Construction Phase Health and Safety Plan
(CDM 2015)

Project

Knock Down & Re-Development of Petrol Filling Station

At

245, Barnsley Road, Wombwell, S73 8DT

Client:

Dove Retail Ltd
Unit 43
Claycliffe Business Park
Cannon Way
Barugh Green
Barnsley
S75 1JU

Main Contractor:

McFadden Building and Civil Engineering Ltd
4 Redcote Lane
Kirkstall
Leeds
LS4 2AL

McFadden Building and Civil Engineering Ltd

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Section 1.0

INTRODUCTION

PROJECT	The works covered in this construction plan are for those works required to knock-down, construction of new sales building and work to existing forecourt and canopy.
LOCATION:	245, Barnsley Road Wombwell Barnsley S73 8DT
CLIENT:	Dove Retail Ltd Unit 43 Claycliffe Business Park Cannon Way Barugh Green Barnsley S75 1JU
PROJECT START DATE :	4th March 2019
PROJECT DURATION :	16 Weeks
PROJECT COMPLETION :	21st June 2019
WORKING HOURS :	08:00 – 18:00 Mondays to Fridays 09:00 – 14:00 Saturdays

Out of hours and other weekend working will only be undertaken in Agreement with and after consultation with the Contract Administrator who will give written permission, if requested to do so.

SCOPE OF WORKS

Generally the scope of works associated with the Service Station demolition and rebuild will include the following:

Below ground tank removal
Site clearance and preparation
Boundary walls/fences
New tank farm installation
New fuel pipeline installation
New forecourt canopy
New storey building
Electrical and drainage installations
New forecourt surfaces and finishes
Crossovers and pavements

Section 2.0

HEALTH, SAFETY & WELFARE POLICY STATEMENT

Health and Safety at Work Act 1974

McFadden Building and Civil Engineering Ltd acknowledges and accepts its statutory responsibility under the terms of the Health and Safety at Work Act 1974, for securing the Health, Safety and Welfare of all its Employees.

The Company will take steps, so far as is reasonably practicable, to meet its Health and Safety responsibilities, paying particular attention to:-

- The Provision and Maintenance of all Plant and Equipment.
- The Provision of adequate Facilities, Handling, Storage and Transportation of Chemicals.
- The Provision of sufficient Information, Instruction, Training and Supervision to enable all the Company's Employees to avoid hazardous situations and contribute positively to their own Health and Safety at Work.
- The Provision of Safe Access and Egress to and from the workplace.
- The Provision of a Healthy Working Environment.
- The Provision of adequate Welfare Facilities.
- The inclusion of Health and Safety into the Planning, Organisation, Controlling, Monitoring and Review arrangements of its Management Systems.
- The use of Suitable and Sufficient Risk Assessment techniques to assess the Health and Safety risks applicable to our Employees and others who may be affected by our work activities.

A Health, Safety and Environmental Policy is unlikely to be successful unless it actively involves the people who work within the Company. The Company will therefore seek to ensure effective Consultation and Communication through the Partner responsible for Health and Safety, the Company's Health and Safety Advisors and the Company Employees.

Equally, it is the duty of every employee to take reasonable care for the Health and Safety of him/her self and his/her fellow workers, or other persons who may be affected by their actions at work. In addition to this, the Employees must co-operate with the Company to enable our statutory duties to be addressed. To achieve this, our Employees should correctly use all resources provided by the Company in accordance with their Training and Instruction and must immediately report any defective items to their immediate Supervisor.

HEALTH, SAFETY & WELFARE POLICY STATEMENT continued....

The Directors of ***McFadden Building and Civil Engineering Ltd*** regard the promotion of Health and Safety measures as an integral part of our Management framework. To achieve this aim, Company Employees and Managers will actively work together to comply with the following goals:-

- Accidents and Incidents at work will be minimised through the promotion of high Safety Standards.

- Continuous liaison and communication between Company Employees and Managers will assist the Safety Review Process.

- Continuous Risk Assessments of Health and Safety issues will be applied when planning new work or new activities.

- Safety will be included on the agenda of all Company Business Meetings.

- A continuous Program of Health and Safety Inspections will assist in detecting and eliminating unsafe practices and conditions.

The Company Health Safety and Welfare Policy will be reviewed annually and any revisions or new legislation / regulations will be brought to the attention of all Company Employees.

For the purposes of compliance with the Management of Health and Safety at Work Regulations 1999 Regs (7) **The Directors of McFadden Building & Civil Engineering Limited** have appointed the following person:

Signed: Strategic Safety Solutions

COMPANY HEALTH & SAFETY CONSULTANT

To assist and advise the Company on matters of Health, Safety and Welfare at work and the named person will endeavour to provide all Company Employees with all the necessary training and updating of information and instructions to enable each employee to fulfil their role at work to their full potential. To this end our appointed person will be assisted by:-

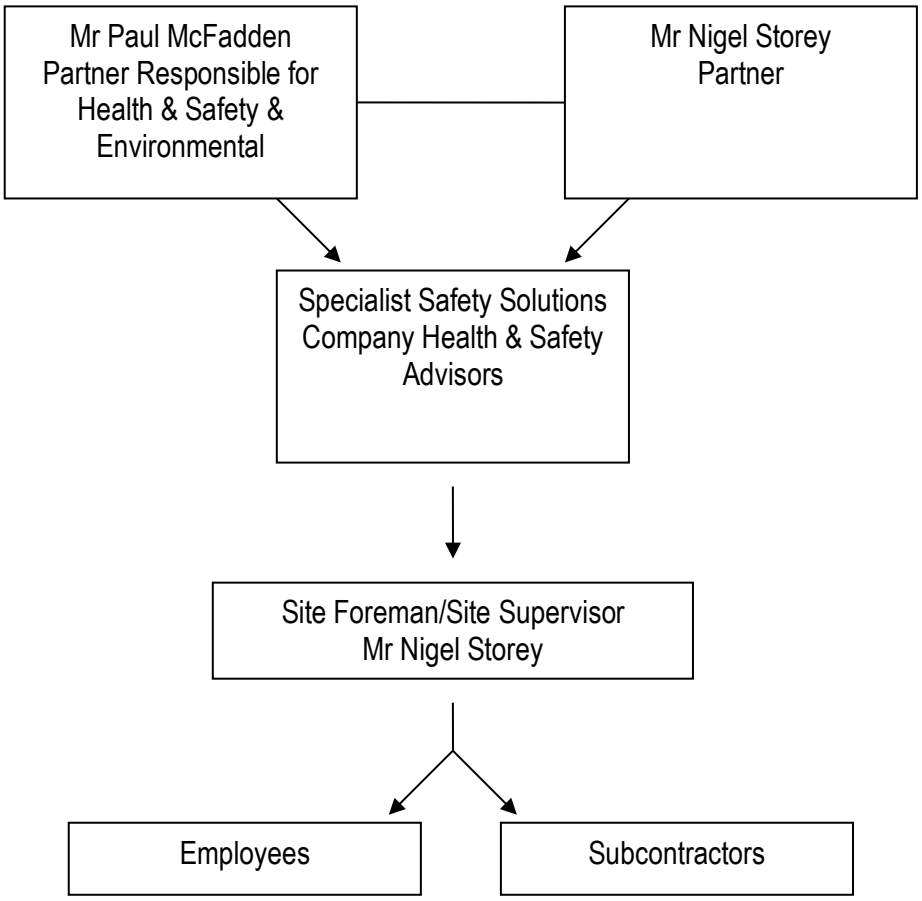
Signed: _____

Director Mr Paul McFadden
(McFadden Building & Civil Engineering Limited)

Date: _____

Section 3.0

PRINCIPAL CONTRACTORS MANAGEMENT STUCTURE



Section 4.0

SITE SPECIFIC MANAGEMENT INFORMATION

Details of Principals

Contracts Director:	Mr Paul McFadden	
	McFadden Building and Civil Engineering Ltd	
	4 Redcote Lane	
	Kirkstall	
	Leeds	
	LS4 2AL	
	Telephone	0113 2631221
	Fax	0113 2634987
	Mobile	07710089300
	E-Mail	paul@mcfaddengroupltd.com

Project Manager:	Mr Paul McFadden	
	McFadden Building and Civil Engineering Ltd	
	4 Redcote Lane	
	Kirkstall	
	Leeds	
	LS4 2AL	
	Telephone	0113 2631221
	Fax	0113 2634987
	Mobile	07710089300
	E-Mail	paul@mcfaddengroupltd.com

Site Foreman/First Aider:	Mr Nigel Storey	
	Tel	07971 780 567

Company Safety Advisors:	Specialist Safety Solutions Ltd
	Suite 18 Mansfield I Centre
	Oakham Business Park
	Mansfield
	Nottinghamshire
	NG18 5BR

Section 4.0

SITE SPECIFIC MANAGEMENT INFORMATION

Project Directory

Location/Site	245, Barnsley Road Wombwell Barnsley S73 8DT
Client:	Dove Retail Ltd Unit 43 Claycliffe Business Park Cannon Way Barugh Green Barnsley S75 1JU
Architect/Contract Administrator	ADP Architecture and Design Ltd The Old Police Station 16 Bridge Lane Holmfirth HD9 7AN Contact : Tony Stead Tel : 01484 685411

SITE SPECIFIC MANAGEMENT INFORMATION

Project Directory continued....

Principal Designer	ADP Architecture and Design Ltd The Old Police Station 16 Bridge Lane Holmfirth HD9 7AN Contact : Tony Stead Tel : 01484 685 411
CDM Advisor	ADP Architecture and Design Ltd The Old Police Station 16 Bridge Lane Holmfirth HD9 7AN Contact : Tony Stead Tel : 01484 685411
Health & Safety Executive	The Lateral 8 City Walk Leeds LS11 9AT Fax : 0113 283 4382 (general enquiries) Fax : 0113 283 4296 (completed F10 forms)
Petroleum Officer	South Yorkshire Fire and Rescue Service Leicester Avenue Doncaster South Yorkshire DN2 6DR Tel: 0114 253 2484 Contact : Chris Temple Mobile : 07917307701 Email : ctemple@syfire.gov.uk

EMERGENCY NUMBERS

	Location	Contact Number
Local Police	South Yorkshire Police Park Street Wombwell Barnsley S73 0HF	Tel: 0114 220 2020 or 999
Fire Department	Cudworth Fire Station Tumbling Lane Cudworth Barnsley S71 5SN	Tel: 0114 272 7202 or 999
Local Hospital	Barnsley Hospital Gawber Road Barnsley S75 2EP	Tel: 01226 730000

IN AN EMERGENCY DIAL 999

1 Lift the telephone handset and dial "999", "112" may also be used.
2 Tell the operator which emergency service you require
3 Wait for the operator to connect you to the emergency service
4 Tell the emergency service.
  a "Where the trouble is"
  b "What the trouble is"
  c "Where you are dialling from."

SERVICES

	Contact Number	
Gas	0800 111 999	
Water	0800 783 4444	
Electricity	0800 056 8090	

IF YOU THINK YOU CAN SMELL GAS

- Don't turn on any electric switches On or Off
- Don't smoke
- Don't use a naked flame
- Turn gas Off at the meter
- Open doors and windows.

EMERGENCY FIRE PROCEDURE

- In an emergency call 999
- Lift telephone handset and dial 999
- 112 may also be used as an alternative
- Tell the operator which emergency service you require
- Inform the emergency services:
    - Where the trouble is
    - What the trouble is
    - Where you are
    - The number of the phone you are using

On discovering a fire the person will immediately shout **FIRE** and all site staff on hearing the alarm will make their way to the Fire Assemble Point.

Once at the Fire Assemble Point our site foreman will conduct a roll call utilising the Site Register which will be signed on a daily basis.

Under no circumstances will anyone return to the site to collect personal belongings until permission is obtained from the Fire Authority.

Only if you are competent should you attempt to combat the fire using the site fire equipment, which will be stored within our site office.

Our site foreman will contact the fire authority via the quickest available means immediately a fire is discovered.

Section 5

ACCIDENT INVESTIGATION PROCEDURES

The Reporting of Injuries, Diseases and Dangerous Occurrence Regulations [RIDDOR] 2013, specify the Company's responsibilities for developing Accident Procedures.

If an Accident occurs to our Employees or any other persons, including Subcontractors or Visitors, the prompting of the Company will be:-

- To attend to the injured person and ensure the appropriate action is taken, e.g: Summon First Aid, Call Emergency Services.

- To control any dangerous situation in order to prevent further injuries or damage.

Reporting Procedure

1. All Injuries or Damage resulting from Incidents on site or in any other workplaces, however minor, shall be action by the Supervisor, as follows:-

   An ***"Accident Investigation Form"*** will be completed and distributed as follows:-

   - One Copy to = Specialist Safety Solutions Ltd
     Suite 18 Mansfield I Centre
     Oakham Business Park
     Mansfield, Nottinghamshire
     NG18 5BR

   - One Copy to = To be retained at Head Office.

   This applies to Injuries received by Subcontractors, Members of the Public, Visitors etc, as well as Company Employees.

2. In the event of a Fatality or Major Injury to any person or any Dangerous Occurrence, as defined by the Reporting of Injuries, Diseases and Dangerous Occurrence Regulations 2013, Specialist Safety Solutions Ltd - 01623600830 must be notified by telephone immediately. They will then notify the HSE accordingly.

3. In the case of an Employee of another Company being killed or injured, this duty is placed on his / her Employer. However, in order to ensure that the Company has fully complied with legal requirements, Specialist Safety Solutions Ltd will be notified for all other accidents.

4. Specialist Safety Solutions Ltd will ensure that an Investigation is carried out as soon as possible, and send the relevant details of the Accident investigated to the HSE through the online reporting procedure portal RIDDOR.

5. The Accident Book will be completed to ensure any injured Employee records details of his / her accident.

6. If a Medical Certificate or other written diagnosis from a doctor has been received in respect of an Employee who is absent from work and the Disease diagnosis is one of those listed in the RIDDOR, then Specialist Safety Solutions Ltd must be contacted for advice.

If the Disease is reportable, Specialist Safety Solutions Ltd will complete the online reporting procedure portal.

7. Specialist Safety Solutions Ltd will send a full report of any Accident / Incident investigated to the Partner responsible for Health and Safety. This report will contain any photographs, statements or other relevant material which may be used by Company Insurers or legal advisors.

   This Investigation Report is privileged information and must not be issued to any person without the permission of the Company insurers or Legal Advisors.

8. If an inquiry form is received from the DHSS in respect of a claim for Industrial Disablement Benefit, this will be completed by the Company Administrator and returned as required. A copy of the completed form will be kept for record purposed and held within the individuals Personnel File.

ACCIDENT INVESTIGATION REPORT FORM (F001)

Section A: Accident Details

INJURED PERSON

Name:

Status: (Employee/Contractor/Service User/Visitor/Other* (Please specify)

If McFadden Employee Number Job Title Base Address

Section B: To be completed by Site Foreman

Date: ...../...../..... And time: ……am/pm* of the accident

Cause and Circumstances

Injuries Received	
Was first aid treatment administered?	YES / NO
Did accident result in visit to hospital?	YES / NO
Was an Accident Report Form sent to HSE (if applicable)	YES / NO

Did anyone witness the accident	YES / NO
If so, give name below	
Attach any witness statement, if available.	

Subsequent action to prevent reoccurrence: Who is to carryout this action?

General Comments   Form Completed By: Site Foreman's signature Print Name: Job Title: Date:

Please return a copy of the completed form to:
Specialist Safety Solutions Ltd
Suite 18 Mansfield I Centre
Oakham Business Park
Mansfield
Nottinghamshire
NG18 5BR

(A copy should be retained for your information)

Section 6

HEALTH AND SAFETY AUDIT SCHEME

Client/Principal designer

All relevant Health and Safety information produced during this project will be gathered by the Principle Contractor and forwarded to the Principal designer. This information will include the following items:

As-Constructed Building Drawings	Designer / Architect
Fire Strategy Drawing	Designer
As-Constructed Structural Drawings and Calculations	Structural Engineer
Key Structural Principals and Safe Working Loads	Structural Engineer
Details of any Residual Hazards which remain	Principal Contractor / Architect / Structural Engineer
Details of any Hazardous Materials used	Principal Contractor / Architect
Cleaning Strategy	Architect
COSHH Data Sheets for materials that are to be used for cleaning/maintaining the property	Principal Contractor
Information regarding the removal or dismantling of installed plant	Principal Contractor
Information relating to equipment installed for cleaning or maintaining the buildings	Principal Contractor
Drawing showing the location of incoming services	Principal Contractor

Section 7

SUB-CONTRACTOR VERIFICATION PROECDURE

Company Name: Work Operation: Contractor Number:

Company Personnel responsible for Health & Safety

Name:	Position
Project Name:	

Safety Statement Relating to Subcontractor Employment

McFadden Building & Civil Engineering Ltd acting as Principal Contractor is required to provide a "safe working environment" for our own employees and subcontractors working on our behalf during the construction phase.

We must be reasonably satisfied that all those we appoint are competent and adequately resourced to carry out their health and safety responsibilities for the job in hand.

We will ensure, so far as is reasonably practicable, that a suitable construction-phase health and safety plan has been prepared by the before construction begins.

And take all reasonable steps to ensure that the health and safety file will be given at the end of the project is kept available for inspection by those considering future construction work.

The company applies a strict safety framework within all our construction work.

