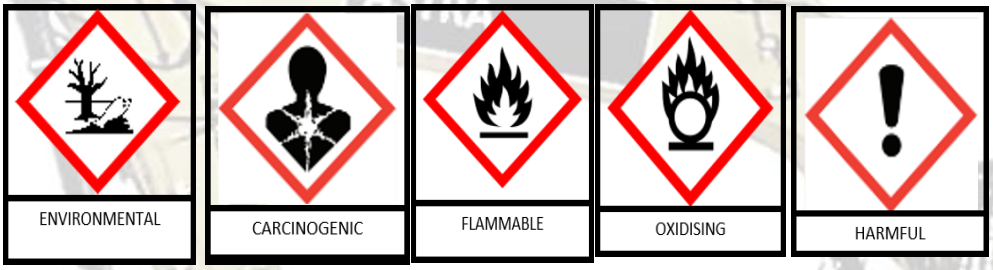
MAXIMUM EXPOSURE: 5mg/mª3

Duration of exposure: Dependant on tasks (10 mins)

Substance used in/as:

Fuel for vehicles & plant.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Splash as vehicle/plant wearing eye protection is filled, turn head away from direct splash path. Regulate fuel dispensing to a moderate rate. Prevent contact with fuel as much as possible as fuel is a defatting agent, which may cause dryness or cracking. Wear masks to reduce/ prevent inhalation risk. The substance can be absorbed into the body by inhalation of its aerosol.

FIRST AID MEASURES:

If contact with skin, flush area immediately with cold water, remove contaminated clothing. Seek medical attention if symptoms persist. If in eye contact, check and remove contact lenses flush eye for 15 minutes with water, seek medical attention.

DO NOT INDUCE VOMITING – rinse mouth refer to medical attention and in cases of pressure injection, seek medical help.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Have spill kits available, to absorb spillages immediately. Dispose of appropriately. Store in double skinned bowsers. No smoking or ignition sources

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-002

Risk Assessment	LOW		MEDIUM		HIGH	

SUPPLIERS CONTACT NUMBER: CASTROL – 01793 512712

SUBSTANCE NAME	HYDRAULIC OILS

MAXIMUM EXPOSURE: 5mg/m²2

Duration of exposure: 8 hours

Substance used in/as:

Vehicles & plant. Power transmission

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion







PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Wear masks to reduce/ prevent inhalation risk. The substance can be absorbed into the body by inhalation of its aerosol. Skin and eye contact. Fumes maybe harmful. Can be absorbed into clothing

FIRST AID MEASURES:

If contact with skin, flush area immediately with plenty of water, remove contaminated clothing. Seek medical attention if symptoms persist. If in eye contact flush with plenty of water for at least 15 minutes check and remove contact lenses, seek medical attention. Remove contaminated clothing. If inhaled remove to fresh air.

DO NOT INDUCE VOMITING – rinse mouth refer to medical attention and in cases of pressure injection, seek medical help.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Have spill kits available, to absorb spillages immediately. Dispose of appropriately. No smoking or ignition sources. Under normal condition hazardous reactions will not occur.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-003

Risk Assessment	LOW		MEDIUM		HIGH	

SUPPLIERS CONTACT NUMBER: CASTROL – 01793 512712

SUBSTANCE NAME	LUBRICATING GREASE

MAXIMUM EXPOSURE: 5mg/mª3

Duration of exposure: Not Applicable

Substance used in/as:

Servicing & Maintenance of plant/equipment

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion







PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

General use and clean hands, remove grease immediately. To eyes may cause irritation, on body unlikely to cause harm. Prolonged skin contact may lead to skin disorders.

FIRST AID MEASURES:

Seek medical attention if symptoms persist. If in eye contact flush with copious amount of water seek medical attention if irritation persists.