The requirements apply to all site personnel and as such, all subcontractors have to meet the following safety standards:

- All subcontractors must have an internal safety management system and/or an appreciation of general safety procedures applicable to our work operations.
- All subcontractors must nominate an individual responsible for Health and Safety
- All subcontractors must work within the site specific rules laid down in at project commencement.
- All subcontractors must attend a Site Specific Safety Briefing given by the Companies Site Foreman prior to commencing work. A record is maintained with the site diary of all safety training and individual subcontractors must complete and sign the confirmation training record.
- All subcontractors must report any accident/incident/near misses that occur on the working site

- All subcontractors will be either issued or informed of **McFadden Building and Civil Engineering Ltd´s** risk assessments relative to the work operations of others. The control measures which apply to interaction areas must be understood and applied

- All subcontractors must ensure that their work programme accounts for any potential interactions caused by the scheduling of works due to known health and safety implications.

- All subcontractors must provide the following information which covers the safety aspects of individual work operations.

  Risk Assessments – Specific
  COSHH Assessments – Specific
  Method Statements - Specific
  Training Certificates – (Specialist Operatives) – see training section

SPECIFIC

All information must contain the detail relative to the forthcoming work operations and these will be audited by the site foreman and safety advisor.

Failure to supply and adhere to documented method statements on site will result in the work being ceased, until specific details have been agreed. No payments or costs will be incurred by McFadden Building and Civil Engineering Ltd for work operations halted through safety negligence.

TRAINING

Specific work operations fall within rigid safety training requirements. In order to ensure that subcontractor personnel have achieved the required standard the relevant documented evidence will be requested.

SUBCONTRACTOR CHECKLIST

	Yes	No
Named Personnel		
Risk Assessments supplied		
COSHH Data supplied		
Training Certificates supplied		
Method Statements supplied		
APPROVED		

The following company _____ have been verified and found to be safety competent to carry out work on behalf of McFadden Building and Civil Engineering Ltd.

Signed : _____Health and Safety Director

Dated : _____

Section 8.0

SITE SPECIFIC BRIEFING

Employee and Sub-Contractor Safety Site Briefing

(This briefing forms part of the employee and subcontractor training package.)

The purpose of this briefing is to inform all site personnel of the hazards, risks and control measures associated with the site works.

It is a legal requirement under the Management of Safety at Work Regulations 1999 and the Construction Design and Management Regulations (CDM) 2015 to inform, instruct and train all site personnel prior to exposing them to any risks.

BRIEFING

1. All employees/subcontractors working on this site must confirm to the site rules. This includes compliance with both clients and McFadden Building and Civil Engineering Ltd´s Health and Safety Policies available on site for reference.

2. All persons must be aware of the COSHH measures applicable to their job and sign the safety training confirmation sheet posted in the office.

3. All persons must be aware of the Safety Plan which contains all the site hazards and risks associated with the project and sign the safety training confirmation sheet posted in the office.

4. All employees/subcontractors working on this site must wear the appropriate safety equipment. This includes:

    a. Safety Boots
    b. Safety Goggles
    c. Safety Helmet
    d. High Visibility Vests

No allowances will be made to this rule:

1. All employees / subcontractors working on this site must wear the appropriate personal protective equipment when operating the following machinery or carrying out the operations below

    Eye Protection:

    - Stihl Saws
    - Grinders
    - Compressed Air Hoses
    - Welding / Burning Equipment

    Gloves
    - Concreting work
    - Sealant operations
    - Chemical handling
    - Cleaning operations

2. Only trained and authorised personnel will be allowed to drive mobile plant and operate power saws. Any unauthorised person found moving equipment will be removed from site.

3. All employees / subcontractors must work within the safety guidelines, highlighted within the method statements and request advice or instructions

4. No alcohol or drugs will be allowed on site and anyone found under the influence of either will be removed from site and suspended from further work with the Company.

5. All employees / subcontractors are expected to carry out their work without affecting or endangering the operation of others.

6. Any excessive behaviour, likely to effect others, may be taken as a breach of site rules and could result in removal from site.

7. All employees operating mobile plant must retain their training achievement badges for inspection.

8. All employees/subcontractors are required to report any accident or incident to the site foreman. Details of all accidents must be entered into the site accident book.

9. First Aid equipment is provided in the temporary site office and the trained First Aider on site is Nigel Storey

10. All employees and subcontractors are required to familiarise themselves with the fire fighting equipment on site.

    - Extinguishers are provided in the temporary office
    - A notice is posted explaining extinguisher type and colour

11. Site Specific Hazards – refer to Risk Assessments

INDUCTION ACKNOWLEDGEMENT FORM

NB: All employees / subcontractors must ensure they fully understand all the relevant Health and Safety information prior to signing the acceptance sheet.

Date	Name	Company	Awareness Of COSHH Data/Info	Awareness of acceptable Risk Assessment Information	Awareness of Site rules	Employee/ Subcontractor Signature

Section 9.0

RISK ASSESSMENT STATEMENT MATRIX

Introduction

This statement identifies the general risks associated with the works being carried out at the above premises on behalf our client Dove Retail Ltd: This statement is not conclusive and will be added to, if any unforeseen changes are made to the works programme or to the working operations.

The safety aspects of this project are addressed in individual sections and each section contains the necessary "control measures" to minimise the likelihood of accidents/incidents occurring.

This document will be used to cover the necessary safety information, as required by the Management of Health and Safety at Work Regulations 1999 to all Company Employees and Subcontractors.

A. Authorisation Procedures

- We do not operate a company authorisation procedure as we are of the opinion that each project has different risks and hazards and individual requirements, as such, each of our projects require site specific authorisation. This authorisation procedure is developed from our on-site induction/briefing that will be attended by all staff involved in the project, which will include company employees. Company nominated subcontractors ant the Clients directly appointed subcontractors.

- Our site foreman will deliver the site induction briefing, and all those attending site will sign the induction acknowledgement form.

- All site staff will be dressed in their respective company attire or will have some form of company ID available, which will be available at all times. This ID will form part of the site security and also maintain customer confidence.

- Visitors to site and site staff will register on site on a daily basis. A site register will be available and retained within our site temporary accommodation.

- All visitors will attend a tool box talk type induction which will outline all the site rules/restrictions and emergency procedures. Where reasonable practical all visitors will be accompanied around the site by our Site Foreman.

- Site visitors may include Client, Principal Designer, Petroleum Officer, HSE and Company Safety Advisor will register on site within the Site Visitor Register.

- The policing of the Site Induction for visitors and staff will be carried out on a daily basis by our Site Supervisor, this will be supplemented by our Safety Manager who will conduct regular site visits to ensure that employers and subcontractors are carrying out their work operations in a safe and controlled manner.

- Any person discovered on site that has not attended the induction or have not registered on site will be requested to leave site until such time as they have attended or signed the Induction Acknowledgement, as this will form the authorised procedure on site.

- As our works may interact at the same point with the existing service station which is to remain operational throughout the works we will at these times inform all persons that they must sign within the service station's site visitor book and where applicable will work to obtain clearance certificates for each task undertaken.

B. Access / Egress

- The site will be accessed from Barnsley Road. Barnsley Road can be a busy road therefore extra care should be taken accessing and egressing the site at all time. Parking of vehicles is restricted. The highway visibility must not be obstructed at any time, without Highway authority.

- Delivery and collection vehicles should enter the site on arrival to avoid being a hazard to other road users.

- The contractor will make all necessary arrangements to reduce the risks to pedestrians and other road users.

- Access into the site will be via the existing crossover area which will be of sufficient area to allow for our deliveries, and site cabin set op to be undertaken without alterations being made. During our programme of works it will be necessary to cordon off the existing site using Heras type fencing.

- Access to visitors will be restricted; all visitors will report to our site office and, where possible, be escorted about the site by our foreman.

- Unrestricted access for emergency vehicles will be available at all times during our work operations

- Whenever the site is left unattended we will ensure that all mobile plant and their attachments are lowered and stored as per the manufacturer's requirements. All keys will be removed and controls operated to remove any residual pressure within the hoses. All cab doors/windows will be locked and wheels scotched to prevent joy riding. All access ladders onto scaffold structures will be removed or rendered inaccessible by securing a scaffold board along the treads of the ladder. All mobile tower scaffold will be dismantled at the end of the day.

C. Working Boundaries

- During our operations we will have a 1.8 metre high Heras fence erected around the work area. This fence will be erected on manufacturers blocks extending from the ingress/access crossing and encompass the whole site, to prevent unauthorised access. The erected Heras fence will be doubled clipped and bolted to form a secure fence.

- General "Work in Progress", "No Smoking-No Naked Flame" notices will be erected in prominent positions along the Heras fence. A disclaimer notice to parents of small children will also be placed on the Heras fence.

- Heras fencing will also be used to form an internal compound area for our site cabins, which will be placed in the designated area. This internal compound will also contain our welfare facilities, storage area for steel cabins etc.

- Any excavated areas will be protected by High Level bollard/tape or by placing cover plates over all exposed excavations. All large excavations will be appropriately battered back or will be provided with trench support system and propping system. Heras fencing or similar will be placed around the same to prevent unauthorised entry.

D. Protection of the Public

- To prevent the public or visitors to the Service Station and other businesses coming into contact with our work operations, we will ensure that each of our work areas is adequately protected by providing appropriate fencing / bollards.

- All chemicals/substances or articles likely to affect the safety of the public and service station staff will be locked within the security of the steel cabins.

- To prevent unauthorised public access onto our site we will ensure that the site temporary access remains closed at all times we are in attendance on site and that the access is locked by means of chain and padlock on occasions when the site is unattended.

- Trailing cables/hoses will not encroach into public areas and where this is unavailable they will be covered over to ensure that a trip hazard is avoided.

- Public access to our designated area will be prevented at all times during our work operations.

- Vehicles to our site will not reverse unless accompanied by a banksman who will control the reversing procedure.

E. Protection of Subcontractors

- We will use several specialist subcontractors during this project, several of these subcontractors will be directly appointed by the Client, but will be under our control whilst on site.

- We will contact each subcontractor to ensure that they are fully compliant with the provision of Health and Safety competence.

- Our subcontractor verification system will be used in this process. All subcontractors will attend the companies site induction /briefing that will outline the site rules/restrictions and emergency procedures. This will form the authorisation procedure for the subcontractors who will sign the acknowledgement form on completion of the induction.

- All subcontractors will wear the appropriate PPE as indicated within section S of this matrix.

F. Use of Plant and Equipment

- The work/operations will involve our employees and subcontractors using several items of plant/equipment, which may include the following:

    - JCB/Excavator (various attachments, breaker etc)
    - Crane and associated lifting equipment
    - Mobile elevating platform
    - Diamond tipped cutting saw with continuous water feed
    - Pneumatic breaker
    - Compressor
    - Wheelbarrows
    - Skips
    - Large and small hand tools
    - Battery operated power tools
    - Transformers 110volt

- RCD
- Heras fencing

This list is not exhaustive and will be supplemented with additional plant/equipment as dictated by the site Conditions.

- All portable equipment will be PAT tested and tagged with date of inspection, and date of next due inspection.

- All electrically operated tools/equipment will be operated fro a 110 volt supply and fitted wit a RCD

- All trailing cables and hoses will be confined to our work area. Where this is unavoidable these will be covered over.

- Copies of maintenance/inspection certificates for all mobile plant will be made available and will be kept on site.

- Operators of mobile plant will prove competence by providing a copy of and being in possession of the appropriate CITB CPCS License or similar.

G. Training

- All of our employees are familiar with working on Service Stations and have all attended a Forecourt Appreciation Course.

- A copy of our Code of Practice for Working on Service Stations will be available on site and will form part of the on-site induction/briefing, and all site personnel will sign to acknowledge their understanding of all site rules/restrictions and Code of Practice.

- If during our work on site our staff are not competent or the work is not within their capabilities, we will either employ the services of specialised subcontractors or we will select an employee to undertake the appropriate training.

- Subcontractors will also comply with the above and provide evidence of training for their particular aspects of the work.

- Regular site meetings will be scheduled throughout the project and the appropriate parties will attend these ie:

  - Principal Contractor
  - Designer
  - Principal designer
  - Subcontractors
  - Site Foreman
  - Client

- All meetings will be minuted

- Site employees and subcontractors will be encouraged to contribute to the safe working environment of the site, by recommending / suggesting ideas that may be implemented to make the site a safer working environment.

H. Working at Heights

- Working at height is a major hazard throughout this project, and will be undertaken by working from various access equipment including step ladders, ladders, trestles / staging and scaffolding. All of these systems will be used in line with the company's Work Guidance Notes.

- Any operative working from heights will be provided with fall protection equipment i.e. fall arrest harness.

1. Stepladders (Class 1 Industrial)

- All stepladders will be used on a firm level surface
- Stepladders will be in good state of repair
- Stepladders will be fully opened with stays locked into position or adjustment cords taut.
- Whilst using the stepladders all operators will ensure that their hips are kept below the top platform and maintained between the stiles to maintain stability of the stepladder.

UNDER NO CIRCUMSTANCES WILL ANY PERSON ACCESS THE TOP PLATFORM OR WORK FROM THE TOP PLATFORM

2. Ladders (Class I Industrial)

- Prior to use, all ladders will be checked to ensure correct length, type and condition.

- Work from a ladder is restricted to that which can be carried out using one hand only (thus maintaining three points of contact at all times)

  - All ladders will be placed on a firm and level surface.
  - Whilst being secured in place all ladders will be footed by a second person (maximum 5 meters high).
  - Ladders will be placed at an angle of 75° or base to height ratio of 1:4.
  - Ladders used within scaffolds and to access first lift of scaffold will be of sufficient length to extend 1.05 meters or 4-5 rungs above the step off point.

3. Trestle I Staging

- All trestle / staging will be erected on a firm and level surface with sufficient trestles to support the staging/scaffold boards.

- Trestle / staging will only be used to a working platform height of 1.4 meters (where work is to be undertaken above this a scaffold platform will be erected).

- The height of the trestle will be adjusted using the purpose designed locking pins to support the trestle at the appropriate height.

- The trestles will be fully boarded out to form a secure/stable working platform with sufficient access being maintained for movement of staff along the platform.

- Handrails will also be fitted to the trestle to prevent any falls.

UNDER NO CIRCUMSTANCES WILL THESE PLATFORMS BE OVERLOADED WITH MATERIALS

4. Scaffold

- Our scaffold structure will be erected by a reputable scaffold company using experienced and competent staff, for each erection or alteration made to the scaffold the scaffold company will issue a 'Handover' Certificate.

- The scaffold will be erected in line with our procedure for working off scaffolds.

- All scaffolds will be erected on a firm and level foundation. Where this is not possible timber sole boards will be used. The timber sole boards will be sufficient length to span at least two scaffold standards (this will evenly distribute the load placed upon the scaffold).

- Base plates with spigots will be placed upon the sole boards and the scaffold tubes (standards) will be placed directly over the central spigot of the base plate.

- Ledger tubes will be run parallel along the proposed extension and these will be coupled to the scaffold standards with load bearing couplers (right angle/universal).

- Transoms will then be positioned across the ledgers so as to form a working platform. Transoms will be attached to the ledgers using non-load bearing couplers (transoms/put log couplers).

- Various bracings will then be incorporated within the scaffold structure which may include: facade, ledger, zig-zag, diagonal, rankers etc. All bracings will be attached to each standard with load bearing couplers (universal/right angle).

- All working platforms of the scaffold will be fully boarded out to prevent debris falling between openings, provided with toe boards and double guard rails which will be spaced so that no gap greater than 470mm appears on the platform.

- Debris netting will be positioned on all working platform areas.

- Hoists/ginwheels will extend 750mm from the scaffold and will be braced back within the scaffold and will be supported with load bearing (right angle/universal) couplers.

- The erected scaffold structure will be inspected every 7 days by a competent person who will make a written report which will be available on site. All defects discovered will be immediately actioned by our Site Foreman.

- Where a scaffold is in the process of being erected or altered but cannot be completed, we will erect a scaffold warning notice stating 'Do Not Use Scaffold Incomplete'.

5. MEWP'S

- Only operate mobile elevating platforms if you have completed the **MEWP'S** Training Course. CITB / IPAF /PASMA Certified.
- If you are assisting the **MEWP'S** operator, ensure you familiarise yourself with this procedure.
- Carry out daily Pre Inspections of the Machine.
- If there is any risk from contact by other plant or vehicles, erect a suitable protection barrier around the M.E.W.P.
- Prior to moving the M.E.W.P., assess the work area to ensure there are no obvious hazards, e.g.:
    - Overhead Wires
    - Other Vehicle Movement
    - Protruding steel work
    - Other low structures
- Always wear a harness within the M.E.W.P. (Undertake Assessment of Work Activity, Working Height 6.5 metres.)
- **DO NOT** work from any platform except from the M.E.W.P. basket.
- **DO NOT** carry excessive materials or long items of equipment within the basket.
- Always check the weight of equipment against the manufacturers Safe Working Load of the machine.
- Protect your M.E.W.P. with safety cones wherever possible.
- Operate all M.E.W.P. controls platform and ground prior to operating the M.E.W.P. (This will include Safety / Auxiliary Controls).

I. Site Rules

- All site employees and subcontractors will attend site specific induction/briefing and will countersign the training confirmation sheet as authorised to be on site.
- Employees and subcontractors will register on site confirmation on a daily basis.
- PPE to be worn at all times by all site staff.
- No reversing of vehicles without a banksman in control.
- All site personnel to behave in a professional manner and will be polite and courteous at all times.
- The following site rules/restrictions will be implemented and enforced on site by our Site Foremen on a daily basis and also by our company safety advisor, who will make regular unannounced visits throughout the project.
- Our site compound will be located within the confines of the site.
- All materials will be stored within our site compound. Hazardous material will be stored within our lockable storage cabins.
- All pedestrians and vehicular access routes will remain unobstructed during the project.
- All persons will be properly and correctly trained for their particular work operations.
- The site will be continually cleaned to maintain the existing clean environment.
- No smoking will be allowed
- No radios, cassette players, walkmans or alike will be allowed on site.
- Mobile phones will not be used on site.
- No person to be under the influence of alcohol or non-prescribed drugs.
- No parking unless in designated areas.
- No abusive language, wolf whistling or similar.
- No fires.
- Lone working not permitted.
- All site staff will be made aware of the emergency evacuation procedure for the site.
- These rules are in addition to those that are highlighted in the Preconstruction Health and Safety Plan which will also be implemented and applied by our Site Foreman.

J. Welfare Facilities

- To comply with the Construction Design and Management (CDM) Regulations 2015, we will provide the following welfare facilities, which are located in **Site Storage Compound**:

  - Mess/Office Accommodation (tables and Seating)
  - Storage cabin
  - WC facilities will be provided with the use of a portable toilet unit with running water
  - Hot/Cold Water
  - Fresh drinking water
  - Water/Food heater
  - First Aid (with contents for 50 persons)
  - Fire extinguishers (2 dry powder and 2 water extinguishers)
  - Heating/Lighting
  - Drying area
  - Temporary electrical supply.

Prior to starting work a pre-start meeting will be convened of all interested parties, part of this meeting will include the position and use of site welfare facilities.

K. Emergency Procedures

- A list of emergency contact numbers for the local Fire, Police and Ambulance are contained within Section 4.0 of this plan (a copy of these contact numbers will be posted within the mess facilities on site). Also in section 4.0 are the emergency call-out numbers for the utility services, gas, water and electricity.

- In the unlikely event that an emergency should arise during our proposed work operations, the following procedure will be applied.

1. First Aid

Minor Injuries

- All minor injuries on site will be treated by our nominated First Aider (Site Manager).

- Our Site Manager will also enter each accident/injury within the Site Accident Book. If our Site Manager is not on site at the time of the incident, the First Aid Book can be completed by the injured person or other site staff.

- A fully equipped first aid box will be maintained on site within the farmhouse designated office area.

Serious Injuries

- All diagnosed serious injuries will be examined by the site First Aider (Site Manager) who will assess the extent of the injury and will assess if hospital treatment is necessary.

- Where a person is injured and hospital treatment is deemed necessary, the Site Foreman will either contact the hospital to explain that he will drive the injured person to hospital or the Site Manager will treat and reassure the injured person until the ambulance arrives.

- All accidents will be recorded within the sites Accident Book. All serious accidents will be internally investigated by the company's Safety Advisors, who will also notify the local H.S.E. and other relevant parties.

2. Fire

- Anyone discovering a fire on site will immediately raise the alarm by shouting ***FIRE*** whilst making their way to the fire assembly area which is the area outside the main gate.

- Once you have arrived at the fire assembly area you will continuously sound the air horn and wait for the Site Foreman to undertake a roll call.

- On hearing the air horn or someone shouting ***FIRE*** all persons will stop work and make their way to the fire assembly area.

THE FIRE ASSEMBLY AREA FOR THIS PROJECT IS THE SITE COMPOUND AREA, ADJACENT THE ACCESS AREA

- Our fire extinguisher will be kept within the site cabin.

- Our Site Manager will immediately contact the emergency services and explain the situation whilst making his way to our designated office to collect the Site Register.

- Our Site Manager will then proceed to the fire assembly area and will conduct a roll call using the site register (our Site Foreman will notify the emergency services of any person not accounted for).

- Under No Circumstances will any person return to the area to collect personnel belongings until requested to do so by the emergency services.

- The Fire Safety Co-ordinator is Nigel Storey.

L. Lifting Equipment

- All major lifting operations will be undertaken using a crane and its associated lifting devices, chains, D' links, bow shackles, webbing bands etc.

- Test certificates will accompany all items of lifting equipment and each item of equipment will be stamped with the safe working load (S.W.L.).

- A lifting plan will be produced which will identify the position of the crane, swing direction of the jib, material/item to be lifted and location of finished lift. Under no circumstances will the crane operator swing the loads directly over site personnel.

- A competent person will be appointed as slinger and he will be responsible for securing the load to the crane and for guiding the crane operator to deliver the load to the appropriate location.

- Once at the appropriate height the cranes lifting equipment will be attached to the load and the load will be manoeuvred down into its final position.

- Other forms of lifting gear will be used and this may include hiab type lifting equipment i.e. lorry mounted for off loading delivery vehicles etc.

- All sub-contractor supplied lifting gear will also be provided with the relevant test certificates.

- Reach forklift – where this is used it will be operated by a competent qualified operator.

M. Handling Materials / Equipment

- We realise the importance of minimising manual handling where reasonably practicable, and to this end we will utilise mechanical means for the major lifting operations. This will include cranes for lifting items during the roofing process and also during the canopy construction and installation.

- Were Manual handling cannot be eliminated altogether, we will practice team lifting and
- Will operate job/work rotation, which will enable our employees and sub-contractors to take regular breaks to prevent strains and muskulosilectal disorders.

- Wheelbarrows will also be used for moving small items of materials/equipment around the site.

N. Control of Substances Hazardous to Health

- The work operations will involve our employees and sub-contractors working in close proximity to earth/soil, which may be contaminated with petrol/diesel or other residues attributable to a service station environment.

- With regards to our construction materials we do not envisage using any materials on the project that present any significant health risk to our employees or sub-contractors. However, COSHH data sheets will be available on site for the known substances and our employees and sub-contractors will be encouraged to follow the control measures applicable to the material being used.

- Whilst using any substance/material our employees and sub-contractors will wear the appropriate personal protective equipment, to prevent/minimise contact and to prevent ingestion.

- None of the following materials will be used:

    - High alumina cement in structural elements
    - Wood wool slabs in permanent formwork to concrete or in structural elements
    - Calcium chloride in admixtures for use in reinforced concrete
    - Asbestos or asbestos-containing products, as defined in The Control of Asbestos Regulations 2012
    - Aggregates from natural sources for use in reinforced concrete which do not comply
    - with British Standards Specification 882: 1983 and other aggregates for use in concrete which do not comply with the provision of British Standard Specification 8110: 1985.
    - Lead or any products containing lead used internally or allowed to come into contact with drinking water.
    - Urea formaldehyde or materials which may release formaldehyde in quantities that may be hazardous, with reference to the limits set, from time to time, by the Health and Safety Executive.
    - Materials which are generally comprised of mineral fibres, either man-made or naturally occurring, which have a diameter of 3 microns or less and a length of 200 microns or less or which contain any fibres not sealed or otherwise stabilised to ensure that fibre migration is prevented.
    - Polyiscoyanurate or polyurethane foam
    - Polytetrafloroethylene (PTFE)
    - Glass reinforced concrete
    - Blocks manufactured using crushed minewaste
    - Other substances generally known to be deleterious at the time of use

- Our employees and sub-contractors are familiar with the general construction materials that we intend to use during the course of this project.

- COSHH data sheets will be available within this plan for all chemicals, dusts, and construction materials that we envisage using.

- Our employees and sub-contractors are aware of the control measures associated with these products and will implement these control measures.

- Where a product or substance is brought to site fro which we or our sub-contractors are not familiar then this will not be used until the manufacturer of the product / substance has been contacted and the application and safety data information is available on site.

- All hazardous chemicals, dust etc., will be stored and locked away within a lockable steel cabin to prevent our employees, sub-contractors, visitors and unauthorised persons coming into contact with same.

- Where hazardous materials (asbestos) are identified during the project we will suspend all work operations and seek advice from our Safety Advisors and the Principal designer.

- Personal Protective Equipment will be worn by all staff and sub-contractors, who use, mix or handle all chemicals/substances that have the potential to cause harm (hazardous). This P.P.E. will include:-

    - Gloves
    - Ear Protection
    - Respiratory Protection
    - Overalls

- Our employees and sub-contractors are aware of the control measures associated with these products and will implement these control measures.

- Where a product or substance is brought to site fro which we or our sub-contractors are not familiar then this will not be used until the manufacturer of the product / substance has been contacted and the application and safety data information is available on site.

- All hazardous chemicals, dust etc., will be stored and locked away within a lockable steel cabin to prevent our employees, sub-contractors, visitors and unauthorised persons coming into contact with same.

- Where a hazardous material (asbestos) is identified during the project we will suspend all work operations and seek advice from our Safety Advisors and the Principal designer.

- Personal Protective Equipment will be worn by all staff and sub-contractors who use, mix or handle all chemicals/substances that have the potential to cause harm (hazardous). This P.P.E. will include:-

    - Gloves
    - Ear Protection
    - Respiratory Protection (FFP3)
    - Overalls

O. Health & Safety Information

- The following Health & Safety information will be maintained within the Site Managers office as the Site Manager will be responsible for ensuring that the following information is available on site at all times:

  - Company Insurance details
  - F10 Notification of Project (if project falls within criteria)
  - Construction Phase Health and Safety Plan
  - Site Registers (daily for site staff and visitors register)
  - Emergency Contact Numbers and Emergency Procedure
  - Scaffold inspection register
  - Excavation inspection Register
  - Accident Book
  - Health and Safety poster
  - Service location plans
  - Proposed site drawings
  - Site Plan
  - Method Statements
  - Risk Assessments
  - COSHH Data
  - Code of Practice "Forecourt Working"
  - Clearance certificates
  - Hot Work Permits

P. Traffic Management

- Our employees and sub-contractors will park all company vehicles within the confines of our site compound area. Where there is insufficient car parking space within our compound we will park vehicles within the area of the site works. This will then provide additional car parking within the site compound area.

- Vehicle and pedestrian access will be as shown on the Site Management Plan.

- Our Site Manager will enforce a speed limit of 5 mph. on site.

- Access will be maintained at all times for emergency service vehicles i.e. fire, police, ambulance.

- A turning circle for delivery lorries will be established within our working area. This will eliminate the necessity for vehicles to reverse on site.

Q. Environmental Effects

- Several environmental changes will be encountered during our work operations that may affect the local residents and businesses. These will be addressed as follows:

1. Dust

- Dust will be a major factor within this project. However we will take steps to suppress the dust at source by applying water to the surface area and during the work directly onto the machine.

- Our Stihl saws will be fitted with continuous feed water systems to cool the blade and to suppress dust. This work will be undertaken during normal working hours and is not envisaged as being a major health risk. Our employees and sub-contractors will be provided with respiratory protection during these processes.

2. Noise

- Noise is inevitable during the demolition, and ground removal works. However to minimise the effects of nuisance noise to local residents the work will be undertaken
- during normal working hours.

- The plant / machinery that we will use will be relatively modern and will incorporate nose reduction systems i.e. padded linings or silencers and fitted with anti vibration systems i.e. rubber stands/packing. During all noise related work operations our employees and sub-contractors will be provided with ear protection (ear muffs/plugs).

- Where local residents require quiet period (due to irregular shift patterns or night shift workers) then work scheduling may be programmed to suit local residents requirements.

3. Debris

- Debris and packaging materials from around our construction products / materials will be placed immediately into waste skips for removal from site.

- The Site Manager will ensure that the site is cleaned on a weekly basis so as to prevent trip hazards occurring across the site, and also to maintain a dean environment in which our staff and sub-contractors can work safely.

4. Smoke / Fires

- The burning of construction waste will NOT be allowed on site.

- MUD

- During wet periods mud may become a problem on site and within the local vicinity of the site.

- During this period we will use a temporary water supply to a hose for cleaning delivery vehicles wheels, prior to entering the main highway and we will employ the services of a local road sweeper to maintain all areas as clean as reasonably practicable.

R. Waste

- All waste produced during the works will be removed immediately from site via six wheeled lorries. This will include the waste produced during the demolition and groundwork's that are to be undertaken by Bloom Plant, who will clear the site to an appropriate depth.

- Spoil from the service trenches and foundation works will be removed from site via lorries. Where topsoil is encountered, this will be stockpiled for future use (landscaping).

- When contaminated ground waste is removed from site the waste removal company will issue waste transfer notes which will be retained by the Site Manager for inclusion within the Health and Safety File.

S. Personal Protective Equipment

- The following personal protective equipment/clothing will be worn during this project as a minimum:
  - Hard Hats
  - Safety Footwear
  - High Visibility Vests
  - RPE FFP3 Respiratory Equipment where cutting / grinding or risk of dust exposure

- The following will also be available and will be used during the associated works:
  - Eye Protection (excavating, cutting, drilling, etc)
  - Respiratory Protection FFP3 (surface cutting, drilling, excavation)
  - Gloves (handling materials, contaminated waste)
  - Breathing Apparatus
  - Atmosphere Monitoring
  - Oxygen Meter
  - Life Line
  - Intrinsically Safe Lamps/Lights
  - Non Sparking Tools (phosphor bronze)

T. Site Safety Communications

- Our site manager will act as Safety Co-ordinator on this project and will liase with all employees, sub-contractors and visitors to provide all relevant information required by the Principal designer.

- Our Site Manager will also be our point of contact for site employees who have concerns on any aspect of site safety. These areas of concern will then be raised at the monthly site project meeting which will be attended by the following:

  - Client or Clients representative
  - Principal Contractor
  - Site Foreman
  - Principal designer
  - Architect I Designer
  - Sub-Contractor

- Our Site Manager will monitor the day to day work activities of our employees and sub-contractors.

- Our Safety Advisors will undertake regular monthly Site Safety Audits on the work activities of our employees and sub-contractors.

- All non-conformances will be discussed and actioned at the time of the audit by the Site Foreman in conjunction with the Safety Advisor.

U. Principal Contractor / Principal designer

- All the relevant project Health and Safety information produced during this project will be collated by the Site Manager/Principal Contractor and will be forwarded to the Principal designer.

- This information will include the following items:

  - As-Constructed Building Drawings
  - Fire Strategy Drawing
  - As-Constructed Structural Drawings and Calculations
  - Key Structural Principals and Safe Working Loads
  - Details of any Residual Hazards which remain
  - Details of any Hazardous Materials used
  - Cleaning Strategy
  - COSHH Data Sheets for materials that are to be used for cleaning / maintaining the property
  - Information regarding the removal or dismantling of installed plant
  - Information relating to equipment installed for cleaning or maintaining the buildings
  - Drawing showing the location of incoming services

- All of the above information is required so that the Principal designer can complete a comprehensive Health and Safety File for the project.

Section 10.0

METHOD STATEMENTS

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HEALTH & SAFETY METHOD STATEMENTS

CONCRETE WORKS

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a) Buried Services
b) Contaminated Earth (contact)
c) Handling Concrete (COSHH)

IDENTIFIABLE RISK MEDIUM

The works to be undertaken have been identified as a Medium Risk. The Principal Contractor or the nominated Site Foreman will ensure that this Health and Safety Method Statement is included into the overall Site Safety Briefing.
To confirm that all attendees to the Site Safety Briefing have understood the contents of the Method Statement they will countersign the attached Method Statement Acknowledgement Form. This form will be retained on site whilst the project runs.

PROCEDURE

- We will undertake these work operations using experienced and competent staff who have carried out these work operations in a safe and controlled manner on several occasions in the past.

- Personal Protective Equipment will be worn by all Site Staff and will include:-

  - Safety Helmets
  - Safety Footwear (Wellingtons if entering the concrete)
  - Gloves
  - High Visibility Vest etc

- We will cordon off our work area to prevent unauthorised access onto the site.

- General "Work in Progress" notices will be erected in prominent positions upon the perimeter fencing.

- Prior to carrying out any excavations for the proposed footings we will undertake a CAT Scan of the area to identify the location of any buried services. The routes of identified services will be marked clearly with road line paint.
- We will also request service location plans from the Client or the appropriate Service Amenity Supplier.
- The excavation for the footings will be undertaken using an Excavator, but when approaching services we will stop using the excavator and start hand digging.
- The waste from the footings will be loaded directly onto lorries and be removed from site.
- Concrete for the footings and ground slab will be delivered to site via concrete mixer and will be poured directly into the footings or ground slab.
- After the footings have been formed the brickwork will be constructed to ground slab level around all elevations / sections.
- A ground concrete slab will then be poured directly from the concrete mixer. Our operatives will stand within the floor area to disperse the concrete to all sections of ground area using rakes, shovels, etc
- On completion of pouring and spreading of the concrete for the floor slab we will use a power float to ensure the floor slab is as even / level as possible.
- The area will remain cordoned off until the floor slab concrete has settled / cured

WORKING IN VICINITY OF MOVING PLANT

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance notes. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a) Being struck by Mobile Plant
b) Interaction with Plant/Visitos/Public
c) Uncontrolled Movement of Plant
d) Misuse of Plant

IDENTIFIABLE RISK MEDIUM - LOW

We have identified the initial risk as a Medium/High Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control Measures are implemented then the Risk will be significantly reduced to a Low Risk.

To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

PROCEDURE

- All of our Staff on Site will be trained and experienced to carry out their work operations in a safe and controlled manner.
- All Operators of Mobile Plant are competent having attended a Plant Safety Awareness Test for Plant operators and are also in possession of the relevant RTIB / Plant Operator Cards which identifies the categories of Plant that the Operative can use.
- Whilst ever Mobile Plant is being used on Site the following Personnel Protective Equipment will be worn:-
    - Hard Hats
    - Safety Footwear
    - High Visibility Vests
    - Ear Defenders – may need to be worn if working in close proximity to the Mobile Plant

- The following Mobile Plant may be used on Site

    - J.C.B.
    - Excavators (Mini 180o & 360o)
    - Dumpers
    - Cranes
    - Fork Lifts (Counter Balance – Telescopic)
    - Bob Cat

- We will cordon of our work site using a variety of Fencing / Protective Barriers. However where Mobile Plant is in operation the majority of time we will erect 1.8 mtr High Heras fencing which will be bolted together with Double Clips and placed on Manufacturers Blocks. This will prevent unauthorised access onto our Site and will minimise the risk of persons Joy Riding on our Plant.