If swallowed not expected to be a problem. DO NOT INDUCE VOMITINIG if uncomfortable seek medical advice.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Have spill kits available, to absorb spillages immediately. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34)

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-004

Risk Assessment	LOW		MEDIUM		HIGH	

SUPPLIERS CONTACT NUMBER: CASTROL – 01793 512712

SUBSTANCE NAME	LUBRICATING OILS

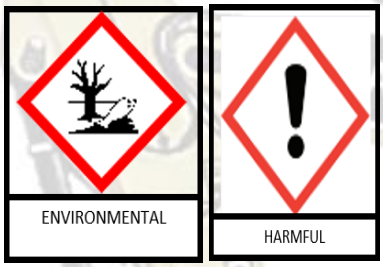
MAXIMUM EXPOSURE: 5mg/mª3

Duration of exposure: Not Applicable

Substance used in/as:

Servicing & Maintenance of plant/equipment.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Unlikely to cause immediate irritation but prolonged and repeated contact may be harmful to the skin. Ingestion is unlikely to cause adverse systemic health effects.

FIRST AID MEASURES:

If in eye contact flush with copious amount of water seek medical attention if irritation persists. Wash the contaminated skin thoroughly with soap and water.

If swallowed not expected to be a problem. DO NOT INDUCE VOMITINIG if uncomfortable seek medical advice.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Have spill kits available, to absorb spillages immediately. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34)

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-005

Risk Assessment	LOW		MEDIUM		HIGH	

PRODUCT CONTACT NUMBER: 0800 667 827

SUBSTANCE NAME	BRICK & CONCRETE DUST

MAXIMUM EXPOSURE: 3mg/m3 -10mg/m3

Duration of exposure: Not Applicable

Substance used in/as:

Soft strip/Demolition/ working where brick & concrete dust are part of the works. Loose powder/bags on sites.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion







PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Irritant to skin & eyes. May cause allergic & irritant contact dermatitis. Chemical burns. Harmful if swallowed.

Risk of serious damage to eyes. Risk increases to dry powder on skin when water is added or dust settles on damp skin. Prolonged exposure to respirable dust, which contains quartz above the exposure limits, could lead to chronic respiratory disease, such as silicosis, bronchitis and lung cancer.

FIRST AID MEASURES:

If in eye contact flush with copious amount of water seek medical attention if irritation persists. Wash the contaminated skin thoroughly with soap and water.

If dust swallowed it is not expected to be a problem. DO NOT INDUCE VOMITINIG if uncomfortable seek medical advice.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down. Dry cutting wear suitable respiratory protection

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

NOT KNOWN TO BE A FIRE HAZARD

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-006

Risk Assessment	LOW		MEDIUM	X	HIGH	

PIGEON CONTROL RESOURCES CENTRE: 01626 835155

SUBSTANCE NAME	BIRD FOULING

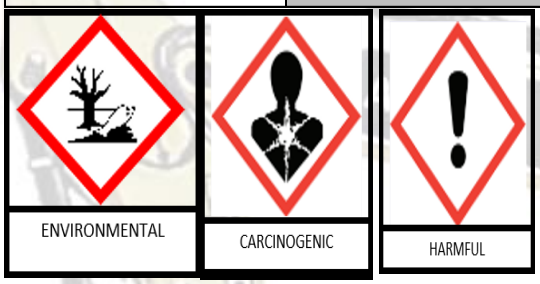
MAXIMUM EXPOSURE: N/A

Duration of exposure: Not Applicable

Substance used in/as:

Derelict buildings/commercial building.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Ingestion via mouth, nose, skin during inspection or removal. Health Risks: Ornithosis, Cryptococcosis, Campylobacter, Salmonellosis, E.coli, Extrinsic Allergic Alveolitis.