- Where practical all Plant operated by McFadden Building and Civil Engineering Ltd will be fitted with Audible Alarm when reversing and a Flashing Amber Light whilst operating on Site.

- **All Site Staff will wear HIGH VISIBILITY VESTS / REFLECTIVE VETS / WAISTCOATS so that the Plant Operator can identify individuals clearly.**

- Pedestrian walkways will be clearly identified and Mobile Plant will not operate within this vicinity.

- All Sites Should be planned by the Contracts Manager in conjunction with the Company Health and Safety Advisors in order to :-

    a) Minimise reversing of plant

    b) Identify plant routes

    c) Identify pedestrian routes for Employees

    d) Plan turning areas for plant

    e) Set Site Speed Limit

- All Sites where plant is in operation will have a Site Speed Restriction of 5 m.p.h. so that in an Emergency all Plant operators can stop quickly.

- Where reversing of Mobile Plant is unavoidable on Site the Site Foreman will appoint a Banksman to accompany the Plant Operator. This person will be responsible for guiding and positioning the plant away from other Site Personnel.

- Each piece of Mobile Plant on Site will be inspected by the Operator at the star of each day and every 7 days the Operator will complete the Plant Register and identify any/all defects.

- Dumpers will be operated by competent persons and when used to infill excavations / trenches on site, Stop Blocks will be placed to prevent the Dumper encroaching to close to the sides of the Excavation / Trench.

- When Cranes are used on Site or when Excavators are used as Cranes, a Slinger will be appointed by the Site Foreman. The Slinger will be responsible for securing the load, fixing the lifting chains and for the positioning and guiding of the Crane and Load to its final resting position.

- The Slinger will ensure that during all Lifting Operations, Loads are not lifted or manoeuvred over any persons head, and all loads must be slung away from Site Staff.
- At the end of each day the Operator of the Plant will park the Plant within the Internal Compound on firm ground adjacent to the Site Cabin. All attachments will be lowered, brakes applied, taken out of gear (put in Neutral), all Cab windows / doors closed and locked, Wheels choked (to prevent accidental movement) and the operating key removed and handed to the Site Foreman.
- By taking this action we will minimise unauthorised access onto the plant and reduce Joy Riding

EXCAVATIONS – DRAINAGE & SERVICES ACO CHANELS

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance notes. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a) Premature Collapse of Trench
b) Contact with Live Services
c) Interaction with Public
d) Handling Contaminated Soil/Earth

IDENTIFIABLE RISK MEDIUM - LOW

We have identified the initial risk as a Medium/High Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control Measures are implemented then the Risk will be significantly reduced to a Low Risk.

Attention is drawn to the BT overhead line and water services crossing the site crossing the site which will remain LIVE during Phase 1 building works. The exact location of all services MUST be determined before any excavation is commenced. The position of all existing buried or hidden services MUST be ascertained before any work commences and the results shown to either the architect or any representative from the various statutory services.

To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

PROCEDURE

- Our Staff are trained and experienced to carry out these work activities in a Safe and Controlled manner having carried out similar work operations on numerous occasions in the past.

- Personnel Protective Equipment / Clothing will be worn during these work activities and may include the following:-
  - Hard Hats
  - Safety Footwear
  - Gloves
  - Eye / Ear Protection
  - High Visibility Vests

- Ear Defenders

- The following Tools / Equipment will be used during the Excavation Works:-
  - Excavator (Mini 180o – 360o)
  - CAT Scanner
  - Compressor / Pneumatic Breaker
  - Trench Supports / Cover Sheets
  - Stihl Saw / Diamond Tipped Blade
  - Wheel Barrows
  - Skips
  - Fencing

- Our work area will be effectively cordoned off to prevent unauthorised access , this will be achieved by erecting interlocked Heras fencing supported on Manufactured blocks and double clipped.

- General "Work in Progress", " Danger Deep Excavations" and Disclaimer Notice to Parents will be posted in prominent positions upon the Heras fencing.

- Prior to any work commencing the Contracts Manager will obtain Service Location Drawings for the proposed area of work and these Service Routes will be marked on the existing Road Surface with Road Line Spray Paint by the Site Foreman, so that all Site Staff are made aware of the location of these Buried Services.

- Where Service Location Drawings are not available and to ensure Site Safety a CAT Scan will be carried out by a competent person and any service identified will be surface marked.

- A survey of the area will also be carried out to identify locations of Drainage's, Manholes, Cable Ducts and the Road Surface for significant changes, i.e: recent excavations etc.

- After identifying the route of our excavations our operatives will pre cut the existing surface area using the Stihl Saw fitted with a Diamond Tipped Blade and continuous Water Feed to suppress the dust. (During these work operations our operatives will wear the appropriate P.P.E., i.e: Eye / Ear Protection, gloves etc).

- The Compressor / Pneumatic Breaker will then be operated to break up the remaining surface between the Pre cut area. (Whilst using the Compressor / Breaker all persons in the vicinity will wear the appropriate P.P.E., i.e: Eye / Ear protection, Gloves etc).

- The broken area will then be excavated using either Large Hand Tools or Machine (Excavator). The Top Surface will be shovelled into Wheel Barrows & transported to Waste Skips for removal from site. The remaining spoil will be removed from the proposed area & placed adjacent to the formed Trench area at the Angle of Repose for future use.

- When at the required depth services will be installed, the trench area infilled, this sequence will continue until all new services have been installed & the area infilled.

- Where damaged drains are to be repaired we will expose the damaged section after isolating the appropriate source, this section will then be removed and a new section fitted.

- If the area is to remain open overnight or is to be left unattended for any reason, we will place cover boards / plates over the trenches in addition to the perimeter fencing, this will prevent any unauthorised access.

- On completion of the Trench infill the area will be compacted and the surface will be reinstated to match the surrounding area.

- All fencing and Safety Notices will be cleared and the Surface swept clean.

WORKING ON SCAFFOLDS

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

Introduction
The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.

This Statement defines the procedure, which will be applied to minimise the risks andwill form part of the Training Document for all Site Operatives. This will ensure that allOperatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".

The statement is accompanied by additional work activity guidance notes that are contained within the Company Employee Handbook. This will ensure that all safety criteria have been addressed.

Identified Hazards
- Falls from Height – Persons
- Falls from Height – Equipment / Materials
- Interaction with General Pubic

Identifiable Risk **MEDIUM**
- We have identified the initial risk as a High Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control Measures are implemented then the Risk will be significantly reduced to a Medium Risk.

- To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

Procedure
- Where a Scaffold Structure is required for our Work Operations this will be erected by our nominated Specialist Subcontractor using competent persons to erect the Scaffold.

- Our nominated Scaffold Company will erect the Scaffold in accordance with the provisions of TG20:13 Scaffolding Guidance or equivalent

- All Scaffolds to be used by McFadden Building will be erected as follows:-

1. Scaffold will be erected on a Firm Solid Foundation and where this is not achievable then Timber Sole Boards spanning Two Scaffold Standards will be used.
2. Base Plates with spigots will be placed on the Sole Boards in line with the Scaffold Structure which will be placed directly over the Spigot.
3. Each Scaffold standard will be held in position with the Ledger supported at each standard intersection with a load bearing coupler (Right Angle / Universal).
4. Transoms will be placed every 1.2 mtrs or as per the requirements of the Scaffold to support the Working Platform Boards. These may be supported using non load bearing couplers.
5. The First Lift (Working Platform) will be positioned 2.7 metres above Ground Level to enable person(s) to move freely under the Scaffold without bearing obstructed.

6. Standards / Ledgers will be joined using sleeve couplets which will be staggered so that no more than 3 appear within the area of a junction.
7. If erected in a Public Area the bottom section of the Scaffold standard poles will be wrapped in Red/ White Bunting Tape for the ease of identification and Notices will be placed at either end stating "Working at Height".
8. During hours of Darkness flashing Amber Lights will be placed at the corners of the Scaffold.
9. Bracings will be placed throughout the Construction of the Working Platform and may include the following Zig Zag, ledger, Sway, Facade, Longitudinal and Rakers.
10. All bracings will be coupled to the Scaffold using Load Bearing Couplers (i.e; universal couplers) which will be used on each intersection with a standard.
11. Each Scaffold will be tied within the structure for which it has bee constructed, these will consist of box through lip or eye bolt anchorages (reveal ties will only be used if not practical to use any alternatives.
12. Our working platforms will be fully boarded out provided with Toe Boards and Double Guard Rail in Public areas we will include the following working Platforms to be underlain with Visqueen / polythene and overlaid with external ply board to collect all debris. Debris Netting will be applied to all Platforms.
13. Stop Rails will be placed across each area of Scaffold that is incomplete and Safety Signs will be placed upon these rails stating "DO NOT Scaffold Incomplete".
14. Ladders will be used as the means of access between each working platform and for accessing the Scaffold from Ground Level.
15. Each Ladder within the Scaffold will be secured on both styles throughout the Ladders length this will prevent the Scaffold from tipping whilst being used.
16. The Ground Floor ladder will be secured tied) at its uppermost section and will be footed during this process. This ladder will be removed at the end of each day or when the Site is left unattended.

- On completion of building the Scaffold Structure our nominated Scaffold Subcontractor will provide the Site Staff with an Handover Certificate which will state that the Scaffold is safe to use.

- **If a Handover Certificate is not issued the Scaffold is not to be used.**

- Where the Scaffold is to be erected for 7 days or more a Competent Person is to inspect the Scaffold and complete a Scaffold Inspection Report.

- **If this 7 day Inspection has not been completed the Scaffold must not be used.**

- The Scaffolding Subcontractor will notify McFadden Building Ltd of the S.W.L. (Safe Working Load) of the Working Platform as a Rule of Thumb materials will not be stored above the height of the Toe Board unless the Scaffold is equipped with Brick Guards then No Material will be stored above this height.

- A clear passage will always be available for our operatives to work in a Safe Manner.

- **If the Scaffold is left incomplete by our nominated Subcontractor a Safety Notice will be placed at the Bottom Access Way stating "Scaffold Incomplete DO NOT USE".**

- Materials will be lifted onto the Scaffold in a variety of ways, Fork Lift (operated by competent person). Small Conveyor (operated under supervision) or via Hoist (Barrow or Gin Wheel).

- Where a Hoist / Gin Wheel (S.W.L. 50kg) is used within the Scaffold Structure the Scaffold will be suitably designed and additional bracings will be incorporated within the Scaffold. At NO Time will we operate the Hoist beyond the Manufacturers Safe Working Load.

- Materials will not be thrown (bombed) from a Scaffold Structure, where materials / debris are to be removed from the Scaffold, these will either be lowered via the established Hoist, Gin Wheel (S.WI.L. 50 kg), Fork Lift etc.

  Where this is not practical we will establish a Dust Chute within the Scaffold Structure which will be directed into a skip for final removal.

- When a Scaffold is to be erect in the vicinity of a Public Area the Contracts Manager will contact the Local Authority for the appropriate Permission to erect a Scaffold.

- On completion of the work the Scaffold Structure will be dismantled by our nominated Scaffolding Subcontractor and the area will be cleaned.

DEMOLITION

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

Introduction
The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations. This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures". The statement is accompanied by additional work activity guidance notes that are contained within the Company Employee Handbook. This will ensure that all safety criteria have been addressed.

Identified Hazards
- Premature Collapse of Structure
- Falling From Height
- Falling Debris
- Interaction with the General Public

Identifiable Risk **MEDIUM**

We have identified the initial risk as a High Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control Measures are implemented then the Risk will be significantly reduced to a Medium Risk.

To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

Procedure
- Our staff are experienced to undertake these work operations in a safe and controlled manner having carried out similar work operations in the past on several occasions.

- Personnel Protective Equipment Clothing will be worn by all of our staff and nominated Subcontractors and will include, Hard Hats, Safety footwear, Gloves, Eye / Ear Protection, Respiratory Protection etc.

- We will cordon off our immediate work area by erecting Heras Fencing on manufactured blocks and double clipped to form a secure boundary fencing.

- General "Work in Progress" and "Danger Demolition in Progress" warning notices will be posted in prominent positions upon our boundary fencing.

- Access for the Demolition will be via Scaffold which will be erected in accordance with or Method Statement for "Working off Scaffolds" which will be referred to during these work operations.

- We will use the following Tools / Plant / Machinery and Equipment during the Demolition process, this will be dependant on the structure being demolished:-
  - JCB
  - Excavator 1800 or 360o
  - Lorries
  - Skips
  - Large Hand Tools

- Prior to demolishing the structure our Contracts Manager will contact the relevant services to ensure that all services within the property are isolated, this will include Gas (Transco), Water, Electric, Telecommunications, NTL etc

- Once confirmation has been received from the respective services we will undertake an internal soft strip of the premises by removing all fixtures, such as timber, skirtings, architrave's, door frames, doors, windows etc

- Our Electrical and Mechanical Engineers will remove all their associated equipment including pipework, radiators, boilers, electrical socket etc

- When the internal soft strip is completed we will commence the demolition by dismantling / removing the roof tiles / slates. These will be stored on the Scaffold Working Platform or if damaged will be loaded directly into the Dust Chute and placed in the skip.

- Roof timbers will then be removed from their fixings and these will be team lifted, stored on the scaffold when sufficient are available to remove them via the Excavator lowering to ground level. If an Excavator is not available the Roof Timbers and Trusses will be hand balled individually to ground level positioning persons along the proposed areas.

- The remaining shell of the structure will then be demolished using a piecemeal demolition process. If an Excavator is available this will be sued to push the structure inwards, however where an Excavator is not available we will work from off of the Scaffold using Hand Tools, Hammers, Chisels, lowering the structure course by course. The Scaffold will be lowered in sequence with the demolition.

- All of the brickwork will be pushed / knocked inwards towards the centre of the structure to prevent debris falling into the General Public or other working areas.

- The work will continue until the structure is lowered to ground level. At this point the demolition waste will be loaded into lorries for removal from site.

- Waste Transfer notes will be maintained by the Site Foreman.

- On completion of the works the area will be cleaned and the perimeter fencing will be removed.

EXCAVATION ON FORECOURTS

PROJECT:	Knockdown and Re-development
LOCATION:	245, Barnsley Road, Wombwell
CLIENT:	Dove Retail Ltd
DATE:	30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance notes. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a) Working within hazardous zones
b) Fire/Explosion risk
c) Presence of contaminated land

IDENTIFIABLE RISK MEDIUM

We have identified the initial risk as a Medium Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control
Measures are implemented then the Risk will be significantly reduced to a Medium Risk.
To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

PROCEDURE

- All of our staff deployed to this project are suitably trained to carry out the work safely. A recent programme of training has included a Forecourt Appreciation Course which was based on the Institute of Petroleum Guidelines for filling station contractors.

- All of our staff and sub-contractors working on our behalf will receive a site briefing from the Site Foreman, which will use this procedure and the Risk Assessment check list as the training documents. Particular emphasis will be placed on the prevention of cigarettes, matches, mobile phones and any other ignition risks, being brought into the work area.

- In line with the hazardous zone classification of the work area, the islands will be subjected to the four hour isolation rule (for use) and will be suitably electrically isolated at the main console area.

- The work area/site will be suitably fenced off to prevent public and vehicle access. To this end we will use heras fencing or high level bollards.

- General `Work in Progress' notices will be posted in prominent positions adjacent to the site fencing.

- Fire fighting equipment will be located close to the work area to cover any fire emergency.

- Prior to work commencing the area will be surveyed for the following hazards:
  - Presence of vapours using an Explosimeter
  - Presence of cables/pipes using a CAT/Generator
  - Compliance with all the necessary Risk Assessments
  - Completion of 'Hot Work Permit' (copy enclosed).

- All the work area will be cleared of spillage and dampened down to control any airborne dust.

- Powered cutting tools will be used (diesel operated) to make the initial forecourt cuts. This will have a constant water feed to reduce the heat generated at the tip and to minimise the production of dust.

- The breakage of the forecourt surface and materials will be carried out using a pneumatic breaker and compressed air generator situated outside the hazardous zone area and suitably protected from physical damage.

- The compressed air baggings will be earthed to prevent the build up of static.

- All compressed air breaker tools and hand tools will be anti-sparking type to reduce the risk of igniting any vapours.

- The excavation material could be contaminated by spillage so all site staff will be required to wear solvent resistant gloves.

- Waste materials which are identified as being contaminated with fuels will be located and disposed of separately.

- Throughout the work operations a regular check will be made for the presence of fuel vapours.

- Protective cover plates will be placed over all excavated areas that are to remain open.

- On completion of the work all barriers, fencing and safety notices will be removed and the site handed over to the Client I Service Station Manager.

IDENTIFICATION OF HAZARDOUS SUBSTANCE / MATERIAL

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

Introduction
The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the identification of a Hazardous Substance or Material, i.e.: Asbestos.
This Method Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Personnel. This will ensure that all Site Personnel deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".

Identified Hazards

a) Interaction with Hazardous Substance / Material
b) Incorrect Removal Method

Identifiable Risk **HIGH**
We have identified the initial risk of the work as HIGH, due to the nature and involvement process. However, the risks will be reduced provided that this Health & Safety Method Statement and the proposed 'control measures' are implemented by all Site Personnel deployed to undertake this task, then the risk will be reduced to **MEDIUM**.

Procedure

- On commencement of the Project all Site Personnel inclusive of nominated Subcontractors will be asked to attend a Site Specific Induction Briefing. This Briefing will be carried out by the Site Foreman.

- The Briefing will highlight all Site Rules and Restrictions, Clients Rules and Restrictions, the Shopping Centres Rules and Restrictions, Access and Egress Routes, Emergency Procedures etc.

- To confirm their understanding and acceptance of the Briefing they will all be asked to sign the attached Method Statement Acknowledgement Form.

- The Site Foreman will stress to all Site Personnel in attendance at the Briefing that if any unusual or unidentifiable substance or material is located throughout the refurbishment works the following will be adopted:-

  - The works will cease with immediate effect.
  - The area will be cordoned and sealed off with signage stating "DO NOT ENTER - DANGER", this will stay in force until the sample has been identified.
  - The Site Foreman or his nominated "competent stand in" will be notified immediately.
  - The Company Health and Safety Advisor will be notified immediately either by telephone or fax.
  - The Client will be notified immediately either by telephone or fax.
  - A "sample" will be taken from site for analysis purposes.
  - On confirmation of the results from the analysis this will be dependant upon the action to be taken.

If the results confirm to be ASBESTOS, dependant on the type will result in the following:-

White Asbestos "Chrysotile"	Can be removed in conjunction with Specific detailed Health and Safety Method Statement and the relevant Personal Protective Equipment.
Brown Asbestos "Amosite"	Can only be removed by a Licensed Asbestos Removal Contractor.
Blue Asbestos "Crocidolite"	14 days notice to be given to The H.S.E.

- Confirmation of the results will be relayed to the Principal Designer and the Client.
- Dependant on the results will ascertain which procedure to adopt. Should the substance / material be confirmed the best and safest approach will be adopted. All removal works will be closely monitored by the Company Health and Safety Advisor.
- Samples of the structures have been taken and the laboratory analysis report is attached to this Method Statement.

Canopy Removal

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a. Working at Height
b. Manual Handling of Canopy Sections
c. Interaction with Public/Service Centre Staff and other Contractors
d. Working within a hazardous zone
e. Use of Tools/Equipment in a hazardous area

IDENTIFIABLE RISK HIGH

We have identified the initial risk for these work operations as a HIGH risk work activity, due to the nature and location of the work.
This Method Statement will address these potential hazards and we will incorporate the 'control measure' within the Method Statement, so as to minimise the potential risk. We are of the opinion that because of the nature and location of the work that the risk will remain a HIGH risk operation, although we will take all reasonable steps in an effort to reduce the risk as low as possible.

PROCEDURE

- Our employees are experienced and competent to carry out these work operations in a safe and controlled manner, having undertaken similar work operations in the past.

- Personal Protective Equipment will be worn by all site staff involved in these work operations and by those working in the vicinity of the work operations. This will include the following:-
  - Hard Hats
  - Safety Footwear
  - Gloves
  - Eye Protection (whilst chiselling/using drills etc)
  - High Visibility Vests (whilst in the vicinity of mobile plant)

- We will use the following plant/tools/equipment during the course of the canopy removal:

  - Mobile Tower Scaffolds x 2
  - Heras Fencing
  - Stihl Saw (equipped with diamond tipped blade and continuous water supply)
  - Mobile Plant (Excavator/Crane)

- Lifting Equipment (Webbing Bands/Chains/'D' Links/Bow Shackles etc)
- Battery/Electrically operated Power Tools
- Small/Large Hand Held Tools

(This list is not exhaustive and will be supplemented with additional tools/plant/equipment to progress the work).

- We will cordon off the immediate work area by placing heras fencing suitably interlocked and placed on manufacturers blocks and double clipped and bolted to form a secure work area. General 'Work in Progress' notices will be posted in prominent positions upon the heras fencing.

- Operators of mobile plant and specialist equipment will be trained and competent and will prove competence by producing the appropriate training certificate/license such as C.I.T.B./C.T.A. or similar.

- All lifting equipment will be accompanied by the appropriate test/inspection certificates and will be marked/stamped with the S.W.L. (Safe Working Load).

- All portable electrical equipment will be P.A.T. tested and tagged with date of last test and date of next test.

- Electrical equipment/tools will be operated from a 110-volt power supply (transformer) which will also be equipped with an R.C.D. at the mains supply point.

- As the canopy removal requires our operatives to work at height this will be achieved by erecting and working from off a mobile tower scaffold, which will be erected by a competent person as follows:-

  - Set on a firm foundation
  - Outriggers in position with all castors locked in the on position
  - Each section will be suitably interlocked with adjoining section (spigot facing inwards)

- Diagonal and horizontal bracing will be placed as per the manufacturers assembly instructions.

- The scaffold will be equipped with an integral ladder built within the scaffold.

- The working platform of the tower scaffold will be provided within two platform sections (one with trap door above ladder area), double guardrails, toe boards etc.

Under NO circumstances will site staff access the working platform by climbing the outside frame of the tower scaffold (access is via the internal ladder access).
The tower scaffold will not be moved whilst material/persons are in position on the scaffold (the scaffold must be free of material/persons).

Canopy Removal

- Prior to commencing the removal process our Site Foreman will request that all power supplies to the lighting on the underside of the canopy and canopy soffit lighting has been isolated and disconnected (this must be in writing).

- All electrical cables, fluorescent tubes and light fittings will then be removed so that only the canopy is left to be dismantled.

- We will commence the dismantling operations by removing the exterior soffit/fascia boards from around the perimeter of the canopy. Each fascia board will be removed individually and will be lowered to ground level by using the excavator/crane. Webbing bands will be placed around each section and connected to the mobile plant for lowering to ground level.

- The underside of the canopy will then be dismantled removing the cladding sheets individually. These sheets are constructed of lightweight material and will be hand balled to ground level one at a time, so as not to place any lateral load upon the tower scaffold.

- As the cladding from the underside of the canopy is removed, this will reveal the constructed steel gridwork which forms the canopy, and will make access to the top section of the canopy and the structural steel easier to access the fixing mechanism.

- Once all of the underside cladding has been removed we will manoeuvre the tower scaffolds to the external area of the canopy so that our operatives can access the external fittings which hold the top cladding in place.

- **Under no circumstances will anyone use the canopy as a working platform as it is unstable and edge protection is not available.**

- As the perimeter fence top sheets are removed and lowered to ground level individually, this will open up an access area within the centre of the canopy. We will manoeuvre the scaffolds within this area so that a safe access is always available.

- When all the cladding is removed and at ground level it will be stockpiled and securely tied on pallets for removal from site. If this is not practical, then they will be placed directly into lorries for removal from site.

- The remaining steel gridwork frame will be unbolted in individual sections and lowered to ground level via the crane/excavator.

- A webbing band will then be placed around the leg of the canopy and attached to the crane/excavator so that the leg is supported by the plant during the leg removal.

- The bottom area of the leg (i.e. forecourt surface) will be cut with the stihl saw and a hand excavation will continue to expose the holding down bolts of the leg supports. While the excavator/crane supports the leg we will either remove the nuts from the bolts or we will cut off the retaining bolt heads. When all holding down bolts are removed we will gradually lower the leg to ground level. This sequence will continue until all the legs have been lowered in sequence.

- Once all of the canopy has been dismantled we will remove all of the associated cladding steel frame and leg supports from site via lorry.

- All the heras fencing will be removed once the site is cleared of the canopy. The area will also be cleared of all waste and debris by placing within the site skip for removal from site.

- The work will be continuously monitored by our Contracts Manager.

BREAKING OUT CONCRETE

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a. Production of dust
b. Flying debris
c. Use of compressed air power tools

IDENTIFIABLE RISK MEDIUM / LOW

We have identified the initial risk for these work operations as Medium/High Risk. However provided that our Foreman implements these 'control measures' within this Method Statement then the risk will be significantly reduced to a Medium/Low risk activity.
To confirm that all attendees to the Site Safety Briefing have understood the contents of the Method Statement they will countersign the attached Method Statement Acknowledgement Form. This form will be retained on site whilst the project runs.

PROCEDURE

- All our operatives are trained and competent to carry out the work operations in a safe and controlled manner, having carried out similar work operations in the past.

- Personal Protective Equipment will be worn during the work operations. This will include:-

  - Hard Hats
  - Safety Footwear
  - Ear Protection
  - Eye Protection
  - Gloves etc
  - High Visibility Vests

- Services to the area will have been previously identified to ensure that no buried services are within the area to be excavated. A Cable Avoidance Test will also be carried out prior to commencement of cutting the concrete.

- The following plant will be available on site during the work operations:

- Excavator with Pecker
- Portable hand-held tools
- Pneumatic breaker
- Compressor
- Mini hydraulic dumper
- Builders skip/lorries

- The work area of the machine will be cordoned off using heras type fencing covered with plyboard or similar to prevent particles of concrete being projected across the site.
- General 'Work in Progress' notices will be placed in prominent positions upon the heras fencing.
- Prior to commencement of the work the area will be dampened to prevent the production of dust within the work area, and the remaining site.
- Our mobile plant will be operated by trained, competent staff who are in possession of RTITB Plant Operator licences.
- Where the operation of the mobile plant is restricted we will use a pneumatic breaker and compressor to reach these areas. The compressor will be sited outside our work area with associated hoses leading into the site.
- Respiratory protection and ear defenders will be worn by all employees in the work area.
- When the area has been broken up, the waste/debris will be loaded into lorries/skips and removed from site.
- Our nominated Site Foreman will ensure that this Method Statement is implemented and that all the Site Operatives are aware of its comments.
- All access routes will be maintained operational during this work. However, should the work area ever encroach into access route, the client will be informed and an alternative route will be identified.

CONSTRUCTION OF BRICK / BLOCKWORK

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance notes. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a. Manual Handling of Bricks
b. Use of Substances Hazardous to Health (COSHH)
c. Premature Collapse of Brickwork
d. Misuse of Equipment and Tools

IDENTIFIABLE RISK MEDIUM - LOW

We have identified the initial risk as a Medium Risk Work Operation, however provided that this Health & Safety Method Statement & its proposed Control Measures are implemented then the Risk will be significantly reduced to a Low.

To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

PROCEDURE

- All of our Staff are competent and experienced to carry out the work in safe and controlled manner, having undertaken this type of work on several occasions in the past.
- Personal Protective Equipment will be worn by all Site Staff and will include:-
  - Safety Helmets
  - Safety Footwear
  - Gloves whilst handling bricks/block work and cement mixture etc
  - High Visibility Vests
- Our work area will be effectively cordoned off to prevent unauthorised access onto our working site.
- General "Work in Progress" notices will be erected upon the perimeter fencing in prominent positions.

- To avoid unnecessary manual handling of the bricks/block work our pallets will be off loaded as near to the work areas as is possible. The delivery vehicle will transport the load to the desired area and the operator will then off load the brickwork using the lorry mounted hoist.
- The pallets will be stacked to a maximum of two pallets high to avoid overstretching and reduce manual handling.
- The securing bands on the pallet will be cut and our Operatives will load several bricks/block work into a wheelbarrow and manoeuvre these into position around the work area. During the procedure our Employees will wear Eye Protection to prevent brick dust from entering the eyes.
- Once the bricks/block work have been placed around the working area in small stacks our bricklayers will commence the construction of the structure using a ready mixed compound.
- The ready mix will be delivered to site in plastic containers, which will then be loaded into a wheelbarrow and our labourer will manoeuvre this around the site to each bricklayer.
- Ready mixed compound will then be laid onto the previously installed foundation slab using a trowel. Each brick/block will then be individually laid upon the compound after being applied with the compound mix at the end.
- After laying the first layer of bricks/blocks the second layer will be individually laid upon the first having the ready mixed compound applied to the base and end.
- A builders line will be attached to each corner of the structure to ensure that the brick/block work is kept in line. The remaining brickwork will be laid in the same uniformed order.
- When the work is suspended due to adverse weather we will cover the top sections of the brickwork with hessian sacking or similar.
- On completion of the works we will remove all waste and return the site to match the existing surfaces. All perimeter fencing will be removed and the site handed back to the Client.

INSTALLATION OF NEW INTERCEPTOR & DRAINAGE WORKS

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: 30 January 2019

INTRODUCTION

The following Health and Safety Method Statement identifies the control measures relative to the interceptor/drainage works. In addition to the Method Statement supplementary 'control measures' will be utilised to assist our employees to follow a safe system of work.

This document will be reviewed at the Site Safety Briefing given by the Site Foreman, and all operatives will be asked to countersign the Induction Training Form. This will act as a confirmation record of the briefing.

IDENTIFIED HAZARDS

a. Interaction with the general public
b. Working in hazardous zones
c. Use of power tools
d. Collapse of Excavations

IDENTIFIABLE RISK MEDIUM

We have identified the initial risk as a High Risk Work Operation, however provided that this Health & Safety Method Statement and its proposed Control Measures are implemented by our Site Foreman then the Risk will be significantly reduced to a Medium Risk activity.

PROCEDURE

Site Authorisation

- Authorisation for project commencement will be confirmed with the Clients/Clients Representative and any recommendations applied to our proposed safe system of work. Authorisation for the major installation work will be issued with a copy of the safety information and job specification, to ensure that the procedures are in line with the Approved Code of Practice.

- Our Site Foreman will initiate the Clearance Certificate Procedure and ensure that the Company's work operations and relevant method statements have been approved and a countersignature obtained.

- Prior to commencing work on site, all employees will attend a Site Specific Induction/Briefing which will use this procedure as the training aid. This will ensure that they have been recorded as being on site and have discussed the relevant safety aspects of the work.

Site Access/Egress

- The work operations will have a twofold impact on the filling station operations. Safe access/egress will need to be maintained for the general public and for all the working personnel. To ensure that access routes are clearly identified, suitable warning and information notices will be posted at the station entrance and exit.

Working Boundaries

External

- To maintain both safety and security we will contain our working area using heras fencing. This will be erected around the new interceptor site and through the crossover during all drainage works.

- Warning notices will be posted on the fencing for both information and safety purposes. These will include:

  - Danger Construction Site
  - No Smoking sign
  - Site Reporting Procedure
  - Site Rules for P.P.E.
  - Emergency Contact Numbers

- All the drainage works will be carried out systematically to prevent excessive disruption. Heras fencing will be installed around all excavated areas, where this is not practical cover plates will be placed over the excavated areas.

Internal

The removal of the existing interceptor and the installation of the new interceptor and superceptor will require various degrees of excavation. All excavated areas will be suitably fenced off and / or protected by physical barriers. General warning signs will be posted around all excavations.

Protection of Sub-contractors

- The majority of the work will be carried out using our own employees. The installation works may involve a specialist contractor. We will ensure that the sub-contractor is made aware of the site rules/restrictions prior to allowing them to work on the site. They will also be asked to submit details of their work operations, training requirements and their work procedures, including Method Statements.

- Sub-contractors will be monitored in line with the standards set for our own employees.

- All of our specialist sub-contractors will attend the site specific induction/briefing, prior to accessing the work area.

Protection of the General Public

- The service station will remain open and therefore the need to isolate our work operations form the forecourt will be paramount.

- We will initially ensure that sufficient information signs are erected on the approaches to the service station. These will state that the station is open but construction work is taking place and speed restrictions apply.

- All company plant, employees and sub-contractor vehicles will be parked and operated through separate exit/entrances whenever possible.

- To minimise the risk of interference with plant and equipment during non-working hours, a lock up container will be used to store any materials. All mobile plant will be left locked up and isolated to prevent unauthorised persons 'Joyriding'.

Training Capabilities

- The site operatives have recently attended a Safety Training Course related to Forecourt Safety. They have achieved an overall awareness of the associated control measures.

- Only our trained and competent drivers will operate mobile plant. They will be requested to provide proof of their training qualifications and a copy will be maintained on site.

Safety Communication / Monitoring

- The company will deploy a Site Foreman to oversee the daily activities on site and to act as the focal point for both commercial and safety issues. He will be assisted by the company Safety Co-ordinator and Advisor who will provide any safety documentation, training and tool box talks.

- Formal audits will be carried out on site 'set-up' and on a weekly basis.

- Ongoing checks will be made on the validity of all clearance certificates and the application of suitable Method Statements to accompany all medium to high risk works.

Site Specific Control Measures

Hazardous Zones

- The work operations will take place around several potential hazards. No direct interaction will occur with the pump islands themselves.

- The following procedure will be applied by the Site Foreman and employees:

  (i) An identification of the appropriate hazardous zone area will be made to enable the appropriate safety measures to be applied.

  Reference will be made to – Identification of Hazardous Zones and to the appropriate working procedures attached.

  (ii) A suitable detector will be utilised to ensure that the presence of any flammable substances can be identified and removed accordingly.

  Regular checks of the work area will be made and in particular any excavations where vapours can congregate and where contaminated land could be present.

Excavation Works

- Prior to commencing any excavation work, the Supervisor will address all the safety criteria identified in our work control procedure for Excavation Work. This ensures that service location checks are carried out and suitable protection measures are taken.

Measures Taken:

- ***Excavation Support***

Due to the potential depth of the excavations, additional support will be required for the trench sides. This will be provided by sheet piles, installed by a vibro hammer fitted to an excavator. The driven depth of the piles will be suitable to support any potential slippage of the excavation side walls. Additional support struts will be positioned to give additional excavation stability.

All excavations will be subjected to a daily inspection by the Site Foreman, to ensure general safety and also a documented report will be made on a weekly basis.

- ***Break out Precautions***

To minimise the risks from operating powered tools within potentially hazardous zones suitable diamond cutting and breaking tools will be used. These will be fitted with a continuous water feed. Particular emphasis will be made on the monitoring of the atmosphere and the continuous damping down of any cutters being used.

- ***Waste Disposal***

The waste disposal system will depend on the site assessment of underlying materials. All known contaminated products will be disposed of as special waste.

All waste will be segregated accordingly.

Use of Lifting Plant / Equipment

The removal of the existing interceptor and the installation of the new pre-fabricated structures will be carried out through the use of the excavator and approved lifting equipment.