FIRST AID MEASURES:

If ingested monitor and if becomes unwell seek medical advice. Eyes wash with copious amounts of water, if severe seek medical advice. Inhalation may cause flu like symptoms and long term breathing problems.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down with correct chemical.(Disinfectant)Seek medical advice.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

NOT KNOWN TO BE A FIRE HAZARD

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-007

Risk Assessment	LOW		MEDIUM	X	HIGH	

INFORMATION HELP LINE: RENTOKILL 0808 274 6943

SUBSTANCE NAME	RAT DROPPINGS/URINE

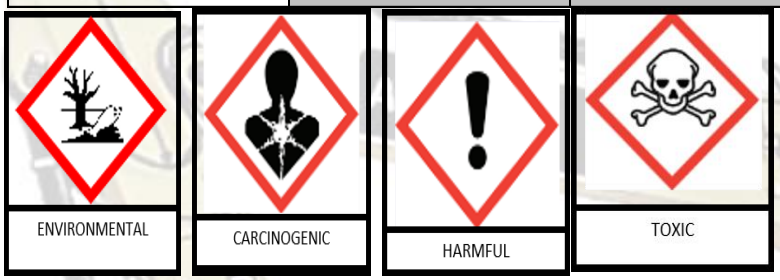
MAXIMUM EXPOSURE: N/A

Duration of exposure: Not Applicable

Substance used in/as:

Any operation involving physical contact with dirty areas. Derelict buildings/commercial food waste areas.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

Rats dribble urine as they walk so all surfaces may contain urine. Weils disease contact through broken skin or ingestion. Rat droppings can cause serious infections.

FIRST AID MEASURES:

Leptospirosis – Symptoms are flu like and headaches if suspect illness seek medical advice urgently. Wear correct PPE. Cover all cuts and abrasions with dressings. Wash hands open skin areas with soap/ cleaning chemical after completion of works and before eating/drinking.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down with correct chemical. Bleach 1 – 10parts water.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

NOT KNOWN TO BE A FIRE HAZARD

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-008

Risk Assessment	LOW		MEDIUM		HIGH	

EMERGENCY NUMBER BOC GASES: 0800 111 333

SUBSTANCE NAME	PROPONE GAS

MAXIMUM EXPOSURE: None

Duration of exposure: Not Applicable

Substance used in/as:

DEMOLITION. Burning equipment.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





HAZARDS TO BODY:

In high cases of concentration may cause asphyxiation. Symptoms may include loss of mobility/consciousness. In low concentrations may cause narcotic effects.

FIRST AID MEASURES:

Skin/eye contact, in case of frostbite spray with water for at least 15 minutes. Apply a medical dressing. Seek medical advice. Remove victim to uncontaminated area wearing self-contained breathing apparatus. Keep warm and rested.

SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down with correct chemical. Spontaneous/explosive re-ignition may occur. Extinguish any other fires.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-009

Risk Assessment	LOW		MEDIUM		HIGH	X

EMERGENCY NUMBER BOC GASES: 0800 111 333

SUBSTANCE NAME	OXYGEN

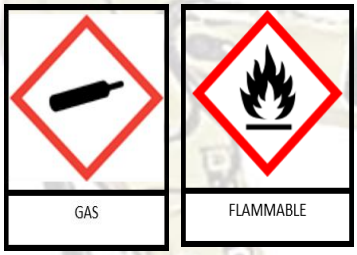
MAXIMUM EXPOSURE: None

Duration of exposure: Not Applicable

Substance used in/as:

DEMOLITION. Burning equipment.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

HAZARDS TO BODY:

In high cases of concentration may cause asphyxiation. Symptoms may include loss of mobility/consciousness. In low concentrations may cause narcotic effects.

FIRST AID MEASURES:

High concentrations over 75% may cause nausea, dizziness, difficulty breathing and convulsions. Treatment ensure own safety, move casualty to safe area. Loosen clothing. Carry out artificial respiration if required.

SAFETY & SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down with correct chemical. Spontaneous/explosive re-ignition may occur. Extinguish any other fires.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH. ASSESSMENT FORM	ASSESSMENT REF: C-010