Confirmation of the safe working capacity of the lifting plant confirmed by our Site Foreman and a cross check made against the maximum weights of the installed equipment. To enable all the lifting and lower operations to be carried out safely, the Site Supervisor will follow the company's work control procedure for lifting operations.

Suitably designed slings will be used which will maintain the stability of the superceptor unit during installation.

Site Rules / Restrictions

The site will be designated as a hard hat, safety footwear and high visibility vest work area.

No exceptions will be made to this rule. In addition to this, all persons operating powered grinders/cutters will be required to wear protective goggles. This rule is a company requirement and anyone non-complying will incur disciplinary measures. Agreement will be reached between the Site Foreman and the Clients representation as to any restrictions on the use of the shop etc., by the construction workforce.

Welfare Facilities

In accordance with the Construction Design and Management Regulations 2015, we will share the following facilities in agreement with the main contractor:

- Mess facility
- Drying facility
- Hot water
- Drinking water
- Storage facilities

Emergency Procedures / Facilities

To ensure that adequate emergency provisions are provided, the following facilities will be maintained on site:

- First Aid Box
- Accident Reporting/Incident Book
- Emergency contact notices for Fire, Hospital, HSE etc.
- Fire Extinguishers to cover any hot work and the movement of plant etc.
- Emergency contact names/numbers for out of hours use.

CONSTRUCTION OF MANHOLE CHAMBERS

PROJECT:	Knockdown and Re-development
LOCATION:	245, Barnsley Road, Wombwell
CLIENT:	Dove Retail Ltd
DATE:	January 30, 2019

Introduction

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above works.
This Statement defines the Procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Personnel inclusive of Sub-contractors. This will ensure that all Site Personnel deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "Control Measures".
To confirm all Site Personnel have read and fully understood the contents of this Health and Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form and Induction Acknowledgement Form; this will also act as the Site Safety Induction. This form will also act as a Roll Call in the event of an Emergency.

Identified Hazards

- Working in Excavations / Manholes
- Working with Contaminated Land

Identifiable Risk **MEDIUM**

We have considered the initial risk for this project as being ***HIGH*** risk due to the area of work adjacent to existing manhole services. However, we will significantly reduce this risk by applying this Method Statement and the associated control measures throughout this project. The risk will be reduced to a ***MEDIUM*** Risk category.

Procedure

- All persons employed on these work operations will be suitably trained and competent to work within excavations and confined spaces, having carried out similar work operations in the past, in a safe and controlled manner.

- Personnel Protective Clothing and Equipment will be worn and made available on site during the work operations and will include the following:
  - Hard Hats
  - Safety Footwear
  - Gloves / Gauntlets
  - Eye/Ear Protection
  - High Visibility Jacket or Vest
  - Respiratory Protection

- Our work areas will be effectively cordoned off to prevent unauthorised access onto our work site. This will be achieved by erecting 1.8 metre high heras fencing suitably supported on manufacturers blocks, double clipped and bolted to form a secure working area.

- General 'Work in Progress' and 'Danger Deep Excavation' notices will be placed in prominent positions upon the heras fencing.

- We will obtain services location plans from the utility service companies in order for our employees to identify the service routes. Where these plans are not available we will undertake a C.A.T. Scan of the proposed service routes and we will identify each service route by marking the existing surface with road line spray paint or similar.

- The following plant/equipment will be used during the course of this work:
  - 180^0 / 360^0 Excavators
  - Trench sheets and supports
  - Manhole boxes
  - Lifting equipment (webbing bands etc)
  - Compactors
  - Dumpers

- We will form the service trenches and large manhole opening, by utilising the 180^0 / 360^0 excavators, these will be operated by trained and qualified operators.

- The spoil from the excavations will be stockpiled away from the trench at the angle of repose to prevent the excavated earth from re-entering the excavation.

- All waste will be stockpiled on site and will be removed via lorry to a licensed tip. Waste transfer notes will be maintained on site for inclusion in the Health and Safety File.

- When sufficient ground is excavated the manhole supports will be placed within the trench to support the trench and manhole sides, prior to entry.

- The excavators will then be used to lift the pre-fabricated concrete drainage tubes and manhole sections into place. Webbing bands will be wrapped around the sections and hooked onto the excavator, prior to positioning.

- Under NO circumstances will the Safe Working Load of the excavator or webbing bands be jeopardised.

- Prior to entering the excavation the atmosphere within the excavation and also the proposed manhole chambers will be tested. Only if the atmosphere is safe will our operatives enter the excavations or manhole chambers.

- When placing the sections within the excavation two men will be positioned within the excavation to control the movement of the sections and to act as a banksman to guide each drain section into place.

- After placing each drainage section into place the immediate area will be backfilled and the trench support system will be advanced. This will continue until all drainage sections are completely installed up to the manhole chambers

- The manhole chambers will be constructed from pre-cast concrete sections. Each of these sections will be lifted and placed in position with a bitumen or resin mastic sealant bedded between each section. This will be achieved by utilising the excavator to lift these sections, using the following procedure:-
  a) Purpose designed eye bolts will be placed within the side holes of the manhole sections.
  b) The arm of the excavator will be lowered into a central location of the manhole sections.
  c) The lifting hooks of the lifting chains will be placed within the eye bolts.
  d) The main link of the four leg chain will be placed within the lifting hook of the excavator.
  e) The banksman will then signal to the excavator driver to lift the manhole section.
  f) Each section will then be lowered into the excavation area and placed upon a resin bitumen mastic sealant one on top of the other.
  g) When sufficient sections are in place the purpose designed manhole chamber will be positioned around the sections and clamped together.
  h) Concrete will then be poured within the space between the clamp and manhole sections. The clamp will remain in place until the concrete has had sufficient time to cure. At this time the clamp will be loosened and the excavator will lift the clamp out of the area.
  i) The area surrounding the manhole will then be backfilled.

  - The cutting of these sections will be classed as 'Hot Work Operations' and where practicable this will be undertaken within the manhole chamber

  - Fire fighting equipment will be available at the surface of the manhole chamber for use in an emergency.

  - The works will continue until all drainage sections have been installed and the manhole chambers completed.

  - On completion of the work we will remove all of our site materials, waste, safety notices and fencing and hand the area back over to the Client.

LAYING TARMACADAM AND PATH EDGINGS

PROJECT: Knockdown and Re-development
LOCATION: 245, Barnsley Road, Wombwell
CLIENT: Dove Retail Ltd
DATE: January 30, 2019

Introduction

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above works.
This Statement defines the Procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Personnel inclusive of Sub-contractors. This will ensure that all Site Personnel deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "Control Measures".
To confirm all Site Personnel have read and fully understood the contents of this Health and Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form and Induction Acknowledgement Form; this will also act as the Site Safety Induction. This form will also act as a Roll Call in the event of an Emergency.

Identified Hazards

- Contact with Tarmac (COSHH Hazard)
- Interaction with Occupants/Visitors/General Public
- Mis-use of Machinery/Equipment
-

Identifiable Risk **MEDIUM - LOW**

We have identified the initial risk for these work operations as being a ***MEDIUM*** risk activity. However, provided our site personnel are made aware of the "control measures" contained within this Method Statement and are issued with a copy then the risk will be significantly reduced to a ***LOW*** risk activity.

Procedure

- We will use trained and experienced staff who will carry out the work operations in a safe and controlled manner having carried out similar work operations in the past.
- Our Operatives are trained to operate the Plant associated with these work activities and are in possession of CITB / CTA Operator Licenses for the Plant.
- Personnel Protective Equipment will be worn during these work activities and will include Hard Hats, Safety Footwear, Gloves, Eye / Ear Protection.
- The following Tools / Plant / Equipment will be used during the work activities:-

- Ride on Vibrating Roller
- Wacker Plate
- Pre-cast Concrete Plinths
- Wheelbarrows
- Large/Small Hand Held Tools
- Hand Operated Roller
- Perimeter Fencing
- Delivery Lorries
- Rakes

- We will cordon off our immediate work area using a variety of protective barriers dependant on the working location. These will range from steel spikes or High level bollard's entwined around the top with Red / White bunting tape to Heras Fencing supported on Manufacturers blocks and interlocked to its neighbour by being double clipped and bolted.
- General "Work in Progress" notices will be posted in prominent positions upon our boundary fencing.
- The surface to be paved with Tarmac will have be scraped free of all existing paving materials and top soil, which will be removed from site via lorry or waste skip.
- Precast concrete plinths placed on cement mixture will be established around the outline of the proposed paving area, this shoring will be lined and levelled ready for the infill material.
- Type one lime stone (hardcore) will be placed within the base of the proposed area to the specified depth.
- The Wacker Plate will then be operated over the prepared surface, this will be used until the hardcore surface is evenly compacted and levelled.
- The Tarmac will be delivered to site via lorry and will be tipped directly into the prepared area; if this is not possible it will be tipped as close to the area and covered over. The Tarmac would then be wheel barrowed into the prepared area.
- As the Tarmac is tipped into the area, long handled rakes will be used to spread the Tarmacadam over the prepared area.
- When all of the Tarmacadam as been placed within the prepared area, we will use either a vibrating Ride on Roller or Hand Operated Roller to flatten and roll the Tarmac into place. Water will be poured onto the Tarmac surface to aid in the dispersion of the Tarmac.
- The Tarmac will continue to be applied and rolled until at the appropriate level, i.e: in line with the perimeter concrete plinth. On completion of the paving we will remove all Plant, Equipment, Perimeter Fencing and Safety Notices and the area will be swept and handed back to the Client.

TANK REMOVAL AND EXCAVATION WORK ON FORECOURTS

PROJECT:	Knockdown and Re-development
LOCATION:	245, Barnsley Road, Wombwell
CLIENT:	Dove Retail Ltd
DATE:	January 30, 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures".
The statement is accompanied by additional work activity guidance notes. This will ensure that all safety criteria have been addressed.

IDENTIFIED HAZARDS

a. Working within hazardous zones
b. Fire/Explosion risk
c. Presence of contaminated land

IDENTIFIABLE RISK MEDIUM

We have identified the initial risk as a High Risk Work Operation, however provided that our Site Foreman implements the 'control measures' within this Health & Safety Method Statement then the Risk will be significantly reduced to a Medium Risk activity.

To confirm all Site Personnel's understanding of the briefing and content of this Health & Safety Method Statement, they will all countersign the attached Method Statement Acknowledgement Form.

PROCEDURE

- All of our staff deployed to this project are suitably trained to carry out the work safely. A recent programme of training has included a Forecourt Appreciation Course which was based on the Institute of Petroleum Guidelines for filling station contractors.

- All of our staff and sub-contractors working on our behalf will receive a site briefing from the Site Foreman, which will use this procedure and the Risk Assessment check list as the training documents. Particular emphasis will be placed on the prevention of cigarettes, matches, mobile phones and any other ignition risks, being brought into the work area.

- In line with the hazardous zone classification of the work area, the islands will be subjected to the four hour isolation rule (for use) and will be suitably electrically isolated at the main console area.

- The work area/site will be suitably fenced off to prevent public and vehicle access. To this end we will use heras fencing or high level bollards.

- General 'Work in Progress' notices will be posted in prominent positions adjacent to the site fencing.

- Fire fighting equipment will be located close to the work area to cover any fire emergency.
- Prior to work commencing the area will be surveyed for the following hazards:
  - (i) Presence of vapours using an Explosimeter
  - (ii) Presence of cables/pipes using a CAT/Generator
  - (iii) Compliance with all the necessary Risk Assessments
  - (iv) Completion of 'Hot Work Permit' (copy enclosed).
- All the work area will be cleared of spillage and dampened down to control any airborne dust.
- Powered cutting tools will be used (diesel operated) to make the initial forecourt cuts. This will have a constant water feed to reduce the heat generated at the tip and to minimise the production of dust.
- The breakage of the forecourt surface and materials will be carried out using a pneumatic breaker and compressed air generator situated outside the hazardous zone area and suitably protected from physical damage.
- All tanks to be excavated will be isolated from fuel and vent lines, and degassed appropriately prior to removal. All tanks where necessary will be cold cut prior to excavation.
- The compressed air baggings will be earthed to prevent the build up of static.
- All compressed air breaker tools and hand tools will be anti-sparking type to reduce the risk of igniting any vapours.
- The excavation material could be contaminated by spillage so all site staff will be required to wear solvent resistant gloves.
- Waste materials which are identified as being contaminated with fuels will be located and disposed of separately.
- Throughout the work operations a regular check will be made for the presence of fuel vapours.
- Protective cover plates will be placed over all excavated areas that are to remain open.
- On completion of the work all barriers, fencing and safety notices will be removed and the site handed over to the Client / Service Station Manager.

TANK INSTALLATION

PROJECT:	Knockdown and Re-development
LOCATION:	245, Barnsley Road, Wombwell
CLIENT:	Dove Retail Ltd
DATE:	January 30, 2019

INTRODUCTION

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the above work operations.
This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate "control measures". A Strict Permit to Enter System will be in force.

IDENTIFIED HAZARDS

a. Interaction with Staff/Visitors
b. Premature Collapse of Excavation
c. Premature Collapse of Supports
d. Working in Vicinity of Public

IDENTIFIABLE RISK MEDIUM

We have identified the initial risk for these works as HIGH. However, the risk will be significantly reduced to a MEDIUM risk operation provided our Site Foreman implements the control measures within this Method Statement.
All parties involved in this project will sign the Method Statement Acknowledgement Form attached to the back of this Method Statement.

PROCEDURE

- All our employees are competent and familiar with the work operations, and will carry out these work operations in a safe and controlled manner.

- Prior to any work commencing the Site Foreman will conduct a site specific briefing with our site staff. This briefing will highlight the risks involved; permit to work procedure and emergency procedures. To confirm all site personnel's understanding of the content of the briefing they will be asked to sign the attached Method Statement acknowledgement form.

- Personal protective equipment will be worn throughout these work operations and will include:

  - Hard Hats with chin strap
  - Safety Footwear (no external toe caps)
  - Gloves
  - Eye Protection/Ear Protection
  - High Visibility Vests

- We will utilise the following plant/tools/equipment to carry out these work operations:

  - 180º/360º Excavator
  - Lorries
  - Heras Fencing
  - Access Ladder
  - Crane
  - Lifting Equipment
  - Holding Downstairs
  - Concrete Pump
  - Stihl Saw
  - Pneumatic Breaker
  - Compressor

- Prior to any work commencing a clearance certificate must be raised and presented to the manager of the service station. The clearance certificate will identify the tasks to be carried out, risk category of the associated works and proposed control measures. The manager of the service station will then be invited to sign the clearance certificate.

- The service station will be closed to the general public during these work operations and the site will have heras fencing erected along the approach road area and the following signage will be posted at both points of entry to prevent any interaction with any private vehicles:

- 'Closed'
- 'Do Not Enter'
- 'Danger Work in Progress'

- The initial forecourt cut will be undertaken using a stihl saw equipped with a diamond tipped blade and continuous water feed to suppress the post and cool the blade.

- We will then break up the remaining surface using the pneumatic breaker and compressor after the area has been previously dampened down.

- Our operatives and other site staff will be issued with the appropriate P.P.E. during these working operations and will include:

  - Eye Protection
  - Ear Protection
  - Respiratory Protection

- All the loose surfaces material will be scraped and removed from site by being loaded directly into Lorries or by being placed into waste skips.

- We will then operate the excavators to remove the remaining spoil from the proposed site of the tank. All removed spoil will be stockpiled for future use as infill around the installed tank. When sufficient earth has been removed from the excavation we will lift the tank from off the delivery lorry via a crane and lower the tank within the prepared excavation.

- Prior to installing the tank the bottom of the excavation will be concreted to form a secure base. Holding down straps will be fixed within the concrete which will also be overlayed with peagravel or similar.

- At no time during these work activities will vehicles in the vicinity be allowed to emit any exhaust fumes which may enter the tank excavation area.
- Once the tank is placed into position the holding down straps will be positioned around the tanks and secured in place, and all associated pipe work connections will be made and the tank connections will be tested to ensure that they do not leak.
- The remaining area around the tank will be infilled with the stockpiled spoil which will be compacted using a wacker plate. The remaining surface area will then be constructed to match the remaining surface i.e. tarmacadan/block paving.
- Our Site Foreman will then accompany the Service Station Manager to the completed task. If satisfied with the work the Service Station Manager will be requested to sign the clearance certificate for work completed.

LIFTING OPERATIONS PLAN

Introduction

A lifting plan is an amalgam of lots of information that is required to ensure that all lifting operations are carried out correctly. This will include information about the site and the working environment, about the equipment to be used, the people using it, the load itself and how it is to be lifted. This Plan is designed to ensure compliance with the Lifting Operations and Lifting Equipment Regulations 1998 and BS7121.
All Lifting Equipment will be covered by this plan including Forklift Trucks, Telehandlers and Mobile Elevated Working Platforms (Cherry Pickers).

Site:
Site Manager:
Site Address:
Access to Site:

Site Hazards Applicable Control / comments

Site Hazards	Applicable	Control Comments
Overhead Services	Yes/No	
Overhead Obstructions	Yes/No	
Adjacent Activities	Yes/No	
Underground Services	Yes/No	
Public Interface	Yes/No	
Route of Travel	Yes/No	

Appointed Persons

Appointment	Name	Competence Checked
Crane Co-ordinator		Yes/No
Crane operator		Yes/No
Banksman		Yes/No
Slinger		Yes/No
MEWP Operator		Yes/No
Forklift/Telehandler Op		Yes/No

Contractor using Appliance:

Owned or Hired:

Name of Hire Company:
Address:

Contact Person:

Details of Test Certificate:

Who carries out Weekly Inspections

Who Carries out Daily Checks

Description of Load	**Weight of Load**	**Height of Lift**	**Radius of lift**

SECTION 11

SITE ACCESS LAYOUT DRAWINGS

See site management plan.

Section 12.0

SERVICE AMENDMENT DRAWINGS

Section 13.0

HEALTH & SAFETY CORRESPONDENCE

Section 14.0

PLANT / LIFTING CERTIFICATES
TRAINING CERTIFICATES

Section 15.0

COSHH DATA DETAILS

"Standard" COSHH & Environment Assessment Index

	Subject
01.	Natural Aggregates
02.	Building Sand
03.	Cement
04.	Building Plasters
05.	Dust arising from work with Masonry Materials
06.	Limestone
07.	Hydrated Lime
08.	Hard Wood Dust
09.	Soft Wood and Fibreboard (Dust)
010.	Wood Preservatives
011.	Wood Stain
012.	Creosote
013.	Paint / Primer (Resin Based)
014.	Paint / Primer (Solvent Based)
015.	Leaded Primer , Paint
016.	Paint (Acrylic)
017.	Paint Vinyl
018.	Paint (Fungicidal)
019.	Paint (Aerosol)
020.	Bitumen Based Products
021.	White Spirit
022.	Paraffin, Kerosene
023.	Petrol

024.	Diesel
025.	Hydraulic Fluid
026.	Grease
027.	Mould Oil
028.	Spray Lubricant
029.	Adhesive (Epoxy)
030.	Adhesive (Solvent)
031.	Adhesive (Water)
032.	Adhesive (Resin)
033.	Sealant (Silicone)
034.	Sealant (Epoxy)
035.	Insulation
036.	Insulation (MMMF)
037.	Cleaner (Masonry)
038.	Paint Remover
039.	Expanding Foam
040.	Sanitary Fluid

01 - Natural Aggregates

Health Risk				
If inhaled in excessive quantities over extended periods, respirable dust containing quartz can constitute a long-term health hazard. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• P.P.E. to be checked before use.	✓ Goggles/Visor ✓ Gloves ✓ Coveralls ✓ Respirator ✓ Other:
Storage	**First Aid**
	• Eyes: Irrigate for 15 minutes
Fire Precautions / Fire Action	**Spillage Control / Disposal**
	• In accordance to local legal requirements.

02 – Building Sand

Health Risk				
Hazardous Content: Silica Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 0.3mg/m3 inhalable 8H TWA 0.1mg/m3 respirable 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**		
• Avoid inhalation of dust • Ensure adequate ventilation • Used wet skin contact may cause irritation • Maintenance of Controls: Replace mask regularly	✓	Goggles/Visor	To BS2092 1D in windy conditions.
		Gloves	
		Coveralls	
	✓	Respirator	Dust Mask
		Other:	

Storage	**First Aid**
	• Eyes: Irrigate with water for 15 minutes

Fire Precautions / Fire Action	**Spillage Control / Disposal**

03 – Cement
All applications dry and wet including mortar, concrete, render and screed

Health Risk				
Irritant Hazardous Content: Calcium Silicate, Calcium Aluminate chromates Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10mg/m3 total inhalable dust 8H TWA 5mg/m3 total respirable dust 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Avoid contact with skin & eyes. Cement releases alkalies on contact with water. Skin contact with wet cement including mortar concrete etc, can cause severe burns/skin ulceration. Chromates contained in cement can cause ulceration in nasal passages. • Ensure adequate ventilation. • Monitoring of Exposures: Adequate Supervision	✓	Goggles/Visor	BS2092/1
	✓	Gloves	Rubber
		Coveralls	
	✓	Respirator	Dust/Mist Mask
	✓	Other:	Wellington Boots

Storage	**First Aid**
• Dry sheltered area.	• Eyes: Irrigate with water for 15 minutes. • Skin: Remove clothing and wash affected area with plenty of water. Seek medical attention.

Fire Precautions / Fire Action	**Spillage Control / Disposal**
	• Collect and remove for re-use. Suitable dust mask should be worn to protect against airborne dust.

04 – Building Plasters

Health Risk				
Plaster Powder produces alkaline solution in contact with water or body fluids – tears, sweat. Irritation and chemical burns can result. Hazardous Content: Alkaline PH9-13, Quartz, Vermiculite, Sulphate. Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10mg/m3 total inhalable dust 8H TWA 5mg/m3 total respirable dust 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• When handling care should be taken to control emissions of dust. When sanding set plaster similar care should be taken. • Adequate ventilation to be supplied. • Check PPE in good order.	Goggles/Visor ✓ Gloves Impervious ✓ Coveralls ✓ Respirator Dust/Mist Mask Other:
Storage	**First Aid**
• Dry sheltered area.	• Irrigate with water for 15 minutes • Skin: Remove contaminated clothing. Wash affected area with soap and water. • Inhalation: If irritation occurs remove to fresh air. • Ingestion: Do not induce vomiting. Give fluids. Ensure all cuts are covered.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
	• Collect by vacuum or brush and shovel. Care should be taken when dealing with dry spillage not to raise dust. Use of mask may be required.

05– Dust arising from work with Masonry Materials

Health Risk				
Dusts in substantial quantities are irritating to the respiratory system. May cause dermatitis. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10mg/m3 total inhalable dust 8H TWA 5mg/m3 total respirable dust 8H TWA				
Route of Exposure				
Skin:	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**		
• Where possible suppress dust by wetting (wet dust should be removed before it dries). Do not allow accumulation of dust on work surfaces. Do not allow dust to spread to other work areas. • Ventilation where tools can be fitted with collection bags, these should be used. • Check equipment functions correctly.	✓	Goggles/Visor	BS2092/1
		Gloves	
		Coveralls	
	✓	Respirator	Airflow helmet or dust/mist mask.
	✓	Other:	Hard hats and ear muffs according to situation.

Storage	**First Aid**
	• Inhalation: If irritation develops seek medical advice. • Skin Contact: If irritation or rashes develop seek medical help.

Fire Precautions / Fire Action	**Spillage Control / Disposal**

06 – Limestone

Health Risk				
Hazardous Content: Calcium Carbonate. Some Silica may also be contained. Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10mg/m3 total inhalable dust 8H TWA 5mg/m3 total respirable dust 8H TWA				
Route of Exposure				
Skin:	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**		
• Use in well ventilated areas. Avoid contact with eyes. • Adequate supervision.	✓	Goggles/Visor	BS2092/1
		Gloves	
		Coveralls	
	✓	Respirator	Dust/Mist Mask BS2091 Type B
		Other:	

Storage	**First Aid**
	• Eyes: Irrigate with water for at least 15 minutes.

Fire Precautions / Fire Action	**Spillage Control / Disposal**

07 – Hydrated Lime

Health Risk				
Irritant. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10mg/m3 total inhalable dust 8H TWA 5mg/m3 total respirable dust 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Avoid contact with skin and eyes. • Ensure adequate ventilation is provided. • Check PPE in good order.	✓	Goggles/Visor	BS2092/1
		Gloves	
		Coveralls	
	✓	Respirator	Dust/Mist Mask BS2091 Type B
	✓	Other:	Barrier Creams

Storage	**First Aid**
	• Skin: Wash with soap and water. • Eyes: Irrigate for 15 minutes.

Fire Precautions / Fire Action	**Spillage Control / Disposal**

08 – Hard Wood Dust

This assessment does not cover chemically treated timber.

Health Risk				
HARMFUL, MAY CAUSE CANCER Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5.0mg/m3 respirable MEL				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Cutting, sanding production of dust to be minimised as much as possible by frequent removal of build ups. These should be damped down or vacuumed. • Ensure adequate ventilation is provided. • Local exhaust ventilation should be provided in workshops. • Check PPE in good order. • Adequate Supervision	✓ Goggles/Visor BS2092/1 Gloves Coveralls ✓ Respirator BS2091 Dust ✓ Other: Barrier Cream
Storage	**First Aid**
	• Skin: Wash with soap and water. • Ingestion: Do not induce vomiting. Give fluids. • Ensure all cuts are covered.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Water CO2. • No Smoking • Hotwork in adjacent work areas to be avoided or tightly controlled.	

09 – Softwood & Fibreboard (dust)
This assessment does not cover timber, which has been chemically treated.

Health Risk				
Organic Dusts. Dust of any type in substantial amounts is irritating. Some secreted resins may cause dermatitis. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Sanding, drilling, handling of dust, handling of freshly cut wood. • Ensure provision of adequate ventilation. • Where tools can be fitted with collection bags, these should be used. • Check PPE in good order.	✓ Goggles/Visor BS2092/1 Gloves Coveralls ✓ Respirator Dust/Mist Mask ✓ Other: Barrier Creams
Storage	**First Aid**
	• Eyes: Irrigate with water for 15 minutes. • Inhalation: If irritation develops seek medical advice. • Skin: If irritation or rashes develop seek medical help. Ensure cuts are covered.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• No Smoking • Hotwork in work areas to be avoided or tightly controlled. • Water • CO2	

010 – Wood Preservatives

Health Risk									
Toxic in contact with skin. Harmful by inhalation and ingestion. Hazardous Content: Chromium Acetate, Sodium Dichromate, Copper Sulphate Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): CR (vl) 0.5mg/m3 8H TWA CU 2mg/m3 8H YWA									
Route of Exposure									
Skin:	✓	Eyes:	✓	Inhalation:	✓	Swallowing:	✓	Cuts:	✓

Control Measure	**Personal Protective Equipment**		
• Pre-fabricated timber components. Avoid contact with skin and eyes if still wet. Do not breathe in vapours. • Ensure provision of adequate ventilation if applying preservative. • Do not mix with any other products. • Check PPE in good order. • Adequate supervision if applied on site.	✓	Goggles/Visor	BS2092/1
	✓	Gloves	PVC
		Coveralls	
	✓	Respirator	BS2091
		Other:	

Storage	**First Aid**
• In cool ventilated area. • Ensure all containers are closed. • Store in minimal amounts.	• Eyes: Irrigate with water for 15 minutes. • Inhalation: Remove to fresh air. • Skin: Remove contaminated clothing and wash affected area with soap and water. Ensure all cuts are covered. • Ingestion: Do not induce vomiting. Seek immediate medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Foam • Water Spray	• Absorb in sand and earth. • Collect leaking liquid in a container. • Do not allow entry into drains/water courses. • Ventilate the area. • Dispose of in accordance with control of Pollution (Special Waste) Act.

011 – Wood Stain

Health Risk				
Harmful, Flammable. Hazardous Content: Resins, Solvents. Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm 8H TWA 150ppm STEL 10 min Solvent.				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush or Spray. • Avoid contact with skin and eyes. • Do not breathe in vapours or spray. • Do not mix with any other products. • Change out of contaminated clothing. • Ensure adequate ventilation. • Adequate Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves Coveralls ✓ Respirator BS2091 ✓ Other: Barrier Creams
Storage	**First Aid**
• Do not leave open tins. • Store in a cool ventilated area. • Keep storage to a minimum.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes and seek medical advice. • Inhalation: Remove to fresh air. • Ingestion: Give plenty of water. Seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Flammable • Powder, Foam CO2	• Wash away spillage with large amounts of water.

012 – Creosote

Health Risk				
Harmful by inhalation, contact and ingestion. Causes burns. Hazardous Content: Coal Tar Derivatives. Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): OEL 0.14mg/m3 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Do not breathe in vapour. • Ensure provision of adequate ventilation. • Do not mix with any other product. • Change out of contaminated clothing. • Adequate Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves ✓ Coveralls ✓ Respirator BS2091 ✓ Other: Barrier Creams
Storage	**First Aid**
• In cool ventilated care. • Ensure all tins/containers are closed. • Keep storage to a minimum.	• Skin: Wash with soap and water. Ensure cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Give plenty of water.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam. • Toxic Fumes produced during combustion.	• Absorb in sand or earth. • Sweep up residue. • Do not wash. • Do not allow spillage to enter drains or water courses. • Dispose in accordance to Local Authority.

013 – Paint / Primer (Resin Based)

Health Risk				
Harmful by inhalation and skin contact. Causes burns. Irritating to eyes, respiratory system and skin. May cause sensitisation of skin. Hazardous Content: Resin isocyanate monomers Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5ppm 8H TWA 10ppm STEL 10 min.				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush, Roller, Spray. • Avoid contact with skin and eyes. • Do not breathe in vapour. • Ensure provision of adequate ventilation, forced if necessary. • Strict Supervision	✓ Goggles/Visor BS2092 1C ✓ Gloves Impervious ✓ Coveralls ✓ Respirator Fresh Air Feed ✓ Other: Barrier Cream
Storage	**First Aid**
• Avoid prolonged storage. • Ensure all containers are firmly closed. • Ensure storage in cool ventilated area.	• Skin: Remove clothing, wash contaminated area with soap and water. • Eyes: Irrigate with water for 15 minutes. Seek medical attention. • Inhalation: Remove immediately from area and seek medical help. • Ingestion: Do not induce vomiting.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2 • Toxic Fumes produced during combustion.	• Ensure ventilation provided. • Absorb in sand or earth. • Collect leaking liquid into a container. • Do not allow entry to drains or watercourses. • Dispose of in accordance with Control of Pollution Act and Local Authority Regulations.

014 – Paint / Primer (Solvent Based)

Health Risk				
Irritating to eyes and respiratory system. May cause skin sensitisation. Hazardous Content: Solvents Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): Varies according to product and means of application				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Brush, Roller, Spray. • Avoid contact with skin and eyes. • Do not breathe in vapour. • Ensure provision of adequate ventilation, forced if necessary. • Do not mix with other products. • Strict Supervision.	✓	Goggles/Visor	BS2092 1C
	✓	Gloves	Impervious
	✓	Coveralls	
	✓	Respirator	BS2091 or fresh air feed
	✓	Other:	

Storage	**First Aid**
• Cool ventilated area. • Ensure all containers are closed. • Keep storage to a minimum.	• Skin: Remove contaminated clothing, wash area with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. Seek medical attention. • Inhalation: Remove to fresh air and seek medical help. • Ingestion: Do not induce vomiting, give water only. Seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam CO2	• Wash with large quantities of water. Detergent may be needed to wash some areas.

015 – Leaded Primer, Paint

Lead materials are not covered under COSHH Regs. Refer to Control of Lead at Work Regs 1980.

Health Risk

Flammable, Harmful

Hazardous Content: Inorganic Lead Compounds. Significant for continuous exposure or uncontrolled exposure. Lead is a poison and may cause damage to nervous system, stomach and brain. Solvent.

Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):

Inorganic lead in air 0.15mg/m3 8H TWA
Solvent 100ppm 8H TWA

Route of Exposure

Skin:	Eyes:	Inhalation:	Swallowing:	Cuts:
✓	✓	✓	✓	✓

Control Measure

- Brush indoor, Spray outdoor.
- Avoid contact with skin and eyes.
- Do not breathe in vapour.
- Strictly No Smoking, Eating or Drinking in work area.
- Ensure provision of adequate ventilation, forced if necessary.
- Do not mix with oxidising agents.

Personal Protective Equipment

✓	***Goggles/Visor***	BS2092 1C
✓	Gloves	Impervious
✓	Coveralls	Impervious and Disposable
✓	***Respirator***	BS2091 Full face respirator with air feed according to use
✓	Other:	Boots, Apron, Barrier Cream

Storage

- Cool in well-ventilated area.
- Ensure all containers are closed.

First Aid

- Skin: Remove clothing and wash with much soap and water.
- Eyes: Irrigate with water for 15 minutes. Seek medical attention.
- Inhalation: Remove to fresh air.
- Ingestion: Do not induce vomiting and refer to immediate medical help.

Fire Precautions / Fire Action

- Powder, Foam, CO2
- Breathing apparatus is likely to be required.
- Ensure all cuts are covered.

Spillage Control / Disposal

- Ventilated area.
- All PPE used in handling is required.
- Absorb in sand or earth.
- Collect any leaks into a container.
- Do not allow entry into drains.

016 – Paint (Acrylic)

Health Risk				
Irritating to skin. Contact may cause dermatitis. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush, Roller, Spray. • Avoid contact with skin and eyes. • Do not breathe in vapour. • Ensure adequate ventilation. • Adequate Supervision.	✓ Goggles/Visor BS2092 1/C ✓ Gloves Impervious ✓ Coveralls Respirator ✓ Other: Barrier Cream
Storage	**First Aid**
• Cool ventilated area. • Ensure all containers are closed.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. Seek medical attention. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Give water only and seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Water	• Collect leaking liquid into a container. • Wash with large amounts of water, detergent may be needed.

017 – Paint Vinyl

Health Risk				
Irritant, can cause contact dermatitis. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Brush, Roller, Spray. • Avoid contact with skin and eyes. • Do not breathe in spray. • Do not eat, drink or smoke in work area. • Do not mix with other products. • Adequate Supervision.	✓	Goggles/Visor	BS2092 1/C
	✓	Gloves	Rubber
	✓	Coveralls	
	✓	Respirator	BS2091 B Vapour/Dust
	✓	Other:	Barrier Cream

Storage	**First Aid**
• Cool ventilated area. • Ensure all containers are closed.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting, give only water and seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Water	• PPE as per handling to be used. • Collect leak into container. • Wash with much water, detergents may be needed.

018 – Paint (Fungicidal)

Health Risk				
Irritant to Eyes, Skin, Respiratory System Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush, Spray. • Avoid contact with eyes and skin. • Do not breathe in spray. • Do not mix with other products. • Change out of contaminated workwear. • Adequate Supervision.	✓ Goggles/Visor BS2092 1C ✓ Gloves Rubber ✓ Coveralls Impervious ✓ Respirator BS2091 ✓ Other:
Storage	**First Aid**
• Cool ventilated area. • Ensure all containers are closed. • Keep in minimal amounts for short periods only.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. Seek medical help. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting give water only and seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Non combustible.	• Absorb in sand or earth. • Collect and place in plastic container. • Use of PPE as per handling may be needed. • Do not allow entry to drains or watercourses. • Contact local waste disposal authority.