Risk Assessment	LOW		MEDIUM		HIGH	X

ESSO/EXXON EMERGENCY NUMBER: 01372 222000

SUBSTANCE NAME	PETROL

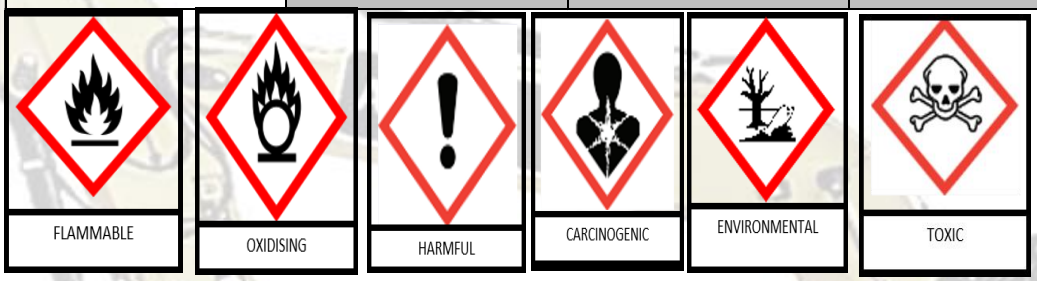
MAXIMUM EXPOSURE: Minimise where possible

Duration of exposure: Minimise

Substance used in/as:

Plant/equipment. Vehicles.

Type of Exposure:	Eye contact	Skin contact	Inhalation	Ingestion





PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

PAPER MASK	FILTER MASK	GLOVES	PROTECTIVE BOOTS	RUBBER GLOVES	PROTECTIVE EYE WEAR	RESPIRATOR	APRON

HAZARDS TO BODY:

In high cases of concentration may cause asphyxiation. Symptoms may include loss of mobility/consciousness. In low concentrations may cause narcotic effects. Prolonged and repeated skin contact can lead to defatting of the skin, drying, cracking and dermatitis.

FIRST AID MEASURES:

Remove the effected person to fresh air. If breathing has stopped administer artificial respiration. If contact with eyes flush with copious amounts of water. If irritation persist seek medical advice. DO NOT INDUCE VOMITTING. If ingestions suspected, wash out the mouth with water and send to hospital immediately

SPILLAGE CONTROL:

Dangerous to environment. Wear PPE. Dispose of appropriately. Dispose of in accordance with Duty of Care (Environmental Protection Act 1990 Sect 34) Wash area of spillage down with correct chemical. Spontaneous/explosive re-ignition may occur. Extinguish any other fires.

WATER	POWDER	FOAM	CO2	WET CHEMICAL
CLASS A	CLASS A-B-C	CLASS A-B	No class fire security	CLASS F

1. Procedure/Task Description:

2. Substance Hazard Information			
Substances Handled	***Summary of Health Hazards***	***Exposure Limit***	
		8-hour	***15-min***

Is substance hazard data readily available for all substances? ***Yes/No***

COMMENTS/ACTIONS:

3. Are engineering control measures (e.g. Local Exhaust Ventilation) required to control exposure? Yes/No

If yes, indicate what type:-

Are mechanical ventilation systems maintained in accordance with COSHH requirements? ***Yes/No***

COMMENTS/ACTIONS:

4. Chemical Protective Clothing (CPC) & Eye Protection

Is skin exposure significant? ***Yes/No***

Eye Protection:	***Yes/No* If yes, specify type:**
Gloves	***Yes/No If yes, specify type:***
Body :	***Yes/No If yes, specify type:***
Feet	***Yes/No If yes, specify type:***
Other:	***Yes/No If yes, specify type:***

COMMENTS/ACTIONS:

5. Respiratory Protective Equipment (RPE)

Is inhalation exposure significant? ***Yes/No***

Specify Make and Type of RPE:

Are facilities provided for storage/decontamination of PPE? ***Yes/No***

COMMENTSACTIONS:

6. Are Spillage/Emergency Procedures Required? Yes/No

COMMENTS/ACTIONS:

7. Is Information, Instruction & Training Required? Yes/No

COMMENTS/ACTIONS:

8. Is Air Monitoring Required? Yes/No

COMMENTS/ACTIONS:

9. Is Health Surveillance required? Yes/No

COMMENTS/ACTIONS:

10. Conclusions

COMMENTS/ACTIONS:

11. Action Summary & Responsibilities

COMMENTS/ACTIONS:

Completed By:	**Date:**