019 – Paint (Aerosol)

Health Risk				
Harmful by Inhalation and Ingestion. Irritant to skin and eyes. Hazardous Content: Xylene Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm 8H TWA 150ppm, 10 min STEL Xylene				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Spray. • Avoid contact with skin and eyes. • Do not breathe in spray. • Ensure provision of adequate ventilation. • Adequate Supervision	✓ Goggles/Visor BS2092 1C ✓ Gloves ✓ Coveralls ✓ Respirator BS2091 Other:
Storage	**First Aid**
• Cool ventilated area. • Out of direct sunlight.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Give water to drink. Seek immediate medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, Carbon Dioxide. • Toxic fumes are produced during combustion.	• Absorb in sand or earth and place in plastic container. • Do not allow entry to drains or watercourses. • PPE as per handling should be used.

020 – Bitumen based Products

i.e; Waterproofer, primer, adhesive, and sealant

Health Risk				
Flammable. Harmful by Inhalation. Possible risk of irreversible efforts. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm TWA 8H (Xylene) 5mg/m3 TWA 8H (Fume)				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Brush, Spray (Heating). • Avoid contact with skin and eyes. • Do not breathe in vapours/fumes. • Ensure provision of adequate ventilation, forced if necessary. • Do not mix with other products. • Adequate Supervision	✓	Goggles/Visor	BS2092 1
	✓	Gloves	PVC
	✓	Coveralls	
	✓	Respirator	
	✓	Other:	Boots

Storage	**First Aid**

Fire Precautions / Fire Action	**Spillage Control / Disposal**

021 – White Spirit

Health Risk				
Flammable, Toxic Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm TWA 8H 125ppm STEL 10 min				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush Cleaning. • Use only quantity necessary for task. • Avoid contact with skin and eyes. • Do not leave tins open. • Do not mix with oxidising agents. • Strictly No Smoking, Eating or Drinking in work area. • Ensure provision of adequate ventilation. • Adequate Supervision	✓ Goggles/Visor BS2092 1C ✓ Gloves PVC Coveralls Respirator ✓ Other: Barrier Cream
Storage	**First Aid**
• In fire resistant container away from sources of ignition. • Keep in cool, well-ventilated area.	• Inhalation: Remove to fresh air. • Skin: Wash with soap and water. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. Seek medical attention.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Sand and Earth • CO2 Foam, Powder	• Absorb in sand or earth. • Sweep away. • Dispose of in accordance with Local Authority Regulations.

022 – Paraffin, Kerosene

Health Risk				
Flammable Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**		
• Avoid contact with skin and eyes. • Strictly no eating, drinking or smoking in work area. • Ensure adequate ventilation • Adequate Supervision		Goggles/Visor	
	✓	Gloves	PVC
		Coveralls	
		Respirator	
	✓	Other:	Barrier Cream; Boots.

Storage	**First Aid**
• Cool ventilated area out of direct sunlight. • Ensure all tins are closed.	• Skin: Remove contaminated clothing, wash with soap and water. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting and seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, CO2, Foam • Do not use water.	• Absorb in sand or earth. • Collect any leaks in a container.

023 – Petrol

Health Risk				
Benzene Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 10ppm TWA 8H Benzene				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Do not breathe in vapour. • Strictly no smoking, eating or drinking in work area. • Keep away from sources of ignition.	Goggles/Visor ✓ Gloves PVC Coveralls Respirator ✓ Other: Barrier Cream

Storage	**First Aid**
• Cool ventilated area. • Free from sources of ignition. • Ensure all containers are closed. • Store in minimal quantities.	• Skin: Remove contaminated clothing and wash with soap and water. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Inhalation: Remove to fresh air. • Ingestion: Do not induce vomiting. Seek medical help.

Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2 • Do not use water	• Shut off at source. • Ventilate area. • Absorb in sand or earth. • Collect leaking liquid in a container. • Do not all entry to drains/water courses. • PPE as per handling to be used.

024 – Diesel

Health Risk				
Dermatitis and Skin Cancer from Prolonged Contact. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 TWA 8H 100mg/m3 TWA Total Hydrocarbons				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes • Do not breathe in vapour • Strictly no smoking, eating or drinking in work area • Ensure adequate ventilation • Keep away from sources of ignition. • Adequate Supervision	Goggles/Visor ✓ Gloves PVC Coveralls Respirator ✓ Other: Barrier Cream
Storage	**First Aid**
• Cool ventilated area. • Free from sources of ignition. • Ensure all containers are closed. • Store in minimal quantities.	• Skin: Remove contaminated clothing, wash with soap and water. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Remove to fresh air. • Ingestion: Do not induce vomiting and seek medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2 • Do not use water	• Shut off at source. • Ventilate area. • Absorb in sand or earth. • Collect leaking liquid in a container. • Do not allow entry to drains/water courses. • PPE as per handling to be used.

025 – Hydraulic Fluid

Health Risk				
Harmful if Swallowed. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): Refer to Product Manufacturer.				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Do not breathe in vapour. • Do not mix with water or any solvent. • Ensure adequate ventilation. • Change clothing if contaminated. • Adequate Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves PVC Coveralls Respirator ✓ Other: Barrier Cream/Apron
Storage	**First Aid**
• Cool ventilated area. • Ensure all tins/containers are closed. • Store in minimal quantities	• Skin: Wash with soap and water and ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes • Inhalation: Do not induce vomiting and seek prompt medical help.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2, Water	• Absorb in sand or earth. • Collect leaking liquid in a container. • Do not allow entry to drains/water courses.

026 – Grease

Health Risk				
Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 TWA 8HR 10mg/m3 STEL 10 min				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**		
• Avoid contact with skin and eyes. • Do not place thumb or fingers over nozzle. • Ensure provision and use of hygiene facilities. • Adequate Supervision		Goggles/Visor	
	✓	Gloves	Rubber
		Coveralls	
		Respirator	
	✓	Other:	Barrier Cream

Storage	**First Aid**
• Ensure all tins are closed.	• Skin: Wash with soap and water. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. Seek medical help. If injected under the skin seek rapid medical attention.

Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2 • Do not use water.	• Absorb in sand or earth. • Use detergent to clean. • Dispose according to Local Authority Regulations.

027 – Mould Oil

Health Risk				
Dermatitis and Skin Cancer from Prolonged Contact. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 TWA 8H 10mg/m3 STEL 10 min				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes • Ensure provision and use of hygiene facilities. • Change clothing if contaminated. • Adequate Supervision	✓ Goggles/Visor BS2092 1?c ✓ Gloves Neoprene Coveralls Respirator ✓ Other: Barrier Cream
Storage	**First Aid**
• Ensure all containers are closed. • Keep in minimal amounts.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. Seek prompt medical help. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, CO2 • Do not use water	• Absorb in sand or earth. • Collect leaks into a container, wash away with much water – detergent may be required. • PPE as per handling to be used.

028 – Spray Lubricant

Health Risk				
Irritant to Eyes and Skin Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 TWA 8H 0mg/m3 STEL 10 min Oil Mist				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes and skin. • Do not breathe spray. • Ensure provision and use of hygiene facilities. • Ensure provision of adequate ventilation. • Adequate Supervision	✓ Goggles/Visor BS2092 1?c Gloves Coveralls Respirator ✓ Other: Barrier Cream
Storage	**First Aid**
• Cool ventilated area.	• Skin: Wash with soap and water. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• CO2, Foam, Powder	• Absorb in sand or earth. • Do not burn canister.

029 – Adhesive (Epoxy)

Health Risk

Toxic by Inhalation, Irritant to Eyes, Skin and Respiratory System

Hazardous Content:

Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):

5ppm TWA Phenol
1ppm TWA Amine

Route of Exposure

Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Do not breathe vapour. • Ensure provision and use of washing facilities. • Ensure provision and use of ventilation, forced if necessary. • Adequate Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves Rubber ✓ Coveralls Disposable ✓ Respirator Vapour Other:

Storage	**First Aid**
• Ensure all containers are kept closed. • Store in minimal quantities.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes and seek medical advice. • Ingestion: Seek medical assistance. • Inhalation: Remove to fresh air.

Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Water Spray	• Absorb in sand or earth. • Do not allow entry to drain or water courses. • Keep areas ventilated. • PPE as per handling.

030 – Adhesive (Solvent)

Health Risk				
Harmful by Inhalation. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm TWA 8H 150ppm STEL 10 min Solvent				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Do not breathe vapour. • Ensure provision and use of washing facilities. • Ensure provision of adequate ventilation, forced if necessary. • Prevent sources of ignition. • Do not mix with other products. • Adequate Supervision	Goggles/Visor Gloves Coveralls ✓ Respirator Vapour Other:
Storage	**First Aid**
• Ensure all containers are kept closed. • Store in cool ventilated area in minimal quantities.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. Give water only and seek medical assistance. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Foam, C02	• Absorb in sand or earth. • Do not allow entry to drain/water courses. • Ensure area is ventilated. • Place contaminated material into a container prior to disposal.

031 –Adhesive (Water)

Health Risk				
Synthetic Resins/Polyvinyl Acetate Resin Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Hand or spray. • Avoid contact with eyes and skin. • Ensure provision and use of washing facilities. • Ensure provision of adequate ventilation. • Adequate Supervision.	✓ Goggles/Visor BS2092 1/C ✓ Gloves Coveralls Respirator Other:
Storage	**First Aid**
• Cool, dry and ventilated area. • Ensure all containers are closed. • Store in minimal amounts.	• Skin: Wash with soap and water. Keep all cuts covered. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Powder, Water, C02	• Absorb in sand or earth. • Wash areas with water. • PPE as per handling to be worn.

032 Adhesive (Resin)

Health Risk				
Harmful, Flammable. Hazardous Content: Resin Isocyanates, Xylene Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 0.01ppm 8H TWA TDI MDI 100ppm 8H TWA Sol				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Hand – Avoid contact with eyes and skin. • Do not breathe vapour. • Ensure provision of adequate ventilation forced if necessary. • Prevent sources of ignition. • Do not mix with any other product. • Strict Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves Coveralls ✓ Respirator BS2091 Vapour ✓ Other: Barrier Cream
Storage	**First Aid**
• Cool dry ventilated area. • Ensure all containers are closed. • Keep in minimal amounts.	• Skin: Remove contaminated clothing and wash with soap and water. Keep all cuts covered. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Ingestion: Do not induce vomiting. Give plenty of water and seek medical attention. • Inhalation: Remove to fresh air and rest.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
	• Absorb in sand or earth. • Collect leaking liquid. • Do not allow entry onto drains/water courses. • Ensure area is ventilated. • PPE as per handling.

033 – Sealant (Silicone)

Health Risk				
Irritant Hazardous Content: Acetic Acid Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm TWA 8L 15ppm STEL 10 min Acetic Acid				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes and skin. • Ensure provision of adequate ventilation. • Do not mix with any other product.	✓ Goggles/Visor BS2092 1/C Gloves Coveralls ✓ Respirator BS2091 Acid Gas ✓ Other:
Storage	**First Aid**
• Cool, dry and ventilated area. • Ensure all containers are closed. • Store in minimal amounts.	• Skin: Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Decomposes to form irritant fumes/smoke. • Extinguishers as per surrounding materials.	• Absorb in sand. • Do not allow entry into drains/water courses. • PPE as per handling.

034 – Sealant (Epoxy)

Health Risk				
Harmful, Causes Burns. May Cause Sensitisation by Skin Contact. Possible Risk of Irreversible Effects. Hazardous Content: Organic Solvents, Amine Hardener. Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 2ppm TWA Solvent 1ppm TWA Amine 8H				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes and skin. • Do not breathe in vapour. • Ensure provision of adequate ventilation. • Strict Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves Rubber Neoprene Coveralls ✓ Respirator BS2091 Vapour Other:
Storage	**First Aid**
• Cool, dry ventilated area. • Store in minimal quantities only.	• Skin: Wash with soap and water. Keep all cuts covered. • Eyes: Irrigate with water for 15 minutes and seek medical help. • Ingestion: Do not induce vomiting. Give water to drink and seek medical attention. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Foam, Water Spray, Powder	• Absorb in sand or earth. • Do not allow entry into drains/water courses.

035 – Insulation (Solid)

Health Risk				
Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES):				
Route of Exposure				
Skin:	Eyes: ✓	Inhalation:	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes. • Adequate Supervision	✓ Goggles/Visor BS2092 Gloves Coveralls ✓ Respirator BS6016 Other:
Storage	**First Aid**
	• Eyes: Irrigate with water for 15 minutes and seek medical assistance should irritation persist.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• CO2 • Decomposes during combustion forming hydrogen, cyanide and nitrous oxide.	•

036 – Insulation (MMMF)

Health Risk				
Irritant Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**
• Do not breathe in dust. • Avoid contact with eyes and skin. • Ensure provision of adequate ventilation. • Adequate Supervision	✓ Goggles/Visor BS2092 ✓ Gloves PVC Coveralls ✓ Respirator BS6016 Other:
Storage	**First Aid**
	• Skin: Remove contaminated clothing and wash with soap and water. • Eyes: Irrigate with water for 15 minutes.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Water Spray. • Toxic Fumes can be produced during combustion.	

037 – Cleaner (Masonry)

Health Risk				
Irritant Hazardous Content: Hydrochloric Acid Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 5mg/m3 TWA 8H Hydrogen Chloride (Gas)				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with skin and eyes. • Fence off work area. • Ensure provision of adequate ventilation. • Do not mix with other products. • Adequate Supervision.	✓ Goggles/Visor BS2092 1/C ✓ Gloves Rubber, PVC Coveralls ✓ Respirator BS2091 Acid Gas Other:
Storage	**First Aid**
• Ventilated area. • Ensure all containers are kept closed. • Store in minimal quantities.	• Skin: Remove contaminated clothing and wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. Seek medical help. • Ingestion: Do not induce vomiting. Give plenty of water. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• C02	• Neutralise spillage with Sodium Carbonate. • Absorb in sand. • Collect into a non-metallic container. • Wash down with much water.

038 – Paint Remover

Health Risk				
Irritant to Eyes and Respiratory System. May cause Sensitisation of Skin. Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 100ppm 8H TWA Dicholoromethane 100ppm 8H TWA Methanol				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation: ✓	Swallowing:	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Brush or Spray. • Avoid contact with skin and eyes. • Do not breathe in vapour. • Ensure provision of adequate ventilation, forced if necessary. • Do not mix with other products. • Adequate Supervision	✓ Goggles/Visor BS2092 1/C ✓ Gloves PVC Coveralls ✓ Respirator Vapour Other:
Storage	**First Aid**
• Cool ventilated area. Ensure all containers are closed. • Keep in minimal quantities.	• Skin: Remove contaminated clothing. Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes and seek medical attention. • Ingestion: Do not induce vomiting. Give water only. Seek prompt medical help. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Foam, CO2 • Toxic fumes may be given off during combustion.	• Contain with sand. • Prevent entry to drains or watercourses. • Collect leaks into a container.

039 – Expanding Foam

Health Risk				
Hazardous Content: Isocyanates, Organic Compounds Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 0.02mg/m3 8H TWA				
Route of Exposure				
Skin: ✓	Eyes: ✓	Inhalation:	Swallowing: ✓	Cuts: ✓

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes and skin. • Ensure provision of adequate ventilation. • Adequate Supervision.	✓ Goggles/Visor BS2092 1/C ✓ Gloves PVC Coveralls Respirator Other:
Storage	**First Aid**
• Cool ventilated area.	• Skin: Remove contaminated clothing. Wash with soap and water. Keep all cuts covered. • Eyes: Irrigate with water for 15 minutes and seek medical advice. • Ingestion: Do not induce vomiting. • Inhalation: Remove to fresh air.
Fire Precautions / Fire Action	**Spillage Control / Disposal**
• Foam, CO2, Powder	• Cover with sand or allow to dry normally then remove. Do not allow entry to drains or watercourses.

040 – Sanitary Fluid

Health Risk				
Irritant to Eyes, Skin & Respiratory System Hazardous Content: Maximum Exposure Limit (MEL) / Occupational Exposure Standard (OES): 2ppm 8H TWA				
Route of Exposure				
Skin:	Eyes:	Inhalation:	Swallowing:	Cuts:

Control Measure	**Personal Protective Equipment**
• Avoid contact with eyes and skin. • Do not breathe vapours. • Avoid contact with other products notably acids and chlorides.	✓ Goggles/Visor BS2092 1?c ✓ Gloves PVC ✓ Coveralls (Apron) PVC ✓ Respirator Vapour Other:
Storage	**First Aid**
• In cool ventilated area. • Ensure all containers are closed. • Store in minimal quantities away from acids or chlorides.	• Skin: Remove contaminated clothing. Wash with soap and water. Ensure all cuts are covered. • Eyes: Irrigate with water for 15 minutes. • Ingestion: Do not induce vomiting. Drink water. • Inhalation: Remove to fresh air.
Firge Precautions / Fire Action	**Spillage Control / Disposal**
• Can form explosive mixture with air. • Water Spray, CO2	• Absorb with sand. • Collect leaks in a container. • Wash away with much water.

Section 16.0

F10 NOTIFICATION

Section 17.0

PROJECT COMPANY CODE OF PRACTICE, PETROL STATIONS

Section 18.0

PLANNING PERMISSION

Barnsley MBC ref. 2018/0710

Section 19.0

STATUTORY AUTHORITIES SERVICE INFORMATION

Section 20.0

SITE INVESTIGATION REPORT

See Geo2 Phase 1 Report

Section 21.0

PROJECT DRAWINGS

Section 22.0

PRE-TENDER

Section 23.0

RISK ASSESSMENT

Section 24.0

PROJECT PLAN